

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015932.D
 Acq On : 23 Jul 2020 19:25
 Operator : SY/VA
 Sample : L3395-04
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY14

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	66	75	87	rBV	95341	206219	0.13%	0.019%
2	2.897	154	163	180	rBV	66117	173750	0.11%	0.016%
3	4.013	331	346	355	rBV2	161606	518645	0.32%	0.047%
4	4.123	356	364	387	rVB4	73529	301732	0.19%	0.027%
5	4.903	474	492	516	rBV2	230628	1012635	0.62%	0.091%
6	6.720	776	790	802	rBV2	89779	352594	0.22%	0.032%
7	6.878	802	816	844	rVV	6898675	24612024	15.16%	2.215%
8	7.080	844	849	856	rVV	63080	204291	0.13%	0.018%
9	7.171	856	864	873	rVV3	116496	449734	0.28%	0.040%
10	7.653	932	943	948	rBV	229443	610814	0.38%	0.055%
11	8.037	993	1006	1031	rBV	13245807	37542432	23.12%	3.378%
12	8.281	1032	1046	1061	rVB2	454104	1487512	0.92%	0.134%
13	8.500	1061	1082	1130	rVB3	42721251	162374294	100.00%	14.610%
14	8.848	1130	1139	1151	rBV	494123	983032	0.61%	0.088%
15	9.152	1182	1189	1202	rVB	92191	236579	0.15%	0.021%
16	9.335	1202	1219	1224	rBV	14972812	33707324	20.76%	3.033%
17	9.390	1224	1228	1237	rVV	15927771	33487966	20.62%	3.013%
18	9.476	1237	1242	1254	rVB	3266683	7319923	4.51%	0.659%
19	9.616	1254	1265	1276	rVB2	1931559	5039793	3.10%	0.453%
20	9.774	1280	1291	1303	rBV2	42522290	103962214	64.03%	9.355%
21	9.902	1303	1312	1331	rBV	30223908	68401032	42.13%	6.155%
22	10.079	1332	1341	1348	rBV	3547527	7221838	4.45%	0.650%
23	10.256	1359	1370	1378	rBV2	30852431	65914017	40.59%	5.931%
24	10.323	1378	1381	1393	rVB	932094	1870992	1.15%	0.168%
25	10.433	1393	1399	1404	rBV2	526979	1396704	0.86%	0.126%
26	10.488	1404	1408	1419	rVB2	513354	1405469	0.87%	0.126%
27	10.622	1419	1430	1434	rBV5	775008	2088157	1.29%	0.188%
28	10.701	1434	1443	1447	rBV2	1431288	3557214	2.19%	0.320%
29	10.780	1447	1456	1464	rVB2	7687019	15296741	9.42%	1.376%
30	10.853	1464	1468	1473	rVB2	779187	1367103	0.84%	0.123%
31	10.939	1473	1482	1489	rBV	4886996	10067420	6.20%	0.906%
32	11.000	1489	1492	1493	rBV	377873	404175	0.25%	0.036%
33	11.042	1493	1499	1508	rVB	5845231	13638094	8.40%	1.227%
34	11.122	1508	1512	1513	rBV3	463342	635898	0.39%	0.057%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Title : VOC Analysis

35	11.146	1513	1516	1520	rVB	549538	806773	0.50%	0.073%
36	11.231	1520	1530	1535	rBV5	1856478	5482374	3.38%	0.493%
37	11.286	1535	1539	1544	rBV2	1468929	2483680	1.53%	0.223%
38	11.384	1551	1555	1560	rBV	1185189	2134591	1.31%	0.192%
39	11.439	1560	1564	1572	rVB3	2279563	5052239	3.11%	0.455%
40	11.548	1572	1582	1587	rBV3	3564675	8189599	5.04%	0.737%
41	11.609	1587	1592	1600	rVV	13593636	28932610	17.82%	2.603%
42	11.701	1600	1607	1614	rVV	19950086	38124631	23.48%	3.430%
43	11.774	1614	1619	1623	rVB3	1189706	1957898	1.21%	0.176%
44	11.884	1630	1637	1647	rBV	16655587	29978414	18.46%	2.697%
45	11.981	1647	1653	1654	rBV3	347068	590289	0.36%	0.053%
46	12.030	1655	1661	1664	rBV	2497989	4703442	2.90%	0.423%
47	12.073	1664	1668	1672	rBV	7820989	13055030	8.04%	1.175%
48	12.140	1677	1679	1684	rVB4	1798603	2512103	1.55%	0.226%
49	12.188	1685	1687	1690	rVB	868580	907458	0.56%	0.082%
50	12.249	1690	1697	1703	rVB2	7293875	13643140	8.40%	1.228%
51	12.329	1705	1710	1713	rBV2	2185431	3920347	2.41%	0.353%
52	12.414	1721	1724	1726	rBV2	616174	867192	0.53%	0.078%
53	12.506	1732	1739	1746	rVB7	1962714	5669999	3.49%	0.510%
54	12.597	1747	1754	1762	rBV	40538826	71201614	43.85%	6.407%
55	12.688	1764	1769	1776	rBV2	6239021	15799258	9.73%	1.422%
56	12.762	1776	1781	1791	rVB	14287815	32404545	19.96%	2.916%
57	12.865	1791	1798	1802	rVB6	1200072	2946110	1.81%	0.265%
58	12.963	1802	1814	1819	rBV2	11256522	26607857	16.39%	2.394%
59	13.018	1819	1823	1829	rVB	3545545	6620960	4.08%	0.596%
60	13.133	1829	1842	1845	rBV5	2879129	8995770	5.54%	0.809%
61	13.194	1845	1852	1864	rVB	12717838	26899263	16.57%	2.420%
62	13.304	1864	1870	1875	rBV2	5281232	9324948	5.74%	0.839%
63	13.353	1875	1878	1879	rBV2	479460	565689	0.35%	0.051%
64	13.414	1879	1888	1892	rBV	7978622	15364829	9.46%	1.383%
65	13.481	1897	1899	1902	rVV2	979911	1179580	0.73%	0.106%
66	13.524	1902	1906	1909	rVV2	2159286	2886961	1.78%	0.260%
67	13.566	1909	1913	1914	rVV2	1053635	1308182	0.81%	0.118%
68	13.609	1914	1920	1929	rVB	13375513	29411971	18.11%	2.646%
69	13.713	1929	1937	1941	rBV2	1380548	3141928	1.93%	0.283%
70	13.767	1941	1946	1954	rVB	5232250	9564896	5.89%	0.861%
71	13.841	1954	1958	1962	rBV3	1106608	2170063	1.34%	0.195%

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 Title : VOC Analysis

72	13.944	1971	1975	1981	rVB2	1395510	2781399	1.71%	0.250%
73	14.030	1986	1989	1993	rVB3	413795	590146	0.36%	0.053%
74	14.084	1993	1998	1999	rBV2	2032543	2905958	1.79%	0.261%
75	14.115	1999	2003	2012	rVB2	4329913	9871367	6.08%	0.888%
76	14.194	2012	2016	2022	rBV3	1075866	1838012	1.13%	0.165%
77	14.273	2022	2029	2034	rBV4	1622840	4375355	2.69%	0.394%
78	14.389	2045	2048	2051	rBV4	709311	1065385	0.66%	0.096%
79	14.426	2051	2054	2058	rVB3	1486103	2166838	1.33%	0.195%
80	14.505	2061	2067	2076	rBV3	6060161	12644881	7.79%	1.138%
81	14.682	2092	2096	2101	rBV3	1118436	1763185	1.09%	0.159%
82	14.737	2102	2105	2109	rBV2	403475	682740	0.42%	0.061%
83	14.834	2115	2121	2125	rVB4	846370	1856090	1.14%	0.167%
84	14.932	2133	2137	2140	rVB	855383	1219279	0.75%	0.110%
85	14.975	2141	2144	2148	rVB	1004108	1348035	0.83%	0.121%
86	15.060	2154	2158	2161	rBV2	439866	607893	0.37%	0.055%
87	15.109	2161	2166	2173	rBV4	1090403	2839911	1.75%	0.256%
88	15.182	2174	2178	2183	rVB	928937	1721773	1.06%	0.155%
89	15.334	2198	2203	2211	rVB3	2324869	5031982	3.10%	0.453%
90	15.517	2230	2233	2236	rVV5	364861	488958	0.30%	0.044%
91	15.560	2237	2240	2248	rVB3	1083164	2046154	1.26%	0.184%
92	15.663	2248	2257	2264	rBV7	880879	3293732	2.03%	0.296%
93	15.731	2265	2268	2273	rVB	432021	651286	0.40%	0.059%
94	15.810	2274	2281	2287	rBV5	746372	1979714	1.22%	0.178%
95	15.950	2300	2304	2308	rVB3	316584	488362	0.30%	0.044%
96	16.017	2309	2315	2322	rVV5	940253	2155334	1.33%	0.194%
97	16.163	2335	2339	2344	rVB4	321831	601902	0.37%	0.054%
98	16.340	2364	2368	2372	rBV2	192768	366715	0.23%	0.033%
99	16.438	2380	2384	2389	rBV3	160359	349138	0.22%	0.031%
100	16.627	2410	2415	2419	rBV4	153939	369570	0.23%	0.033%

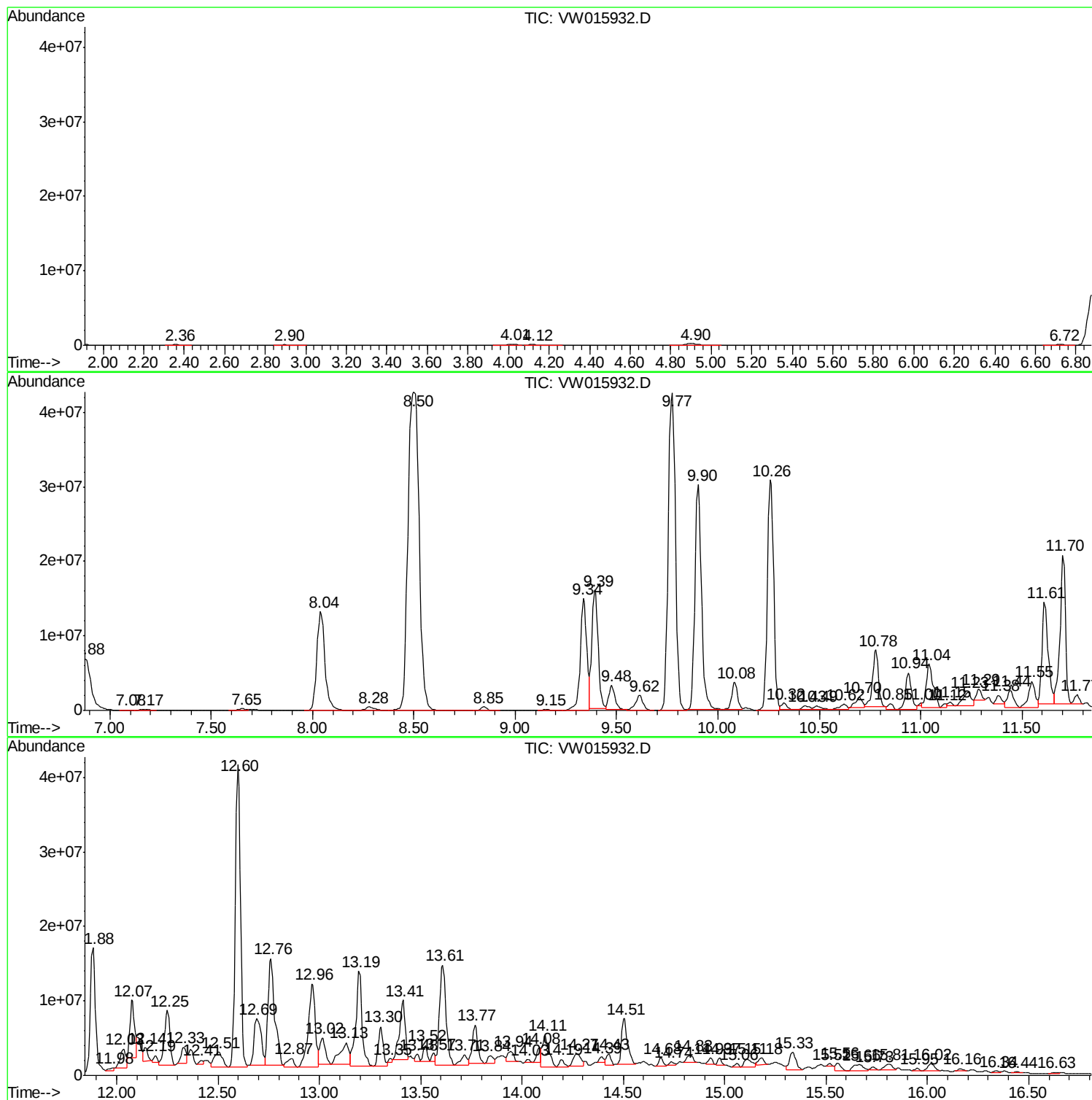
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_W
ClientSampled :
GAY14

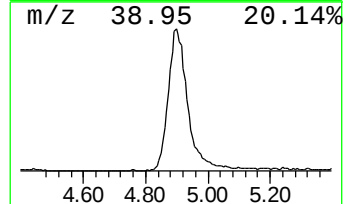
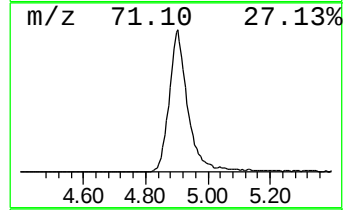
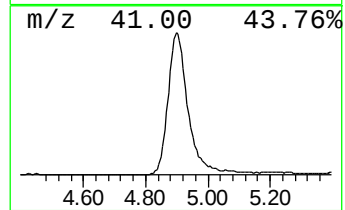
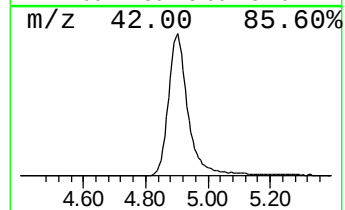
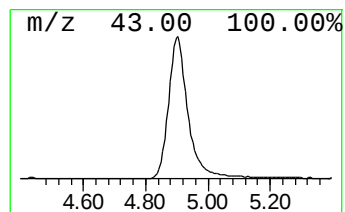
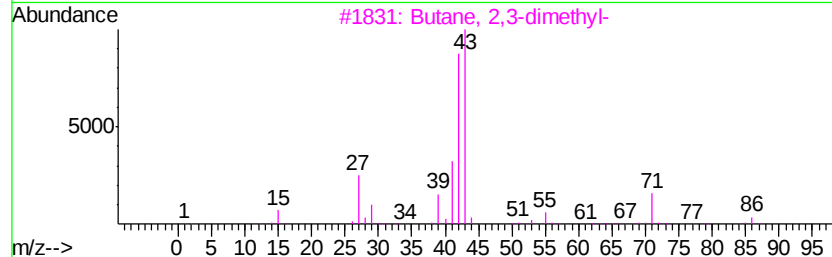
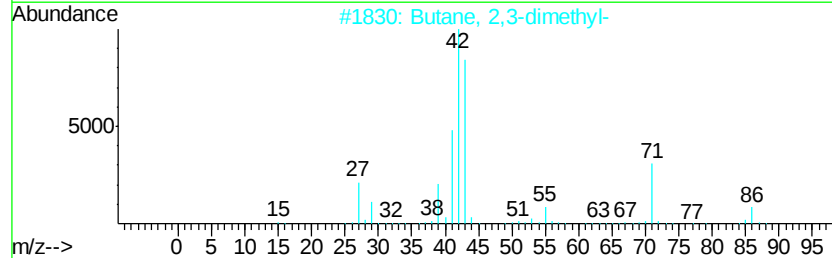
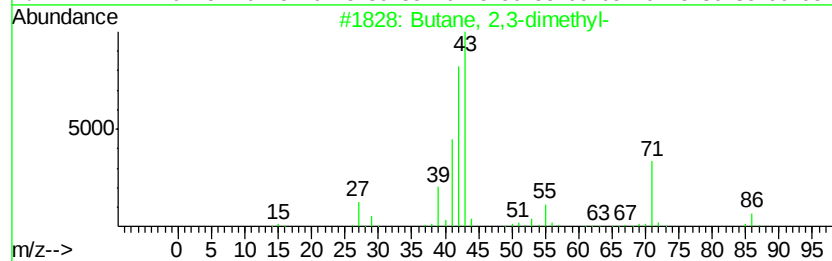
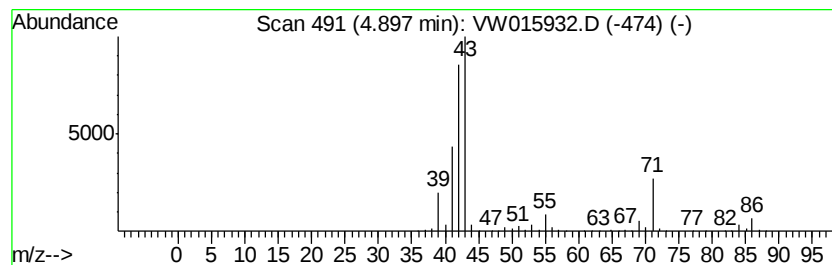
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	25.75 ug/L	1012640	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	74
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
5		Pentane, 2-methyl-	86	C6H14	000107-83-5	38



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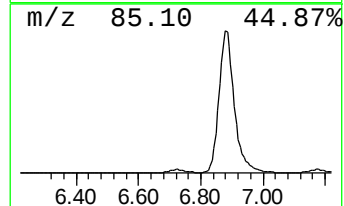
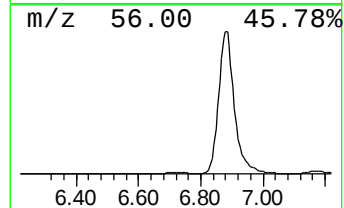
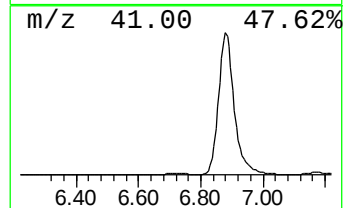
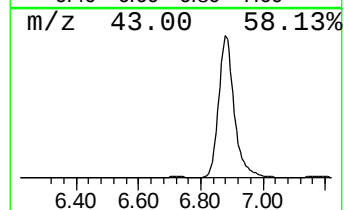
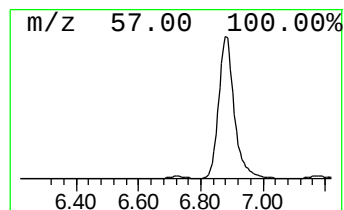
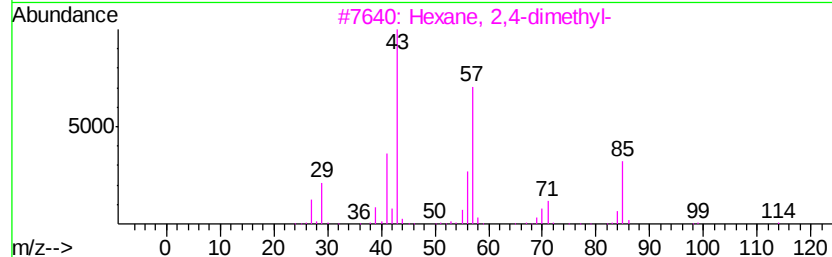
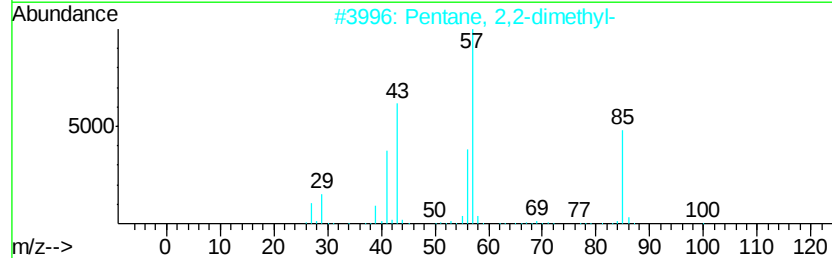
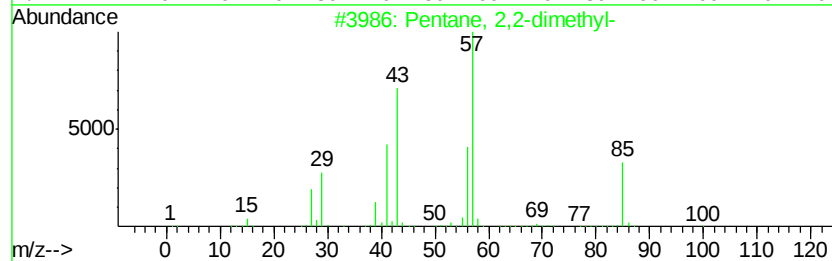
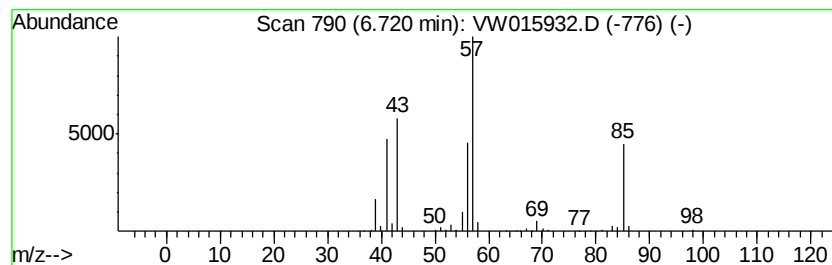
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	8.97 ug/L	352594	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-			100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-			100	C7H16	000590-35-2	83
3	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	83
4	Pentane, 2,2-dimethyl-			100	C7H16	000590-35-2	83
5	Pentane, 2,2,3,4-tetramethyl-			128	C9H20	001186-53-4	74



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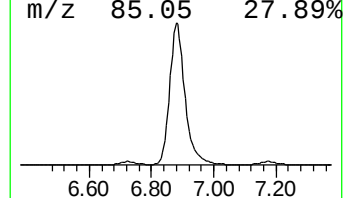
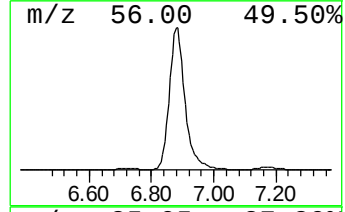
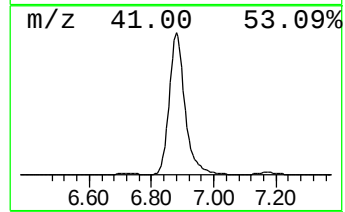
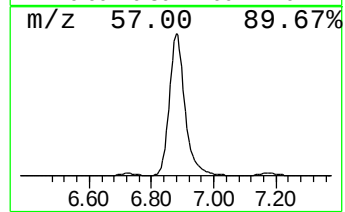
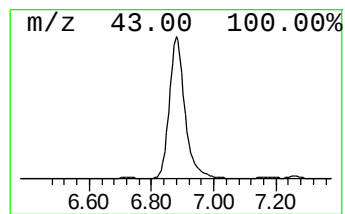
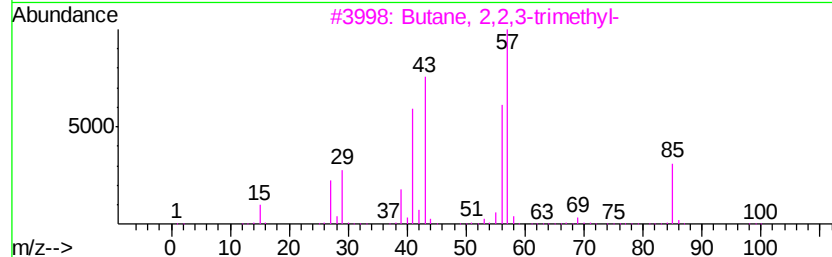
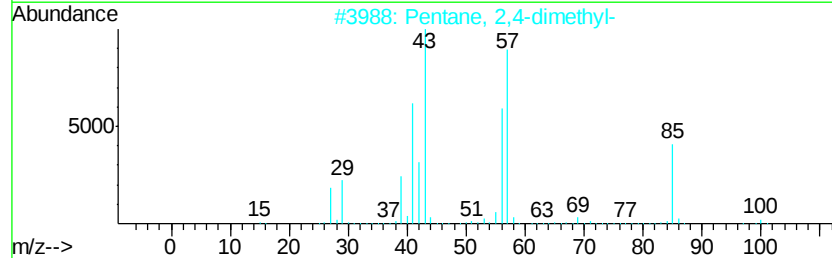
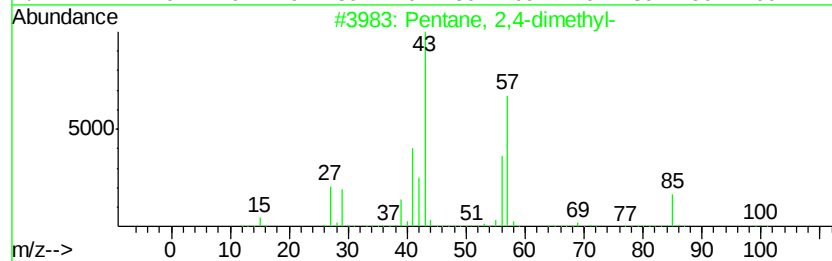
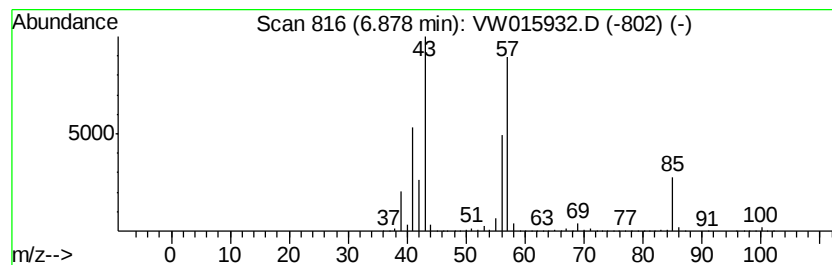
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	625.92 ug/L	24612000	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2		Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	90
3		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5		Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY14

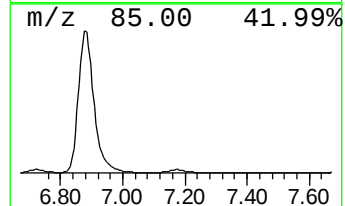
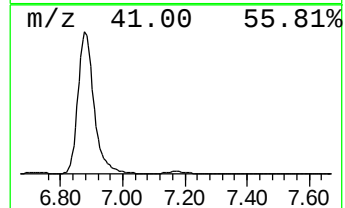
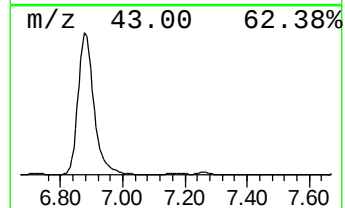
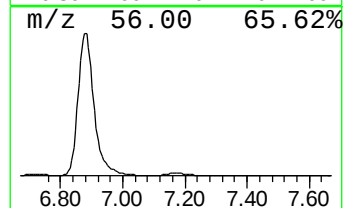
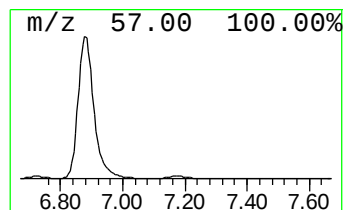
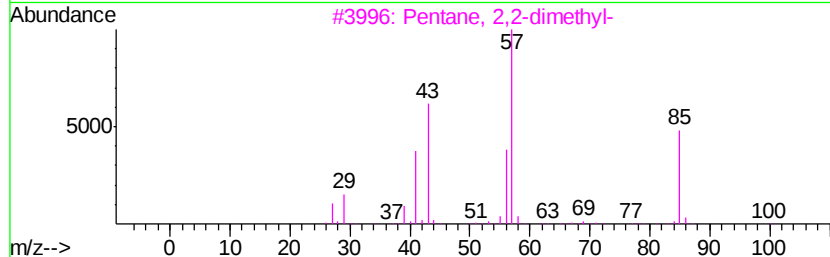
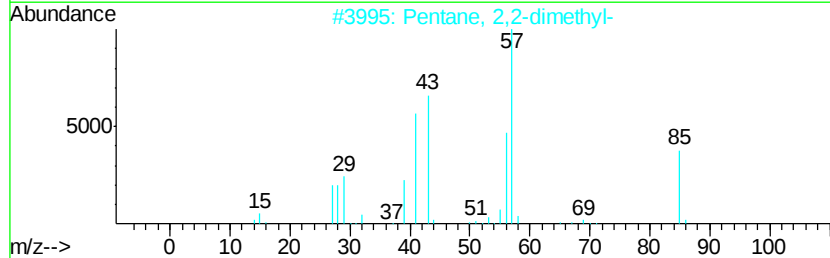
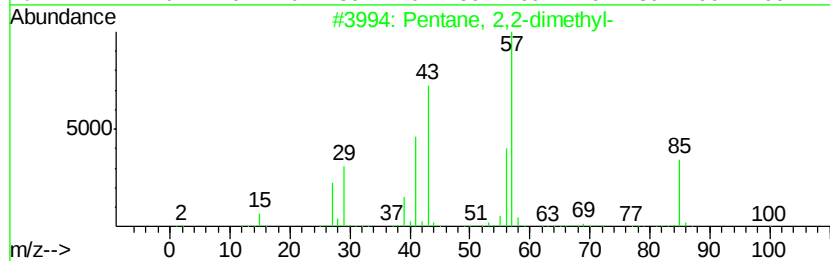
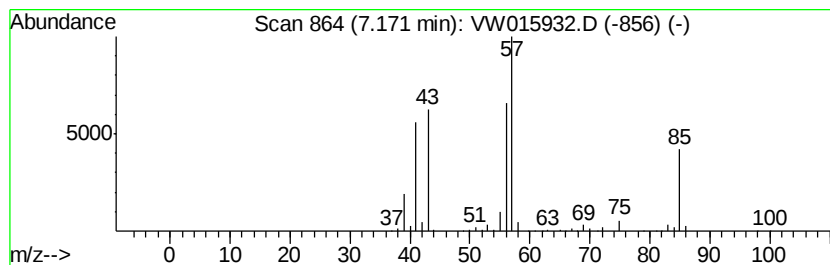
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	11.44 ug/L	449734	1,4-Difluorobenzene	8.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72	
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72	
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72	
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72	
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	72	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

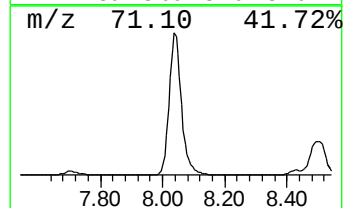
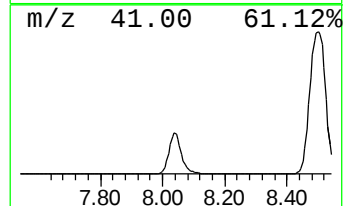
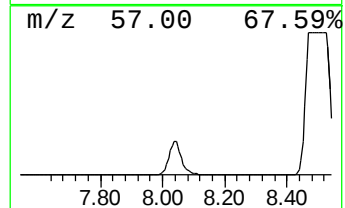
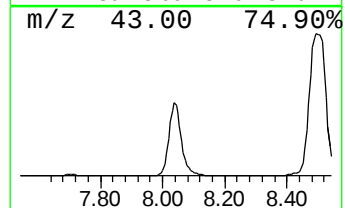
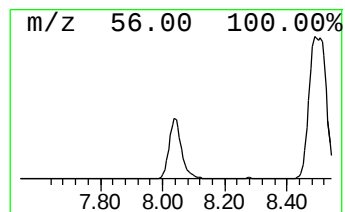
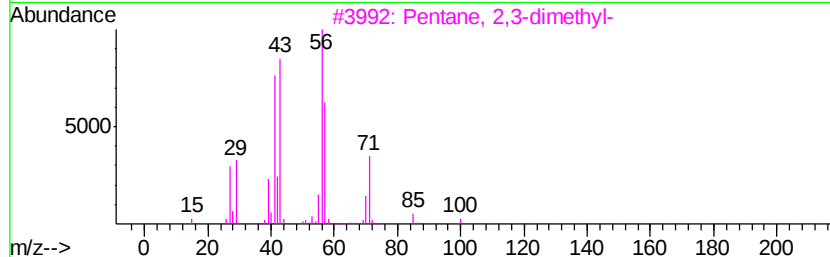
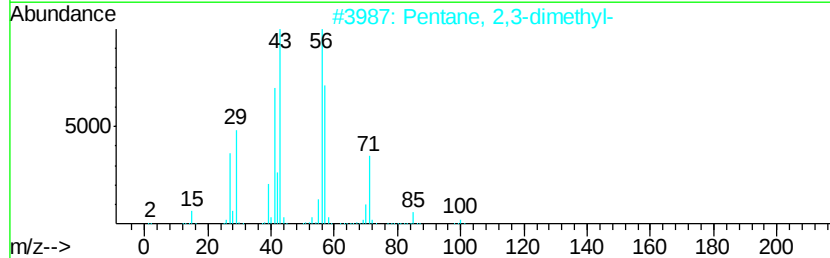
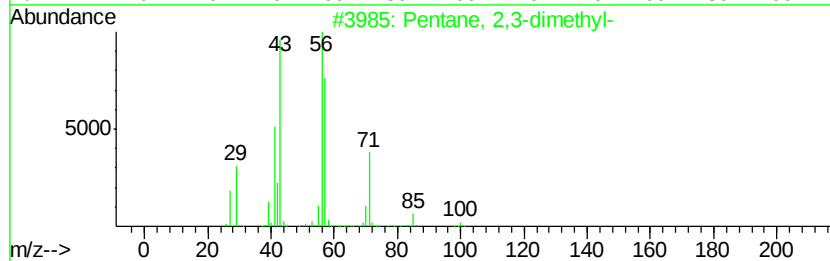
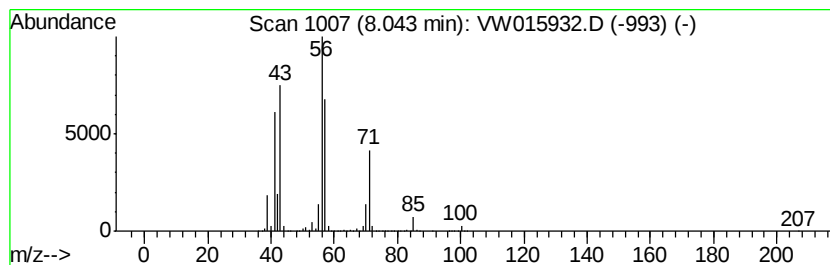
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	954.76 ug/L	37542400	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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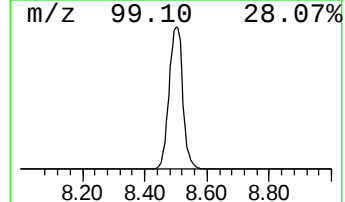
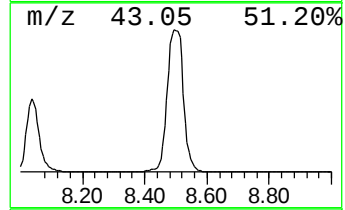
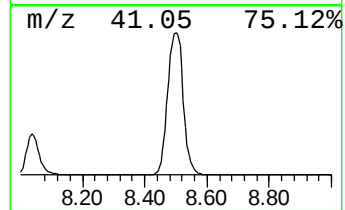
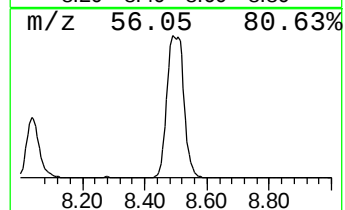
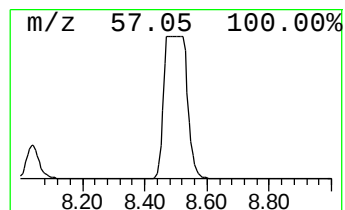
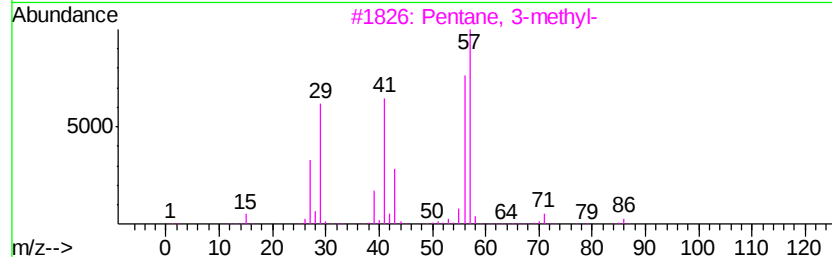
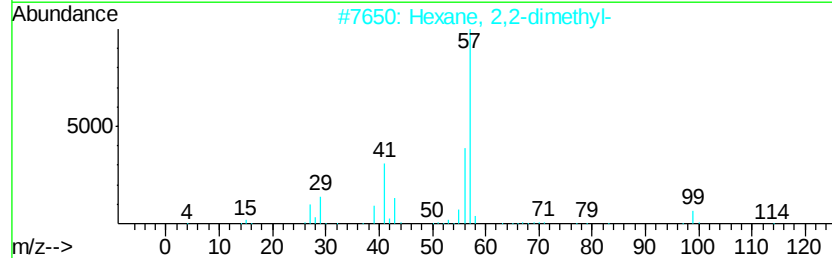
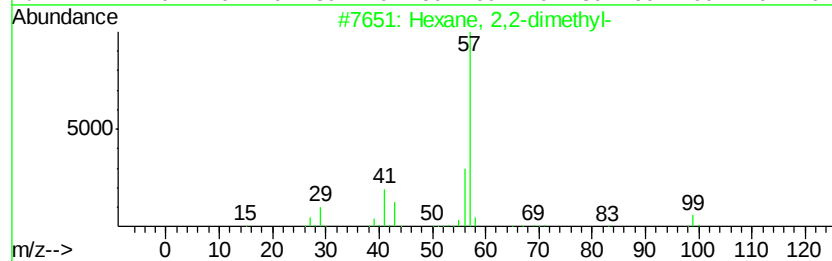
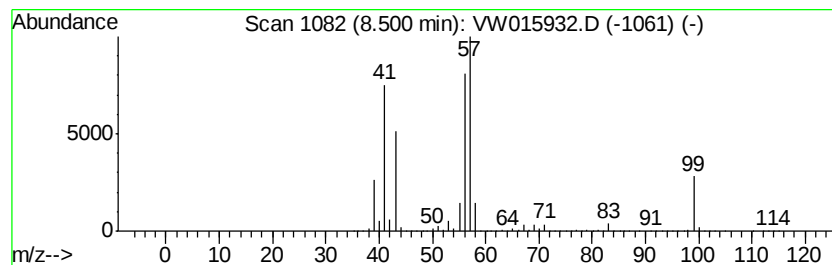
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	4129.43 ug/L	162374000	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	59
4		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY14

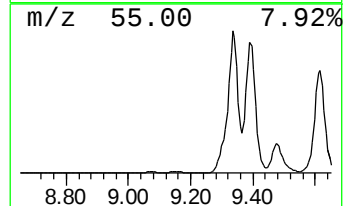
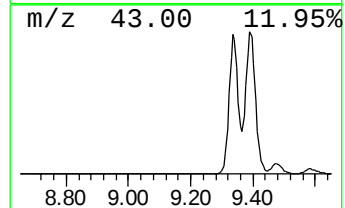
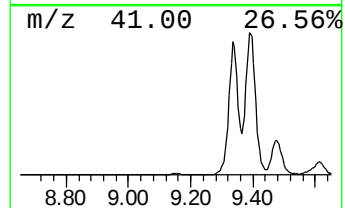
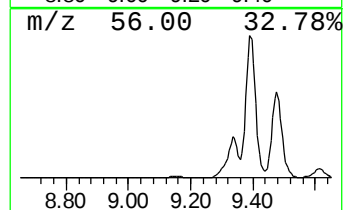
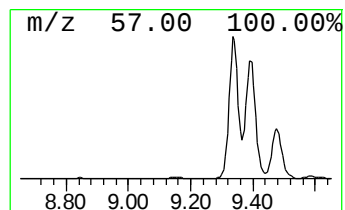
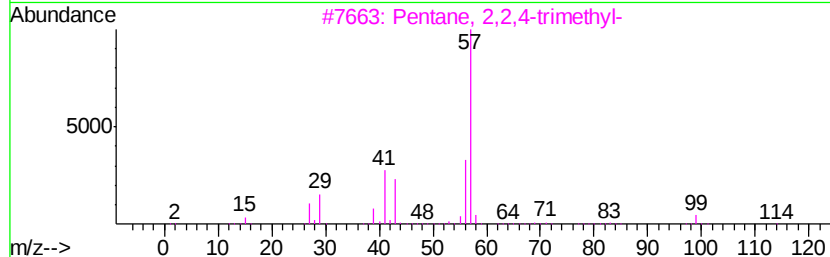
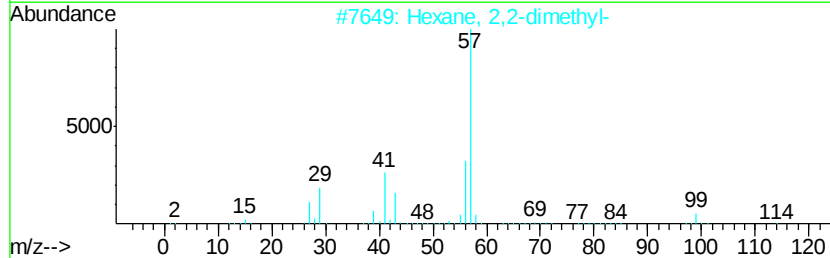
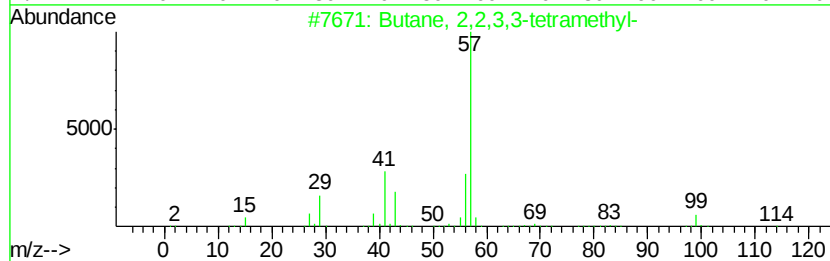
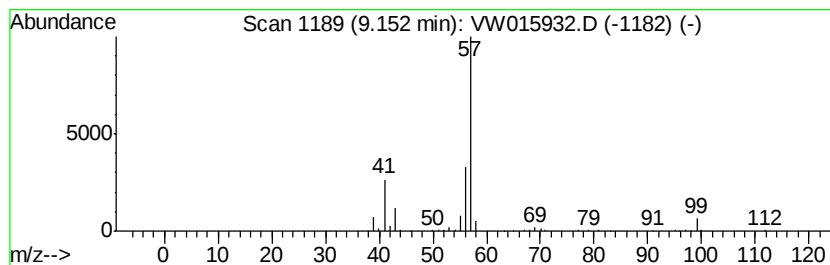
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	6.02 ug/L	236579	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
5			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

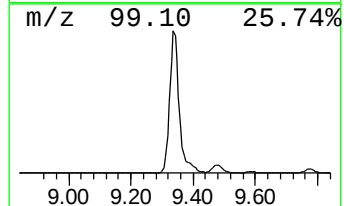
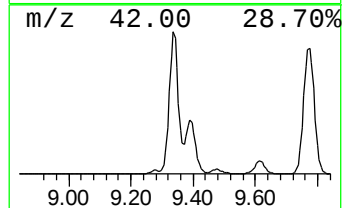
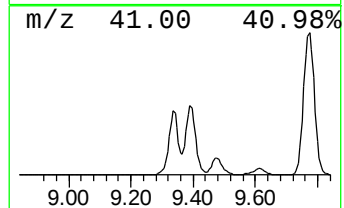
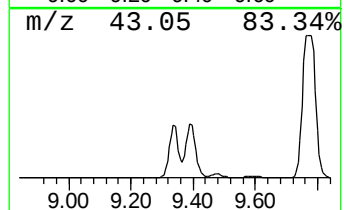
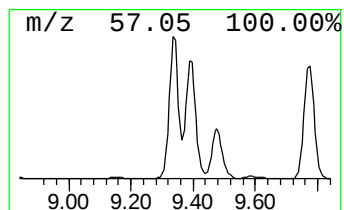
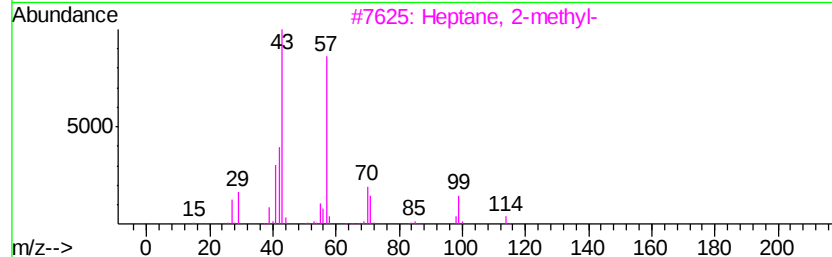
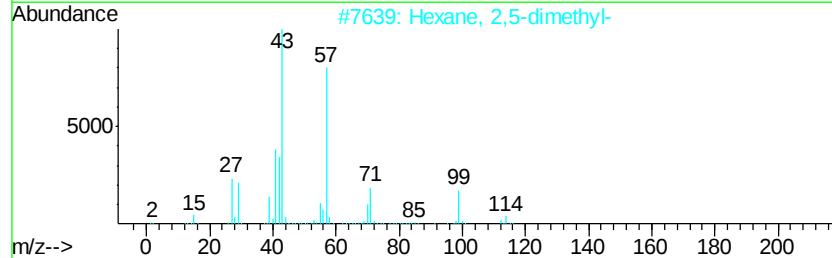
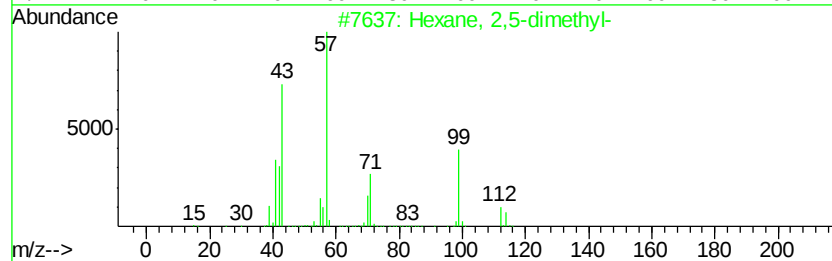
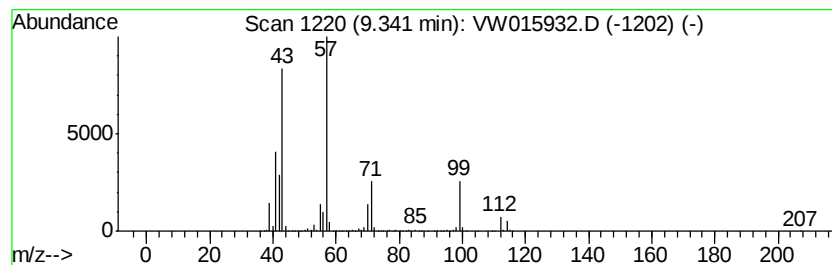
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	857.23 ug/L	33707300	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	95
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	91
3			Heptane, 2-methyl-	114	C8H18	000592-27-8	83
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	53
5			Heptane, 2-methyl-	114	C8H18	000592-27-8	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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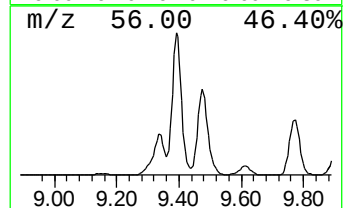
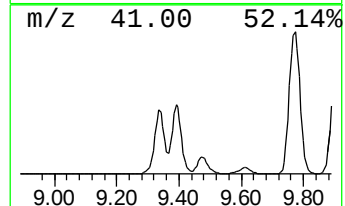
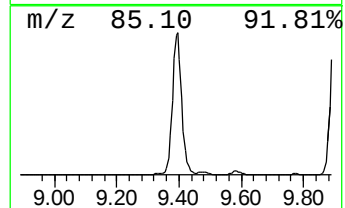
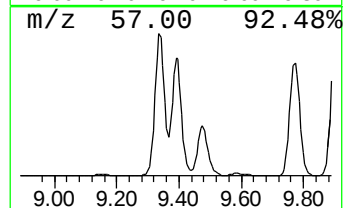
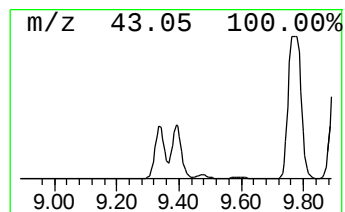
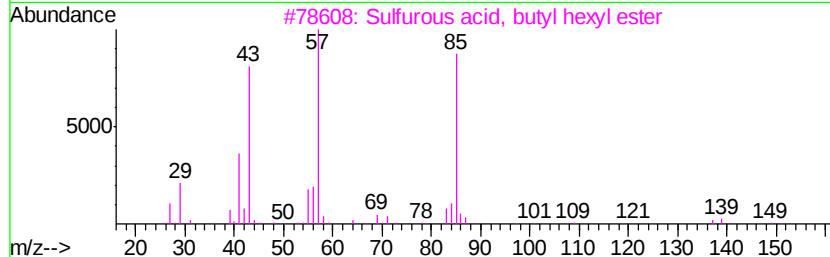
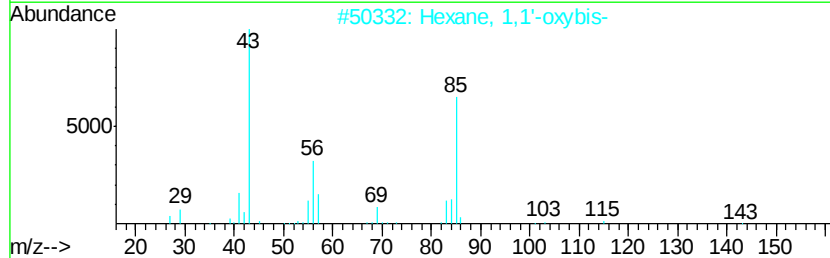
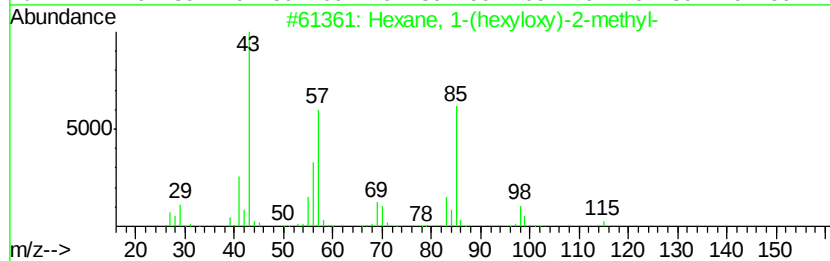
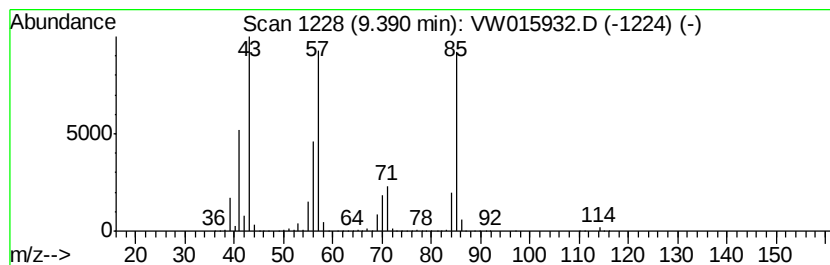
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexane, 1-(hexyloxy)-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	851.65 ug/L	33488000	1,4-Difluorobenzene	8.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72	
2	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59	
3	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53	
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53	
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

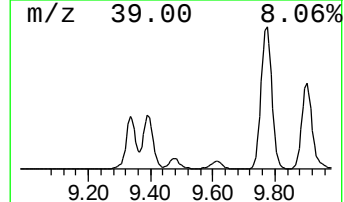
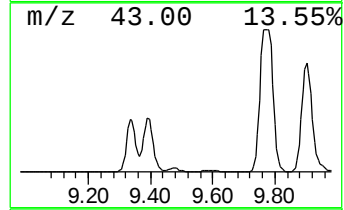
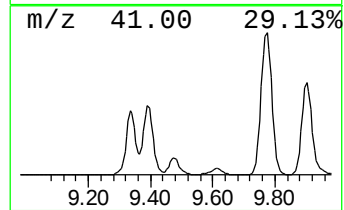
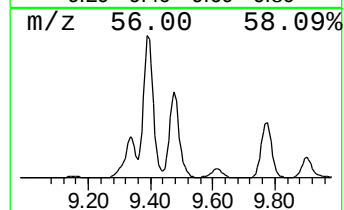
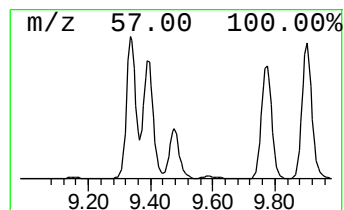
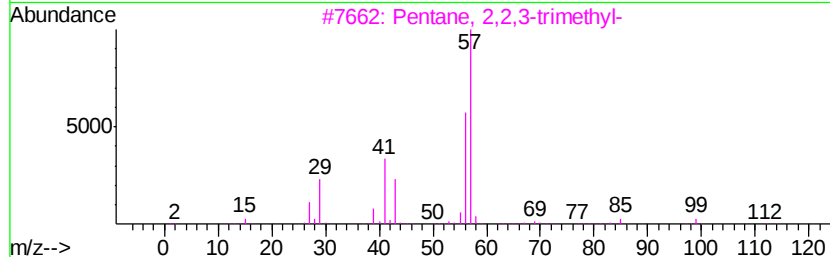
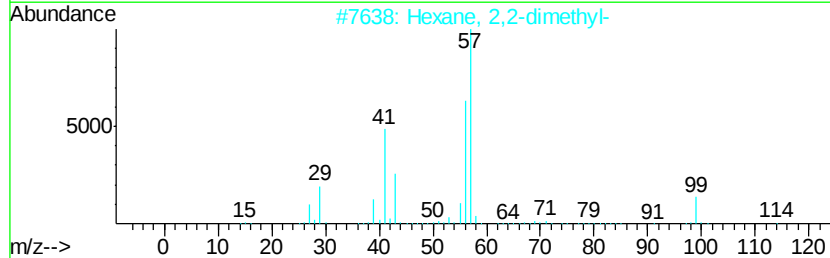
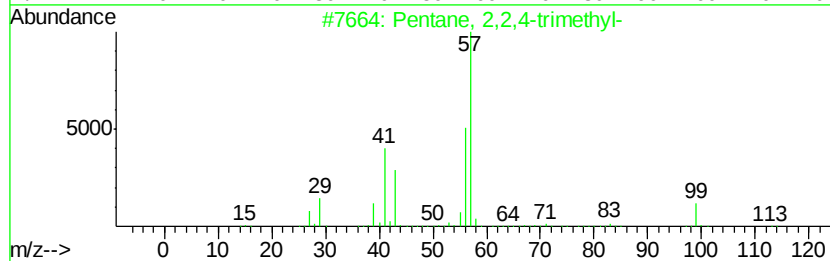
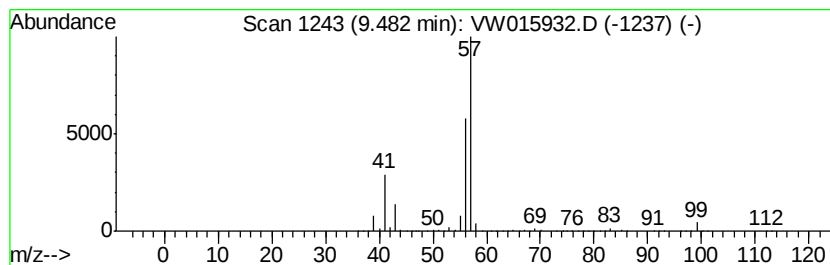
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	186.16 ug/L	7319920	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
4		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
5		Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY14

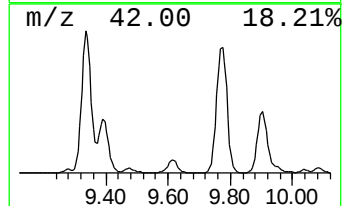
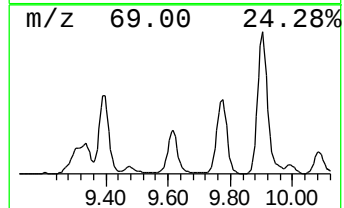
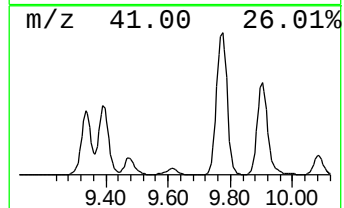
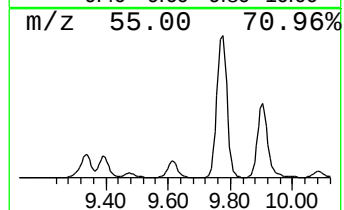
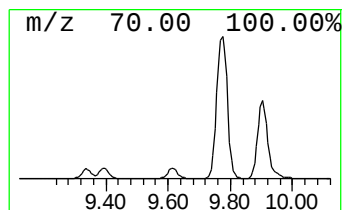
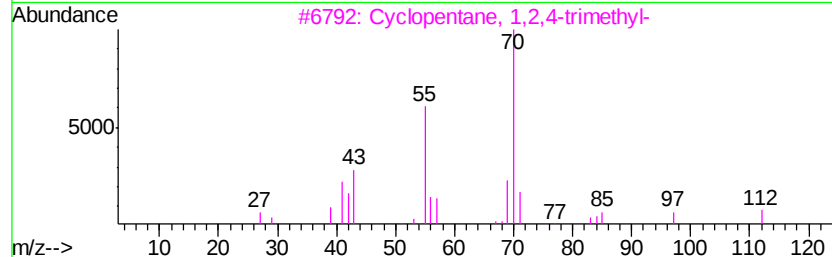
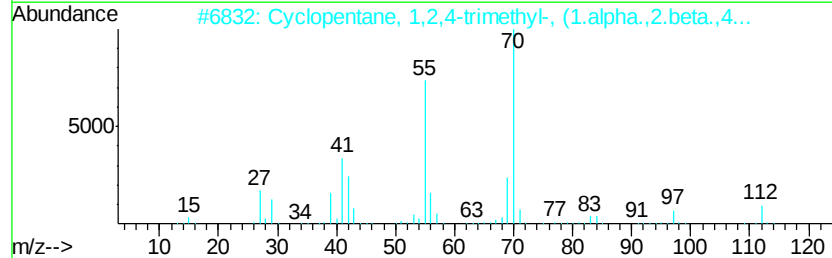
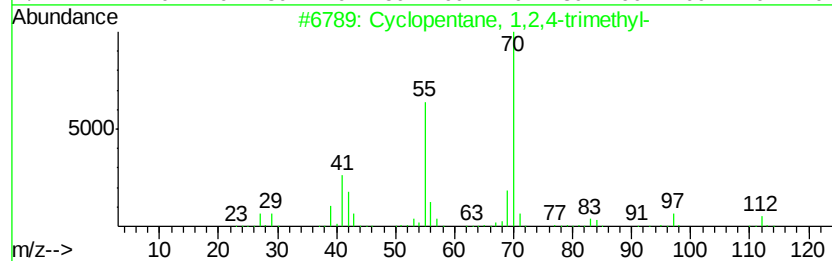
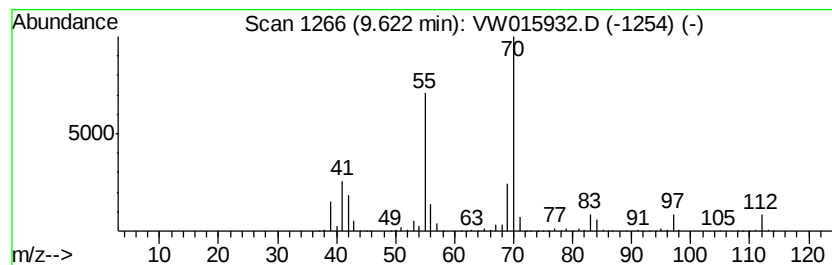
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic9.62 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	128.17 ug/L	5039790	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
3		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
4		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
5		Heptane, 3-methylene-	112	C8H16	001632-16-2	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

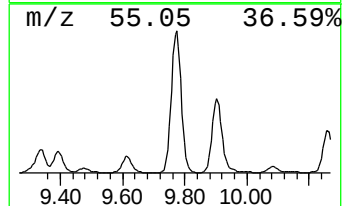
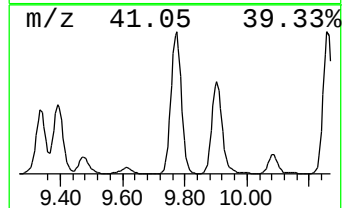
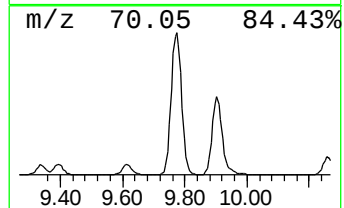
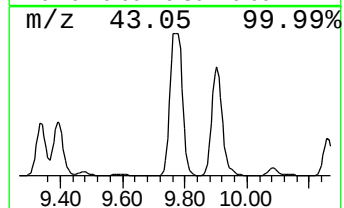
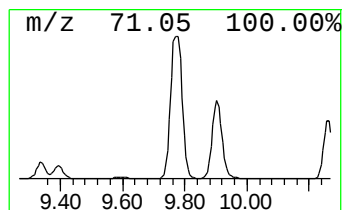
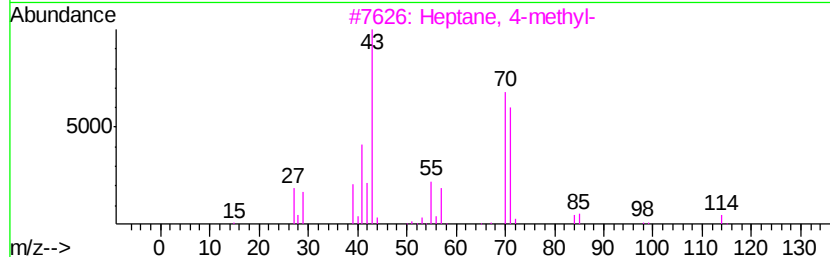
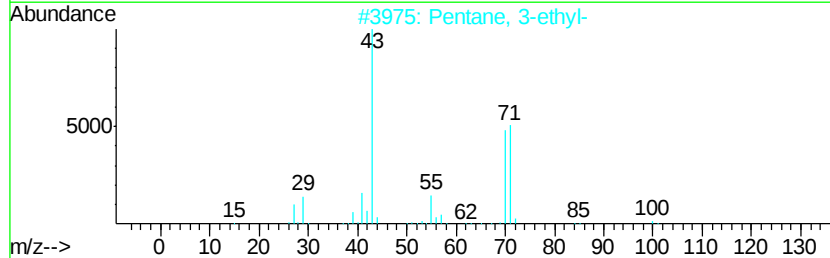
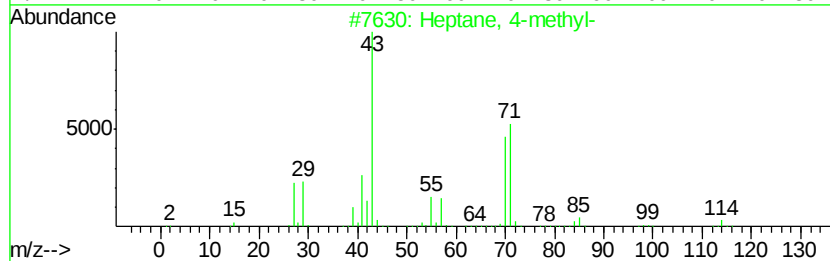
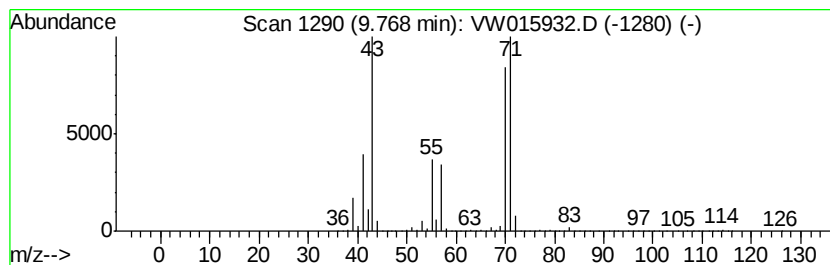
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2643.92 ug/L	103962000	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
2		Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY14

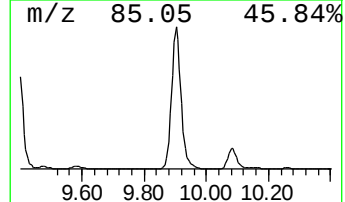
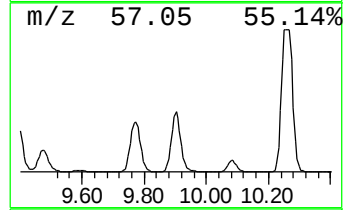
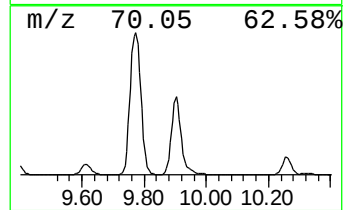
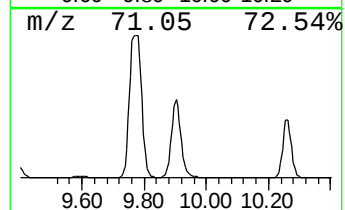
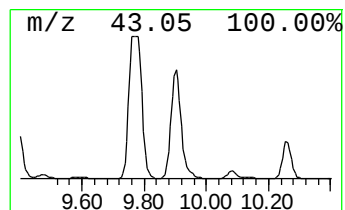
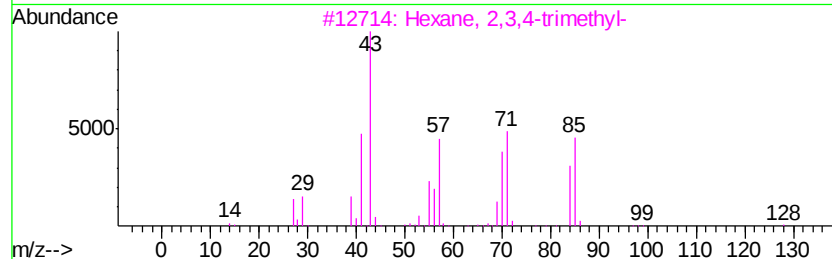
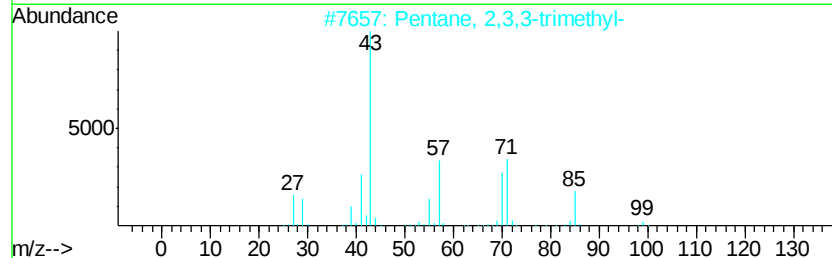
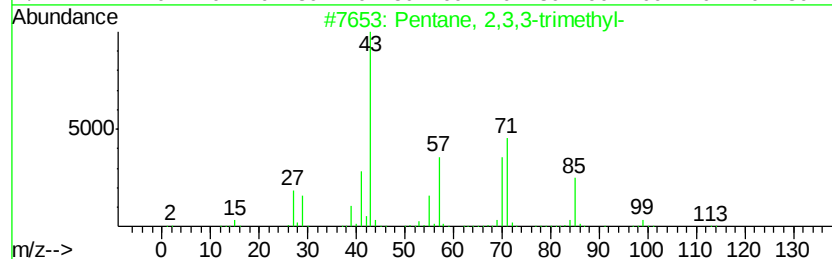
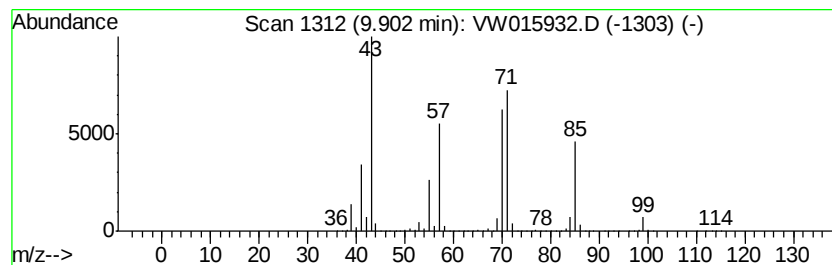
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	1739.54 ug/L	68401000	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

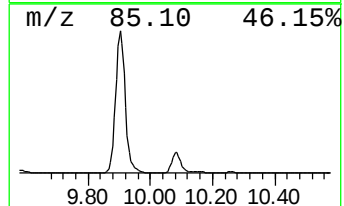
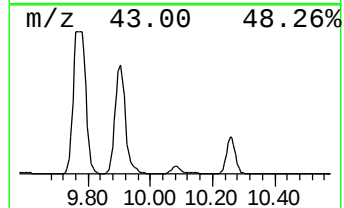
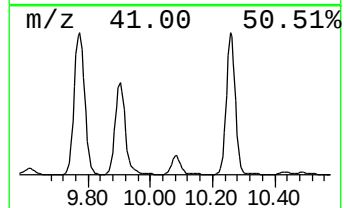
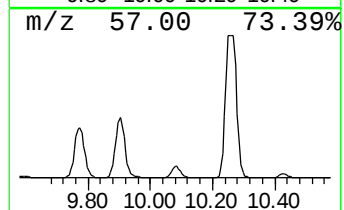
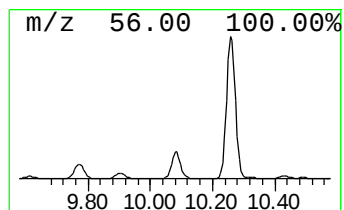
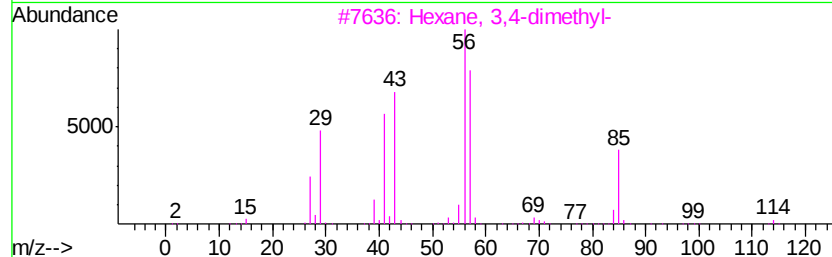
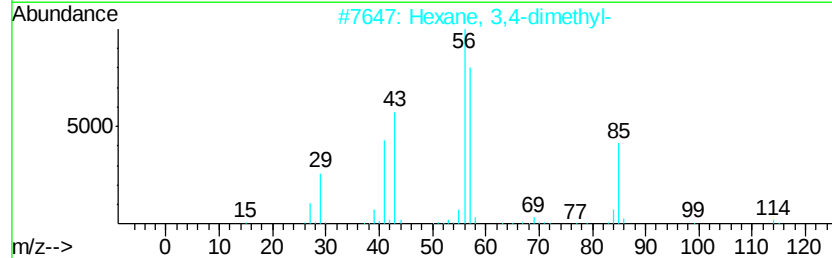
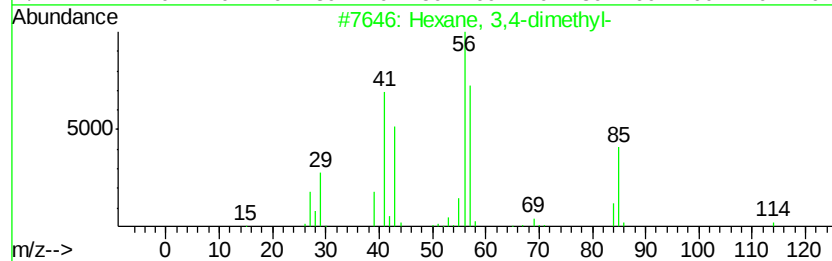
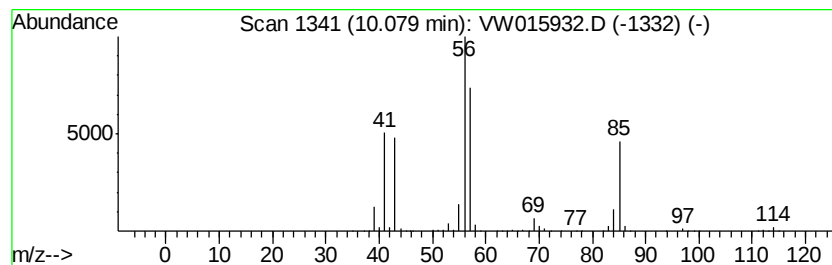
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	183.66 ug/L	7221840	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	91
2		Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	91
3		Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	83
4		Cyclopentanamine	85	C5H11N	001003-03-8	50
5		Furan, tetrahydro-2,5-dimethyl-,...	100	C6H12O	002144-41-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

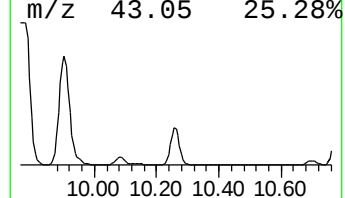
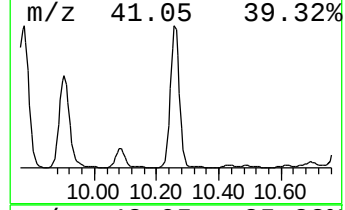
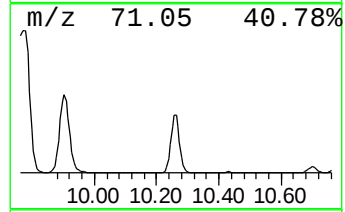
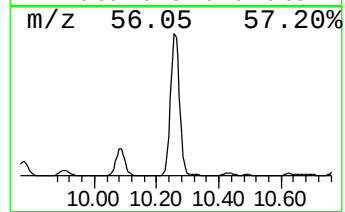
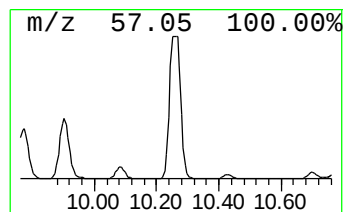
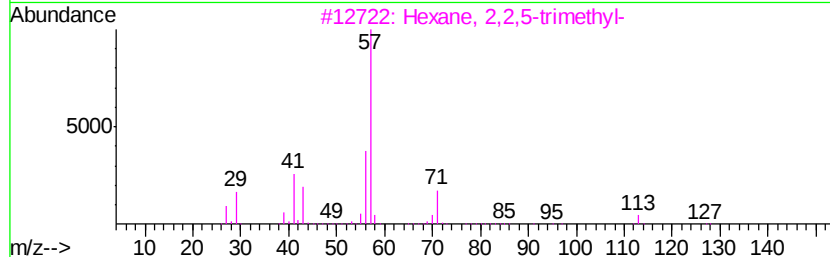
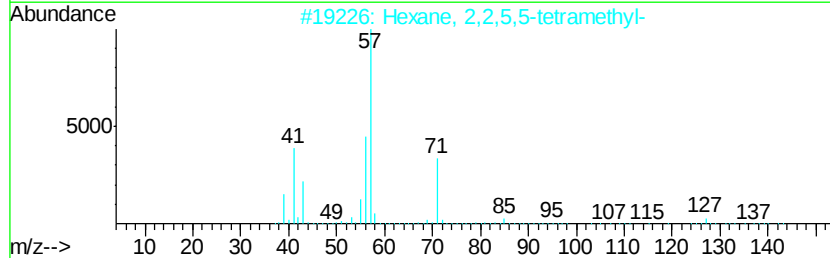
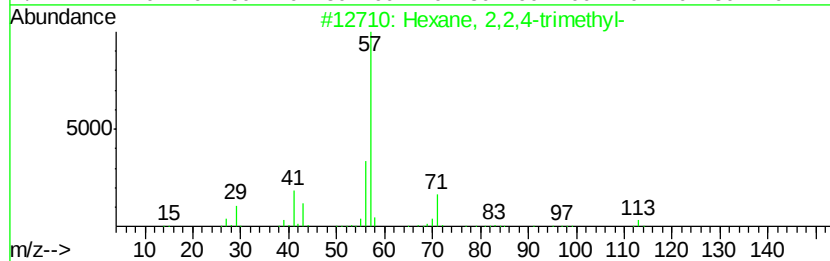
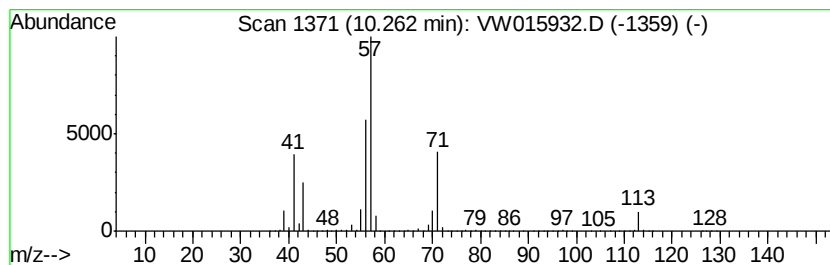
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	56.95 ug/L	65914000	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

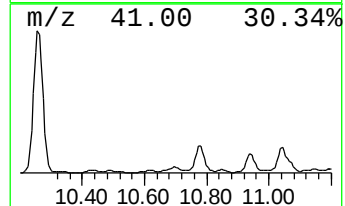
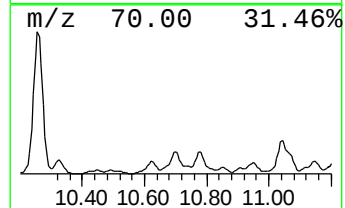
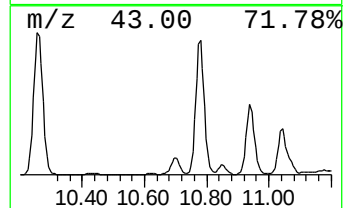
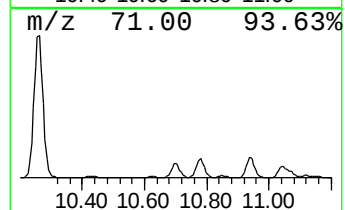
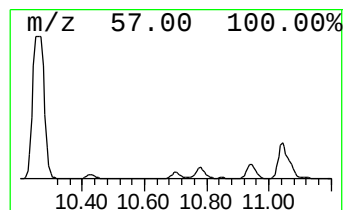
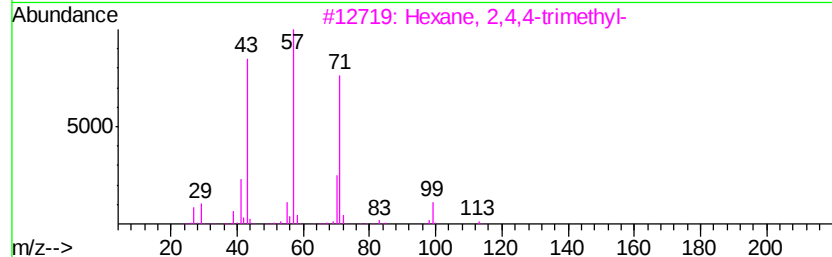
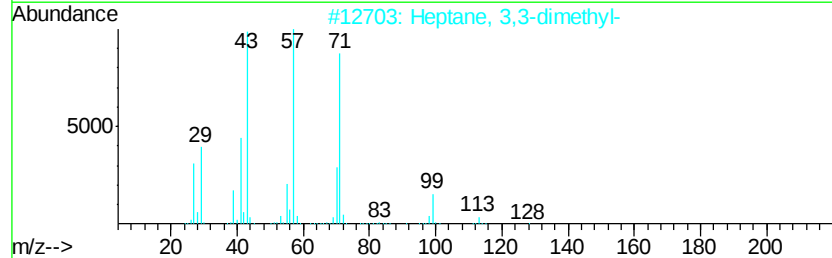
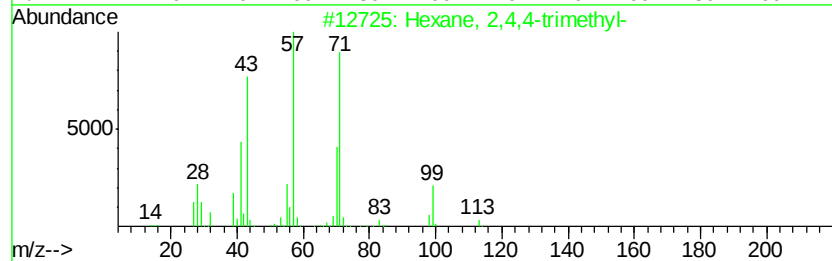
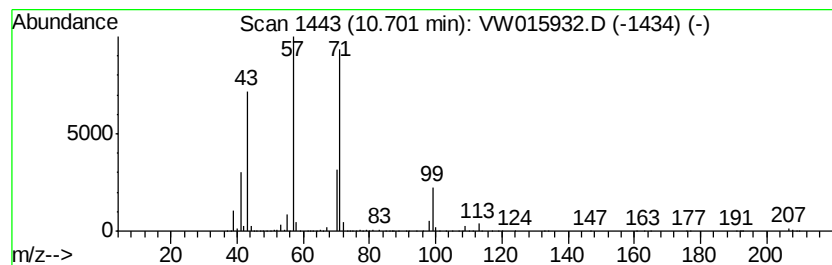
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	3.07 ug/L	3557210	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	90
2		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	78
3		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	74
4		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	74
5		Heptane	100	C7H16	000142-82-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

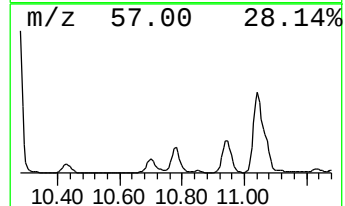
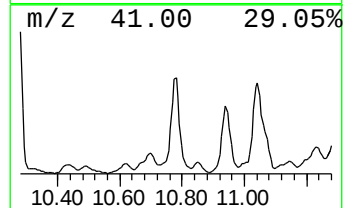
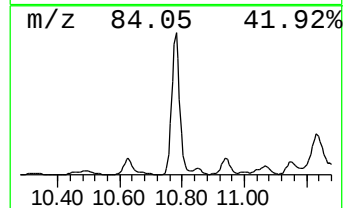
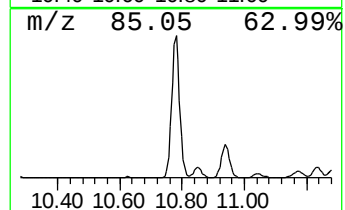
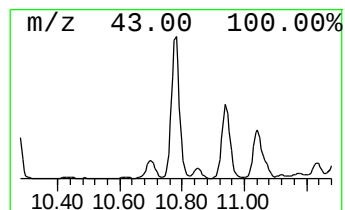
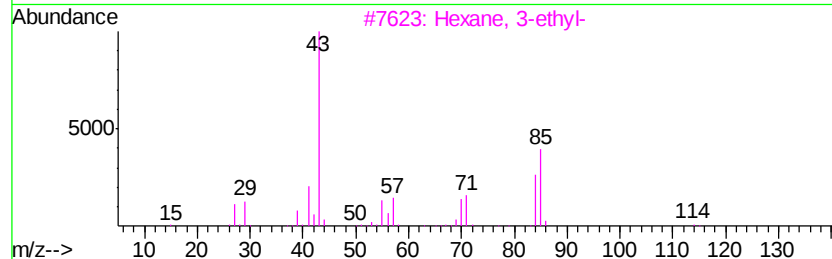
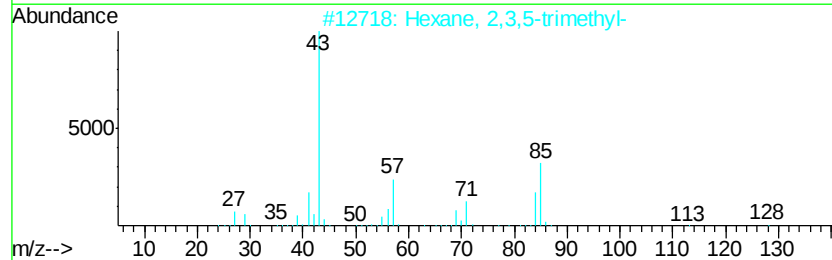
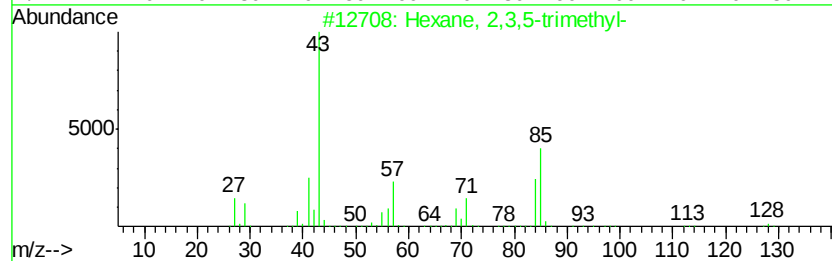
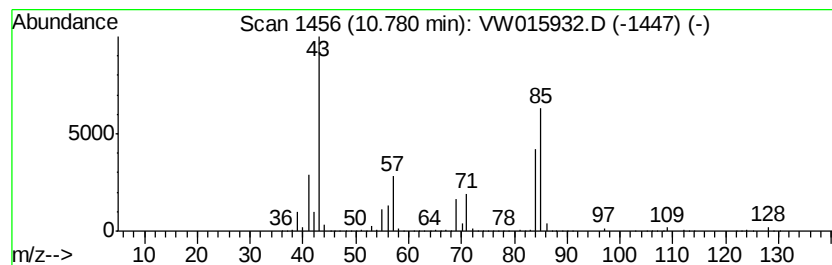
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	13.22 ug/L	15296700	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	87
2		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	83
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
4		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

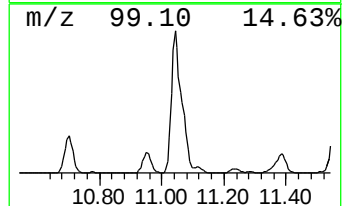
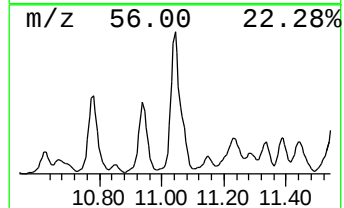
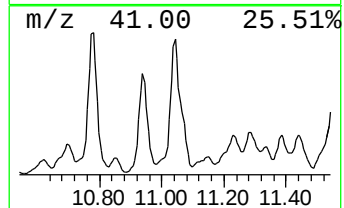
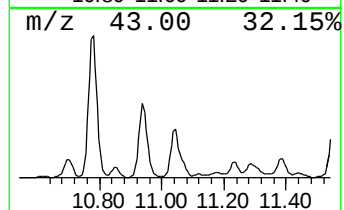
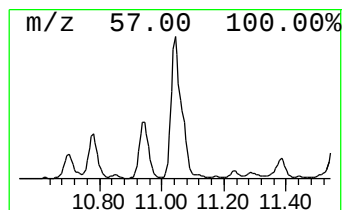
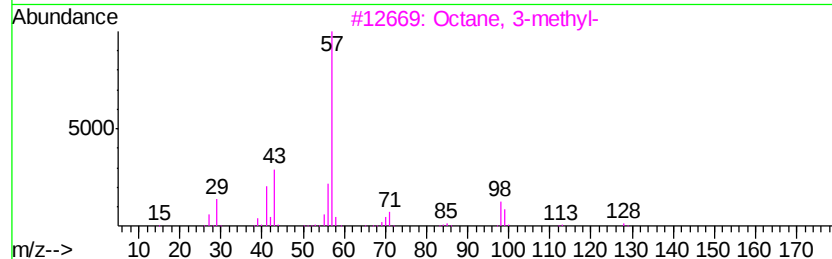
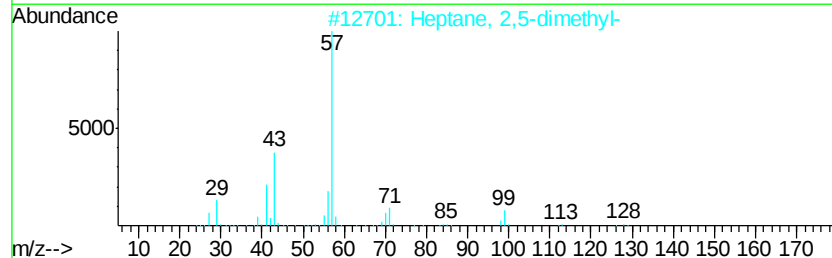
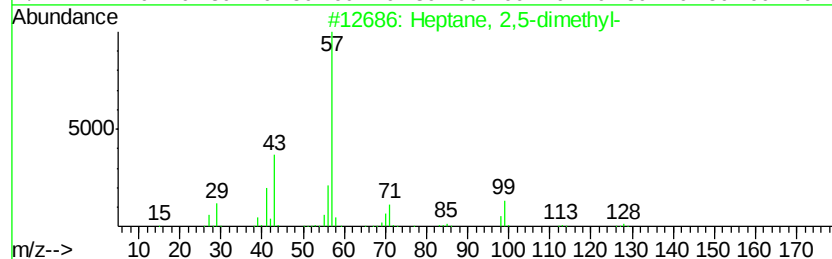
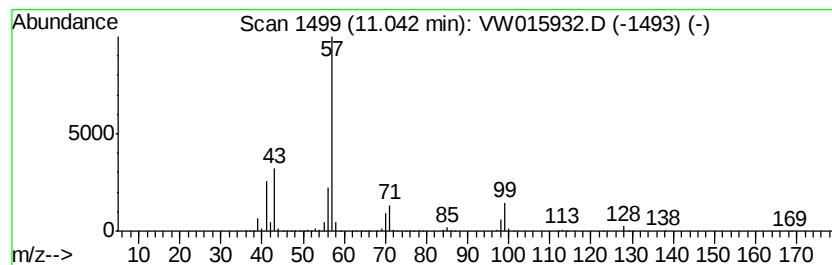
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	11.78 ug/L	13638100	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
3		Octane, 3-methyl-	128	C9H20	002216-33-3	87
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
5		Octane, 3-methyl-	128	C9H20	002216-33-3	78



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

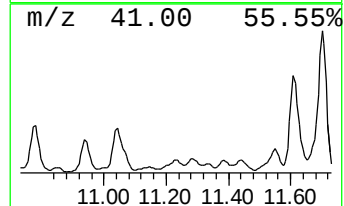
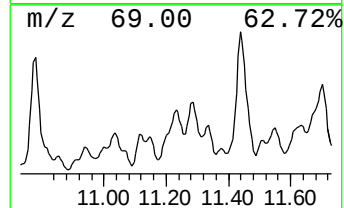
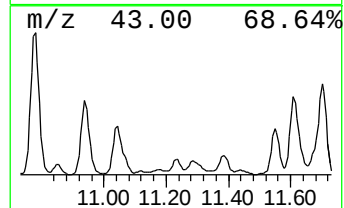
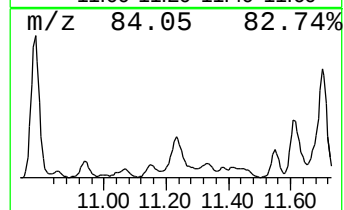
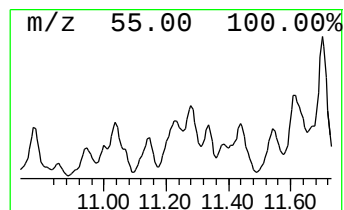
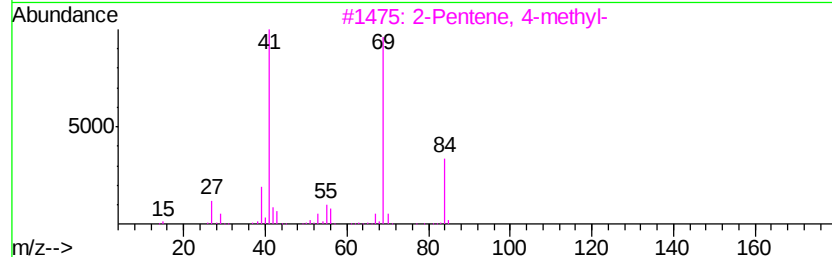
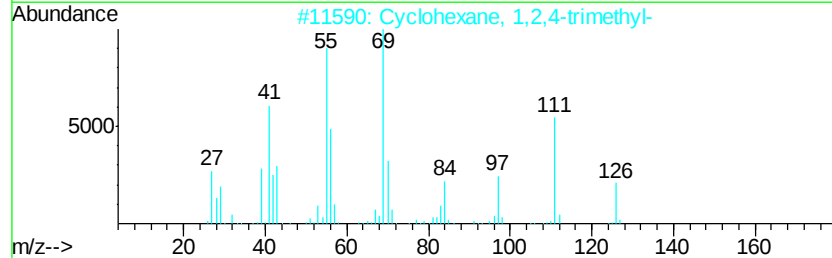
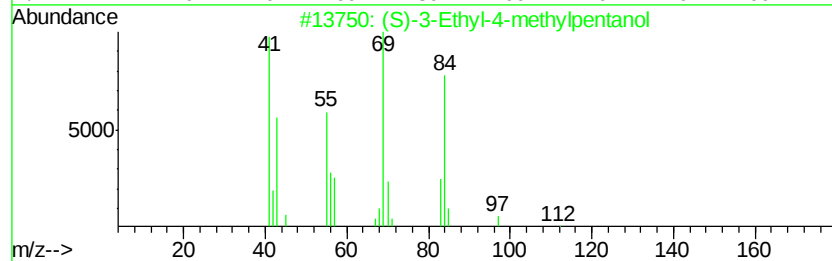
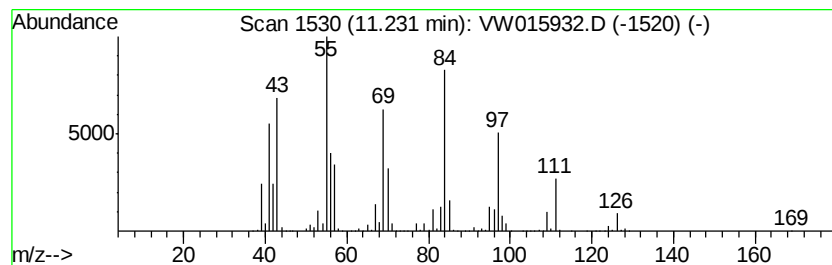
Instrument :
MSVOA_W
ClientSampleId :
GAY14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-01 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.23	4.74 ug/L	5482370	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	47	
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38	
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	27	
4	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	25	
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	25	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

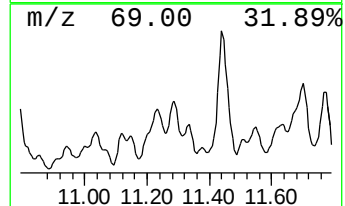
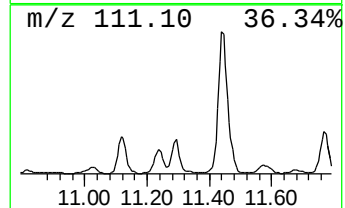
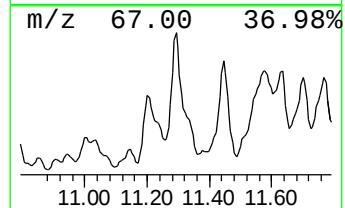
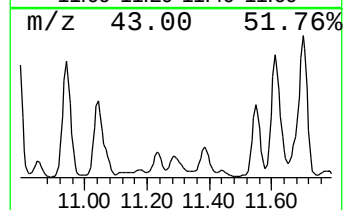
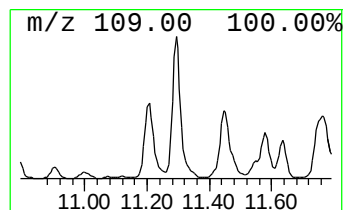
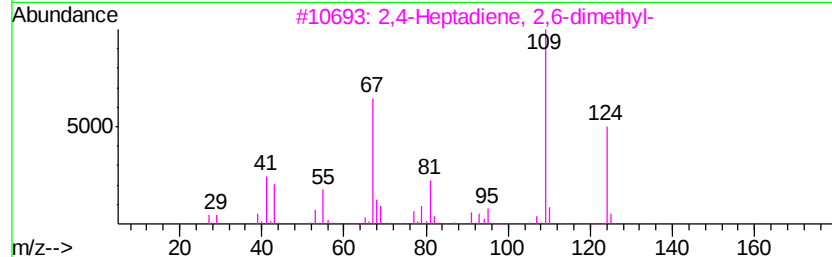
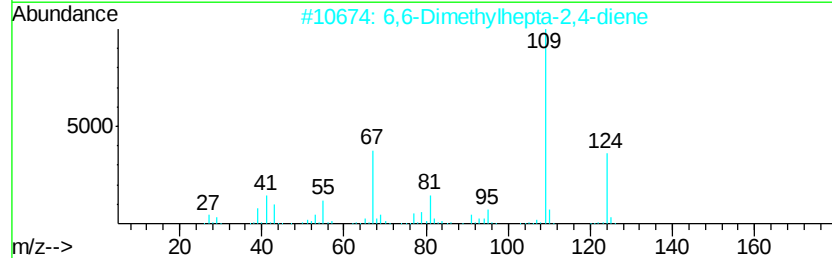
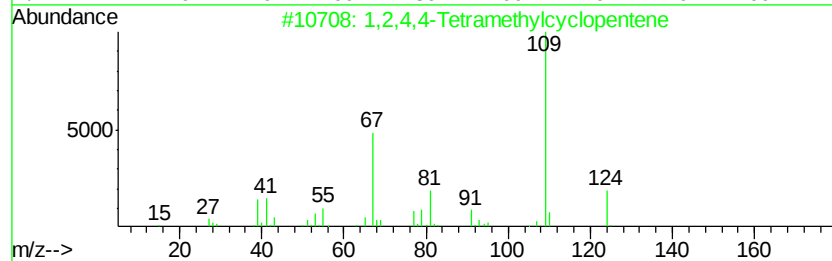
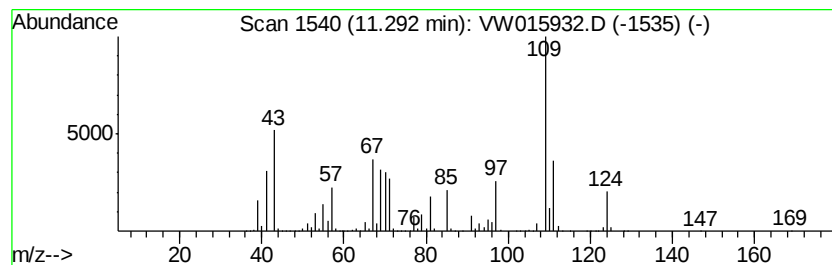
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,2,4,4-Tetramethylcyclopentene... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.15 ug/L	2483680	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	86
2			6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	46
3			2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	41
4			Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	38
5			3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

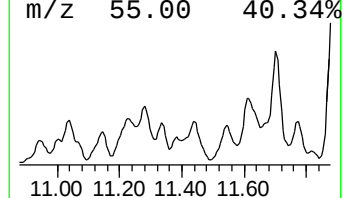
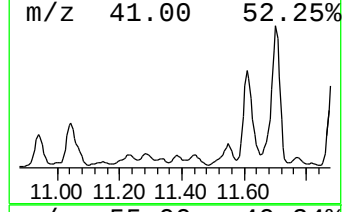
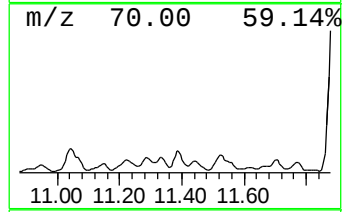
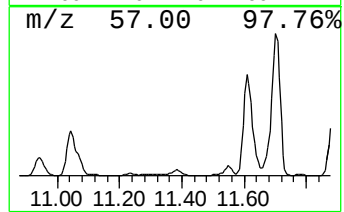
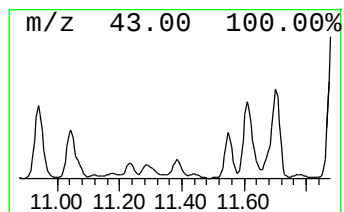
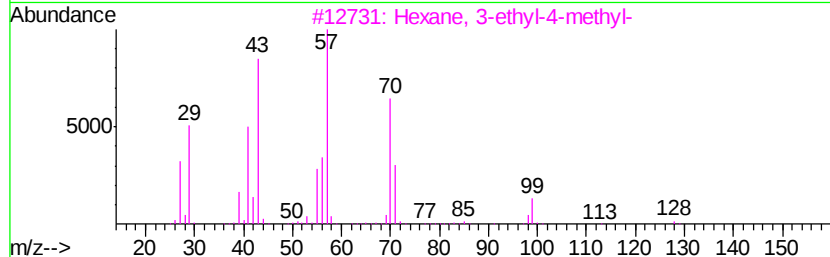
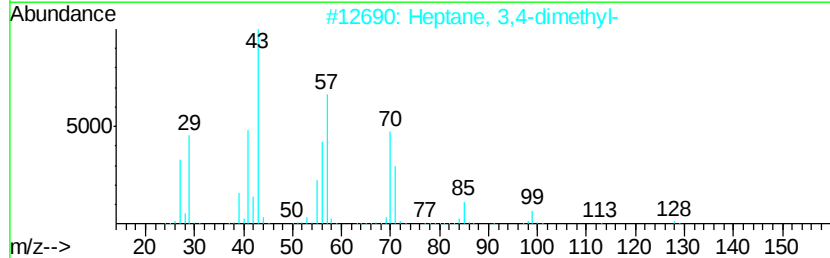
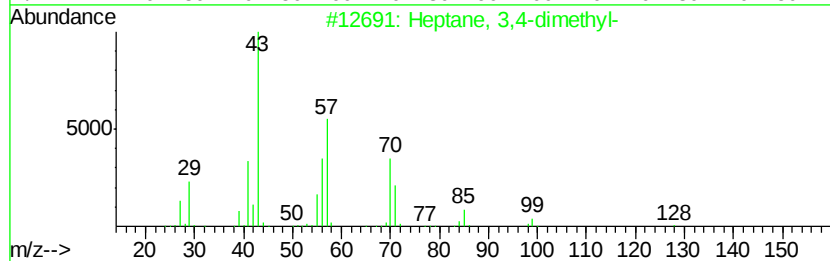
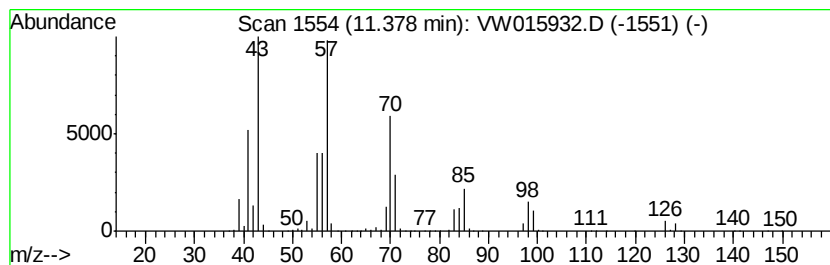
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	1.84 ug/L	2134590	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	72
2		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
3		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	64
4		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	59
5		Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY14

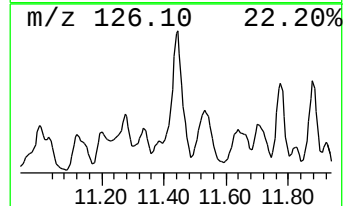
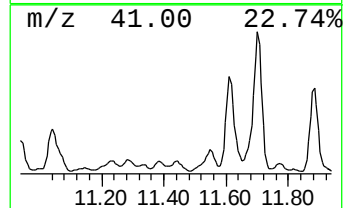
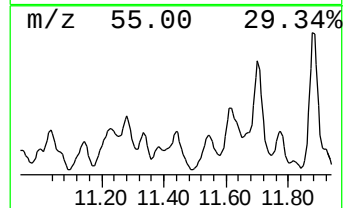
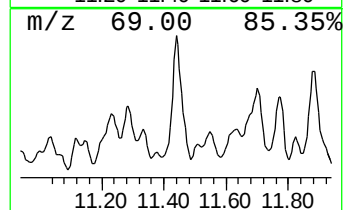
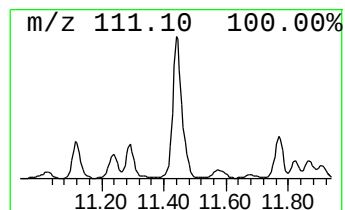
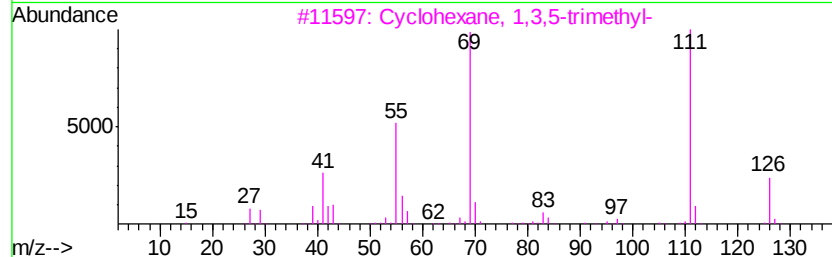
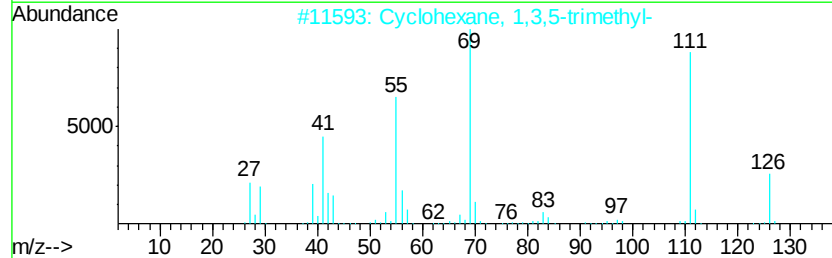
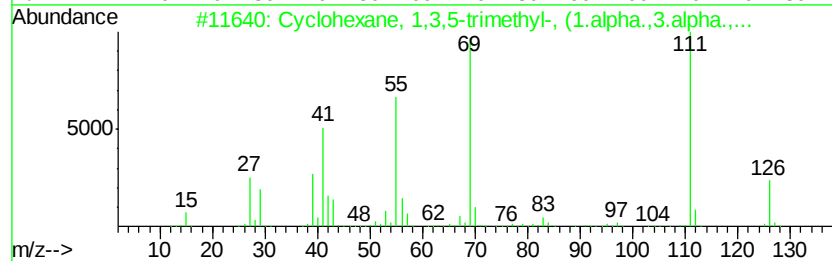
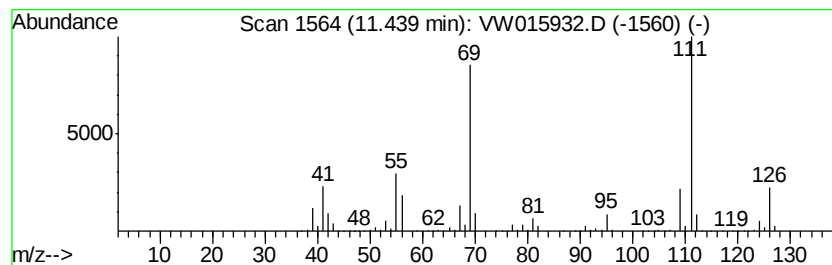
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic11.44 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	4.37 ug/L	5052240	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	80
2		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4		2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	64
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

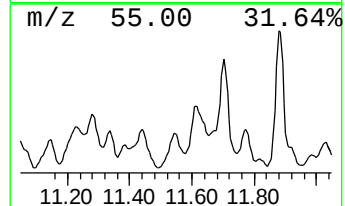
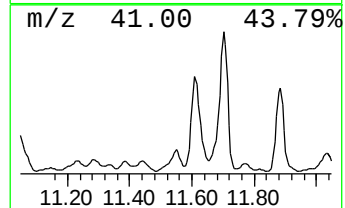
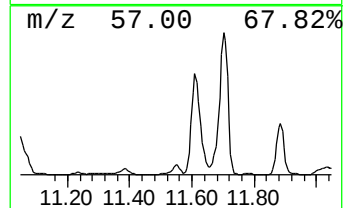
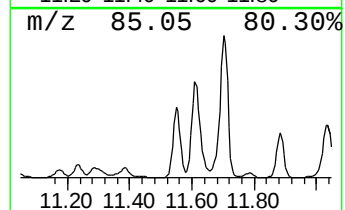
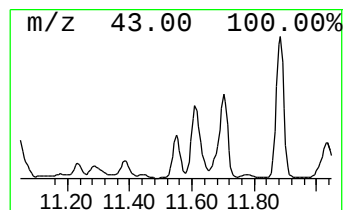
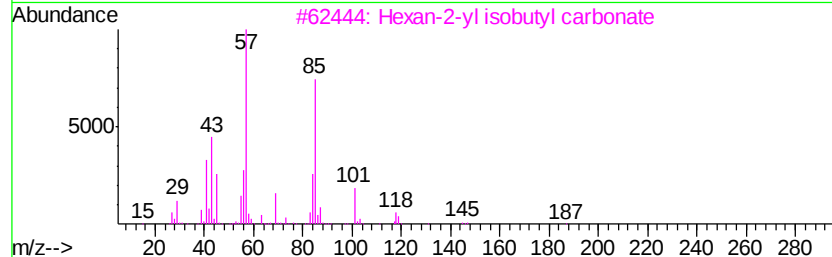
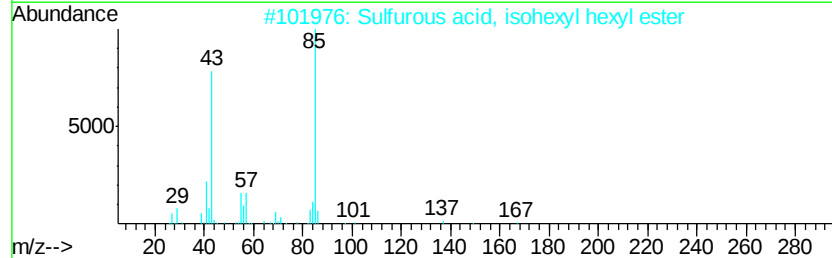
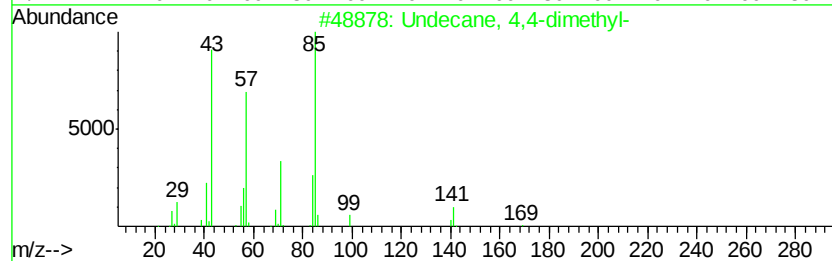
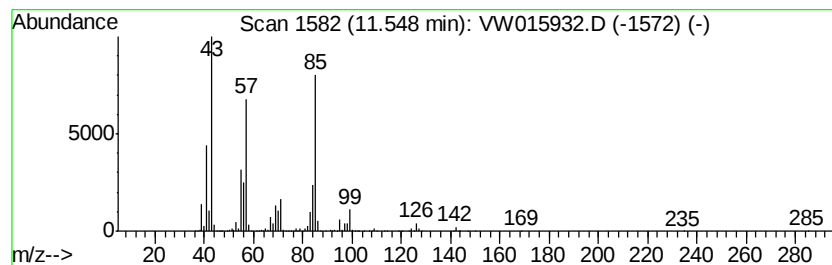
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	7.08 ug/L	8189600	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	59
2			Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	59
3			Hexan-2-yl isobutyl carbonate	202	C11H22O3	1000372-75-5	59
4			1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	53
5			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

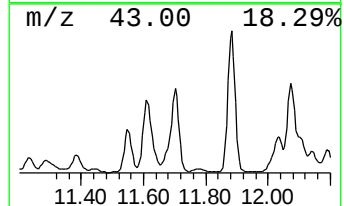
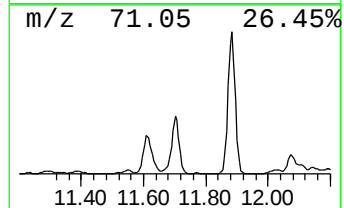
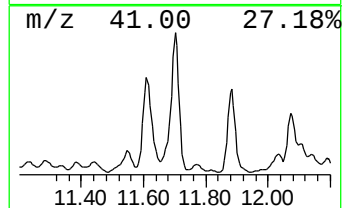
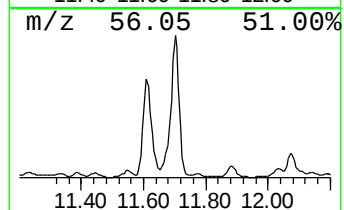
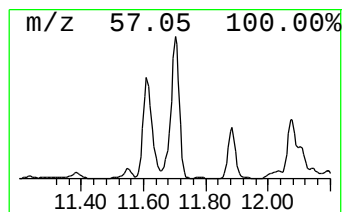
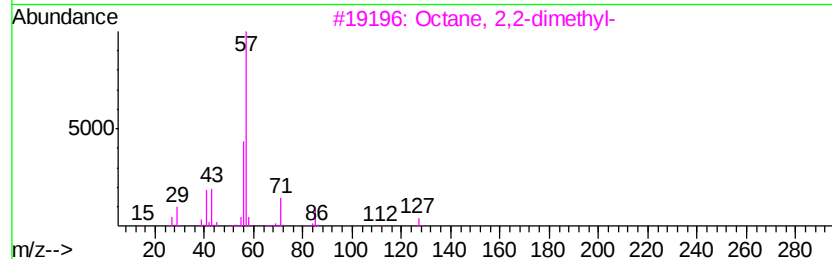
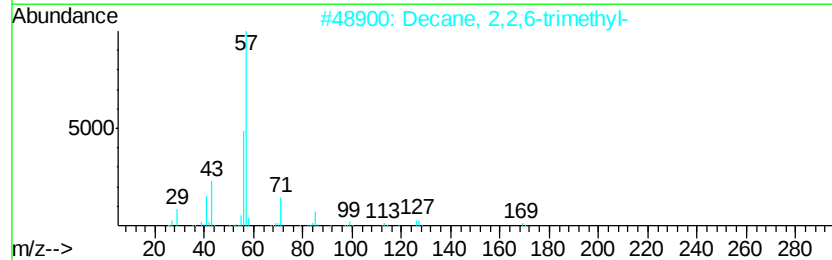
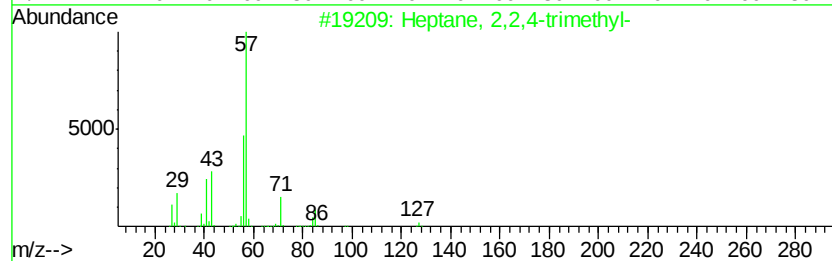
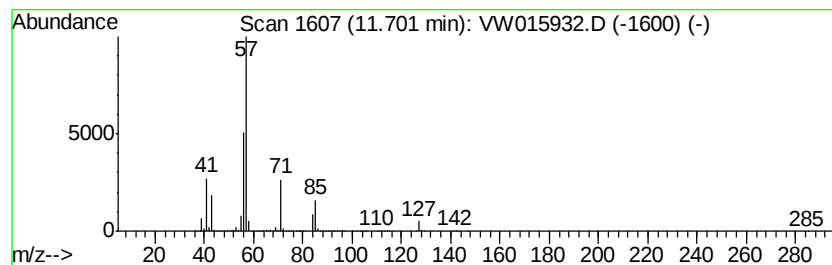
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	32.94 ug/L	38124600	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	78
2		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
3		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	72
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

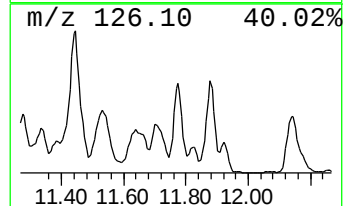
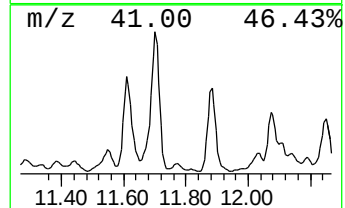
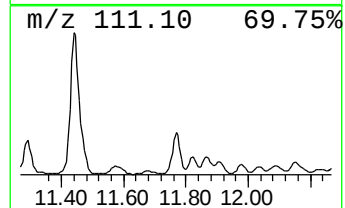
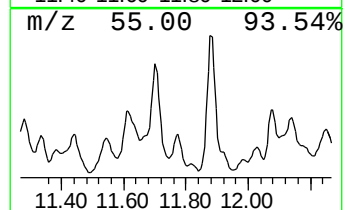
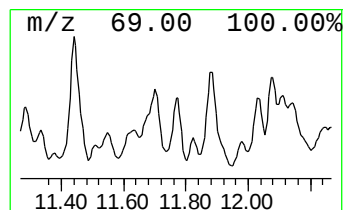
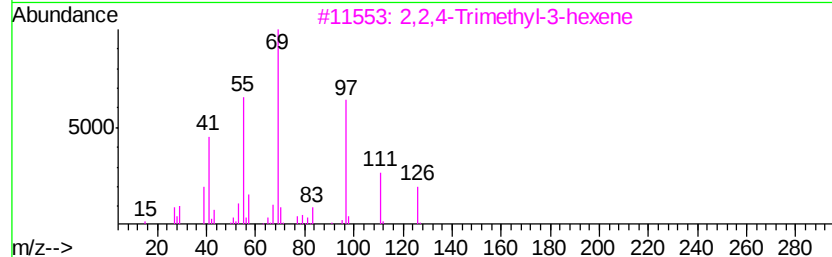
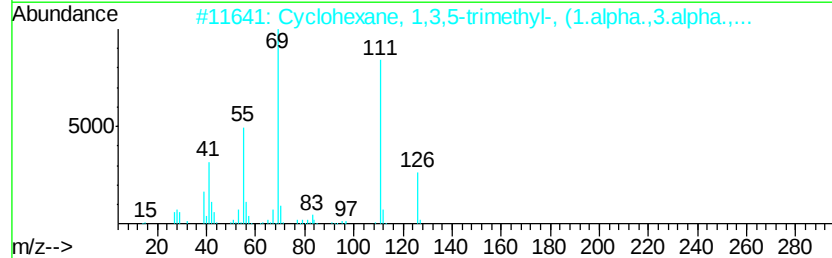
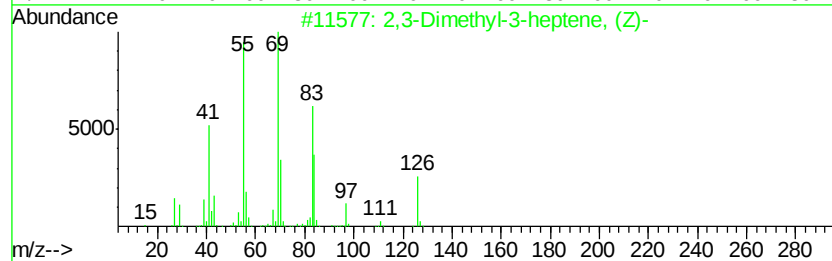
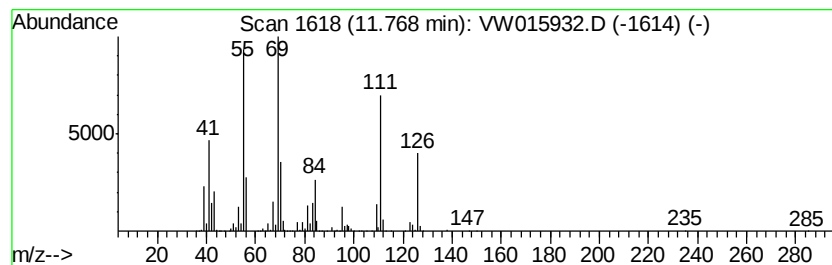
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	1.69 ug/L	1957900	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene, (Z)-		126	C9H18		059643-73-1	59
2	Cyclohexane, 1,3,5-trimethyl-, (...		126	C9H18		001795-27-3	59
3	2,2,4-Trimethyl-3-hexene		126	C9H18		059643-72-0	50
4	Cyclohexane, 1,3,5-trimethyl-, (...		126	C9H18		001795-26-2	50
5	2-(Acetylmethylene)tetrahydrofuran		126	C7H10O2		112595-65-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

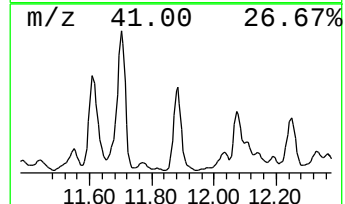
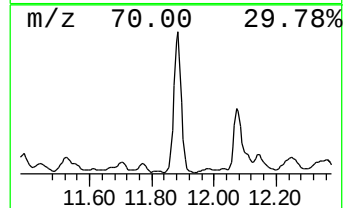
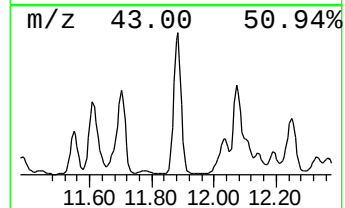
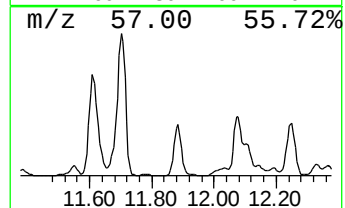
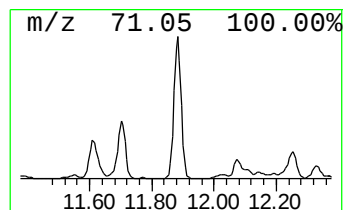
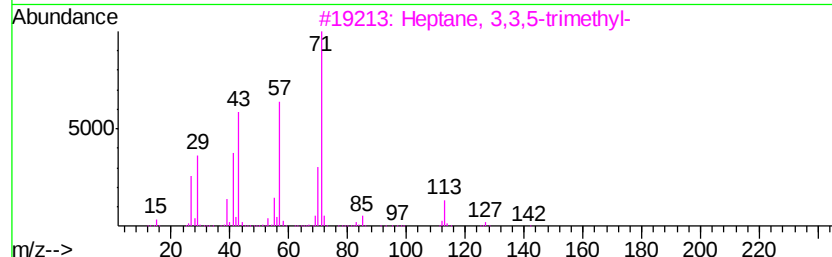
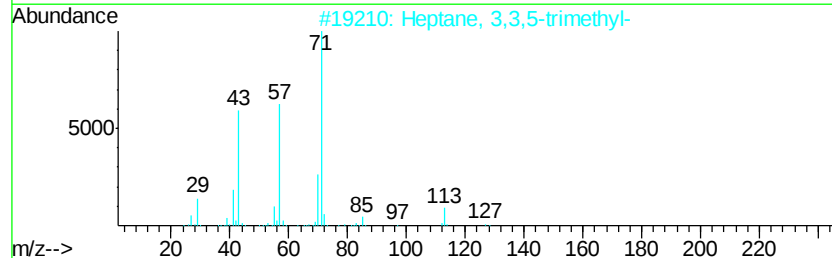
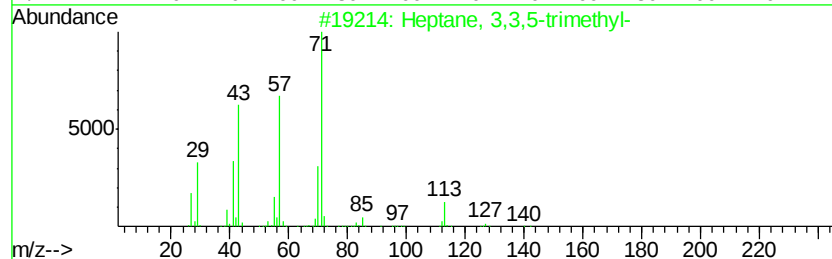
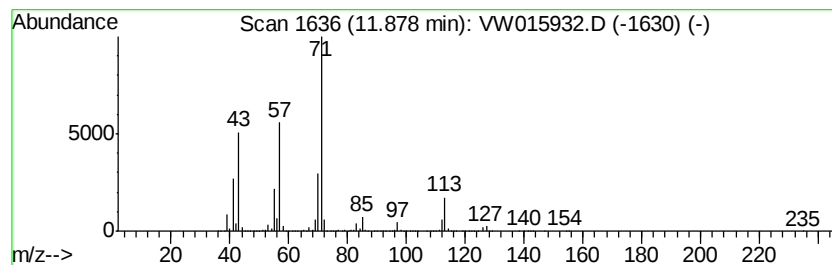
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	25.90 ug/L	29978400	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	83
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	83
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	83
4		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	83
5		1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

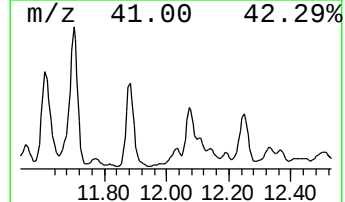
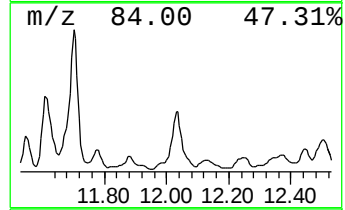
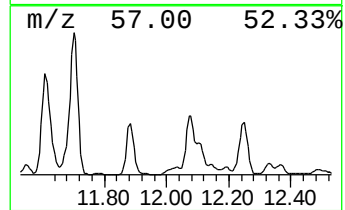
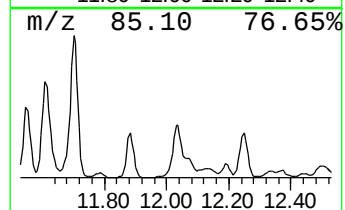
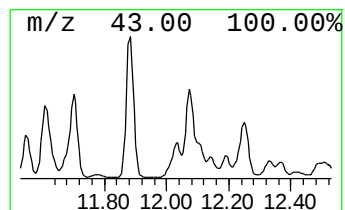
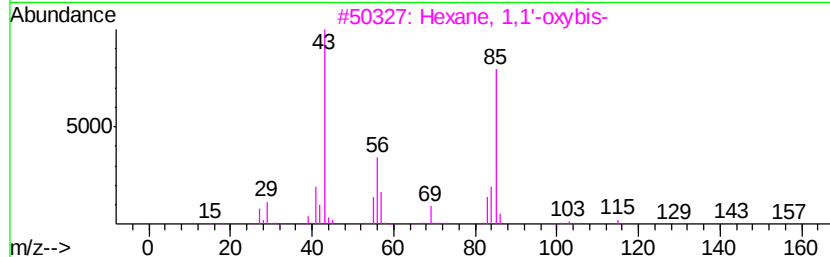
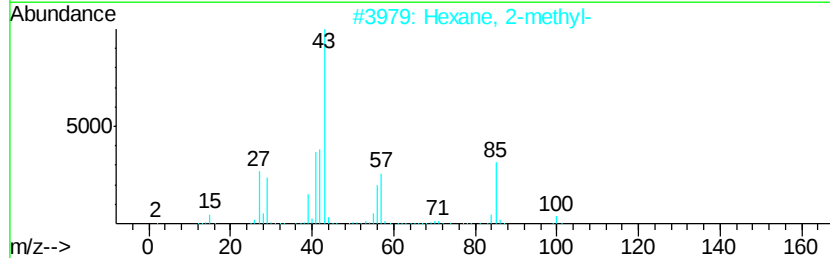
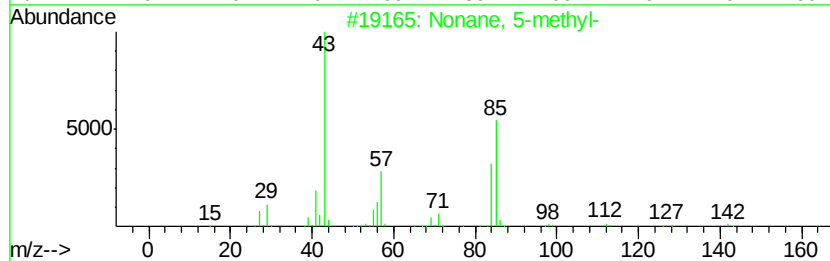
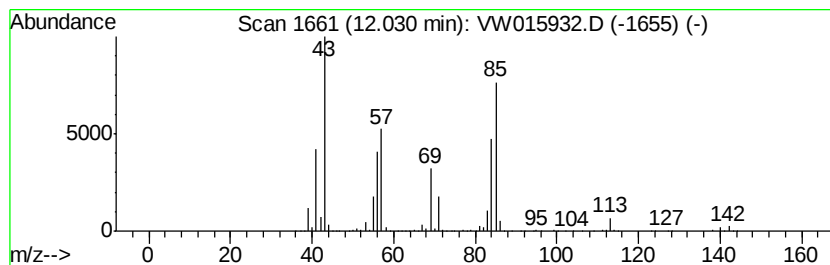
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	4.06 ug/L	4703440	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-methyl-	142	C10H22	015869-85-9	64
2			Hexane, 2-methyl-	100	C7H16	000591-76-4	59
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
4			2-Methylpentyl isovalerate	186	C11H22O2	1000236-38-7	59
5			Nonane, 5-methyl-	142	C10H22	015869-85-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

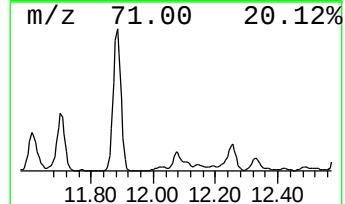
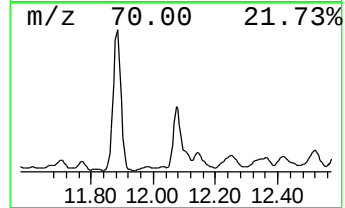
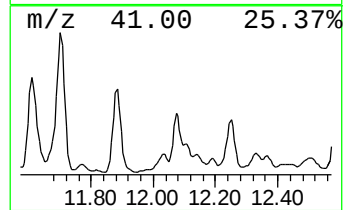
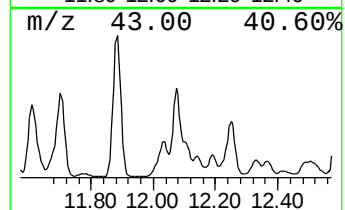
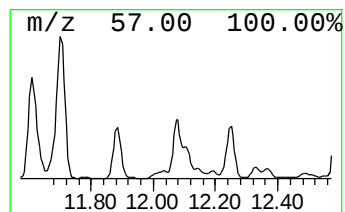
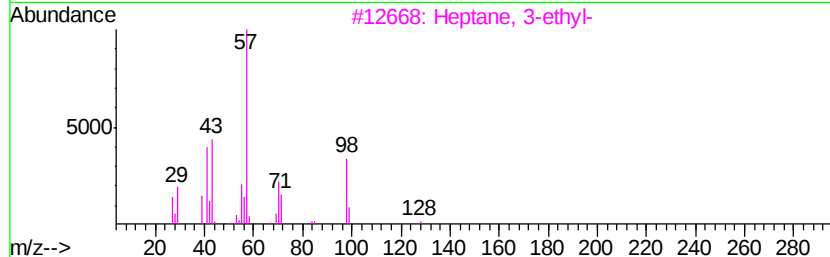
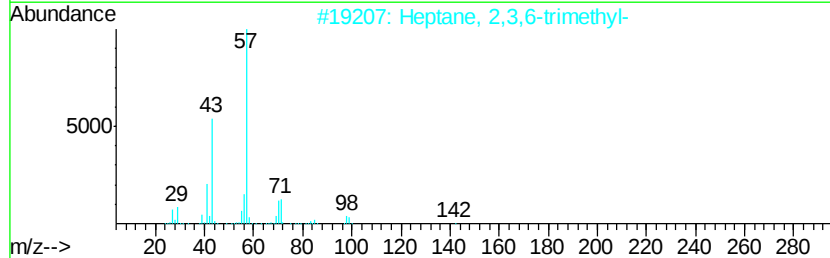
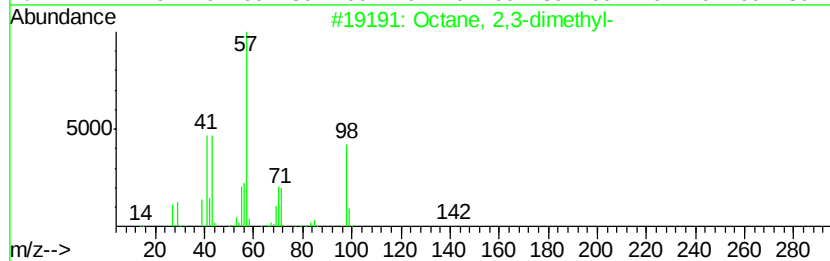
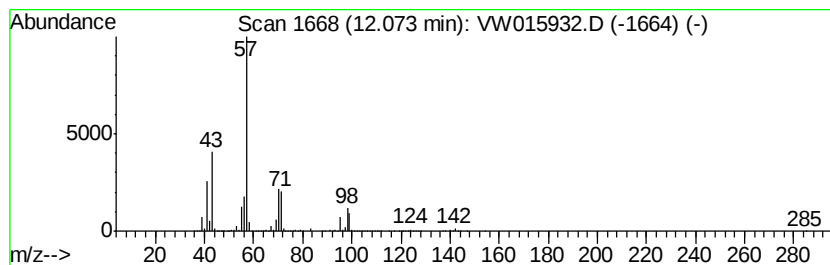
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	11.28 ug/L	13055000	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
2		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	72
3		Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
5		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

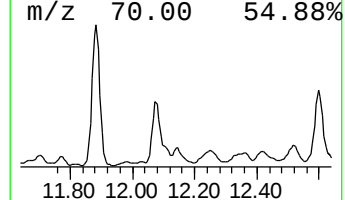
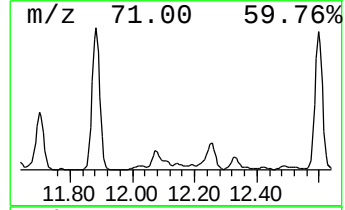
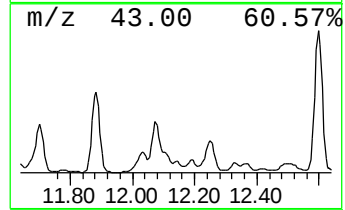
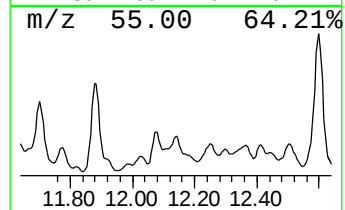
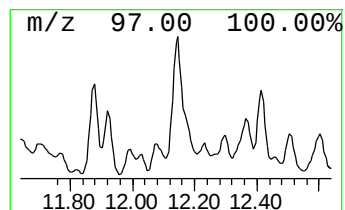
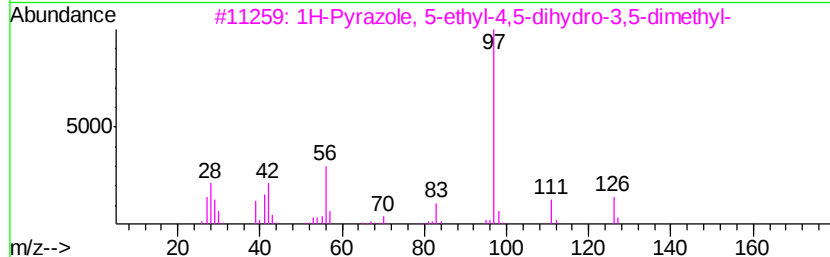
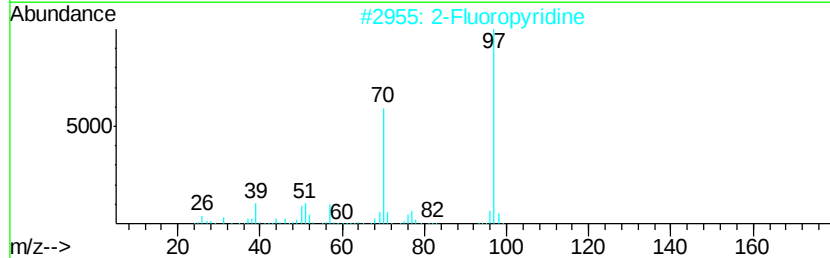
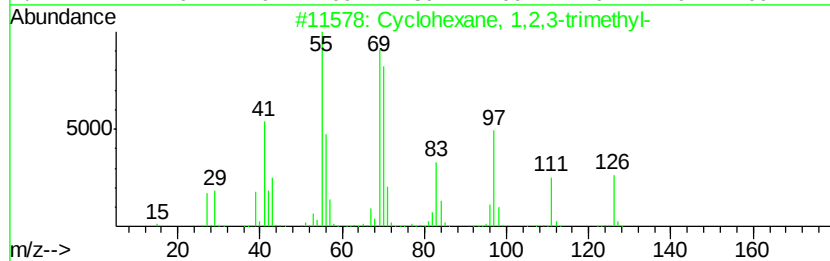
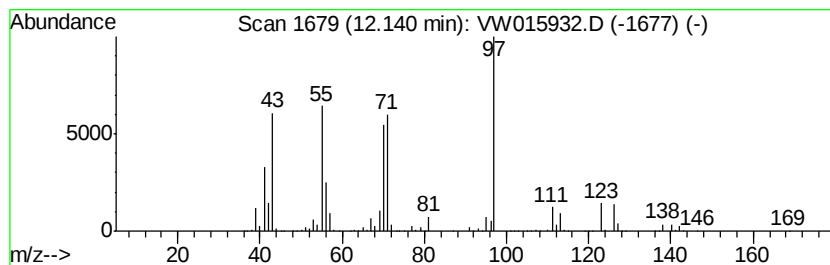
Instrument :
MSVOA_W
ClientSampleId :
GAY14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Cyclic12.14 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.14	2.17 ug/L	2512100	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	45
2	2-Fluoropyridine	97	C5H4FN	000372-48-5	43
3	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	43
4	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	43
5	1-Octene, 3-methyl-	126	C9H18	013151-08-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

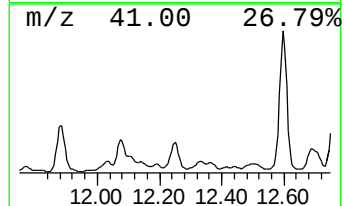
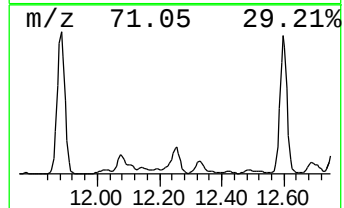
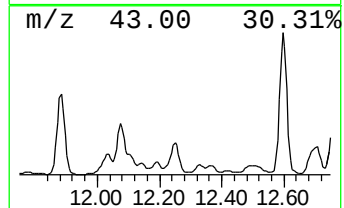
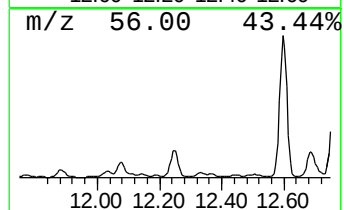
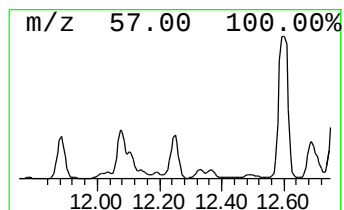
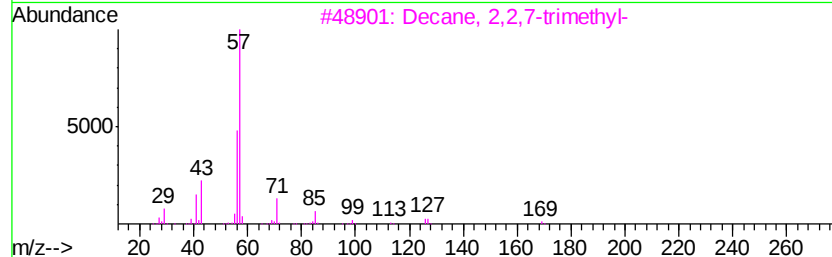
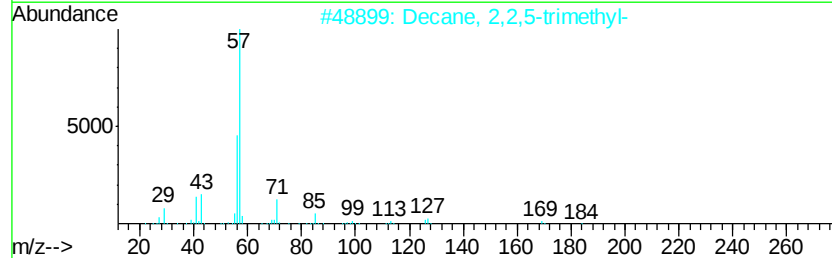
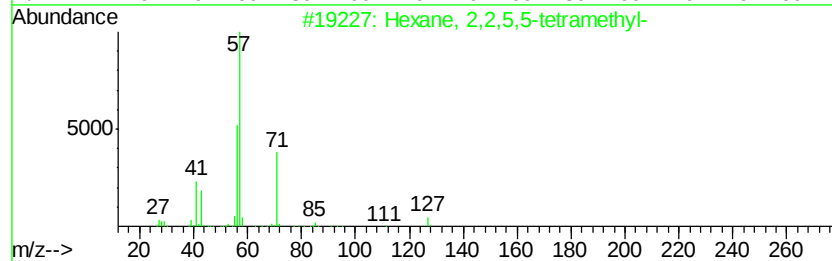
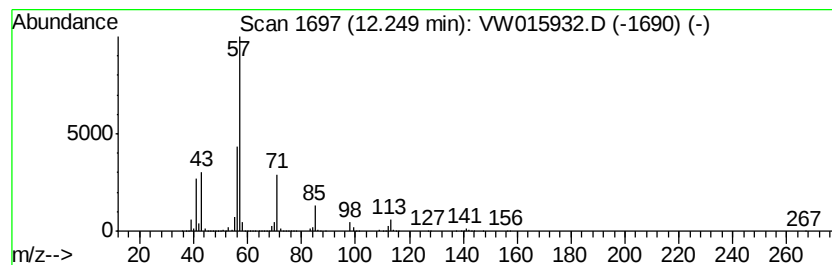
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	11.79 ug/L	13643100	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
2		Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	59
3		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	59
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

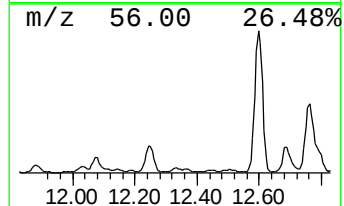
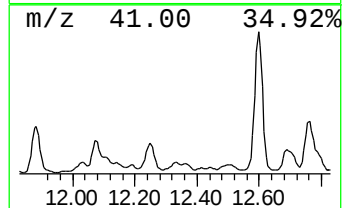
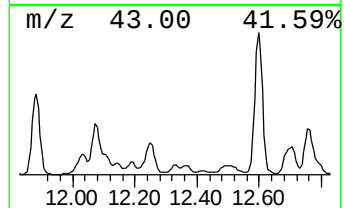
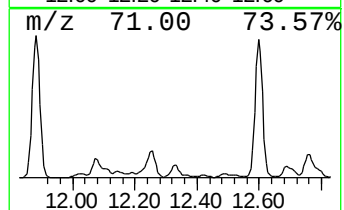
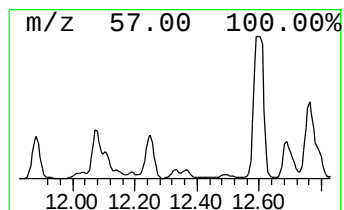
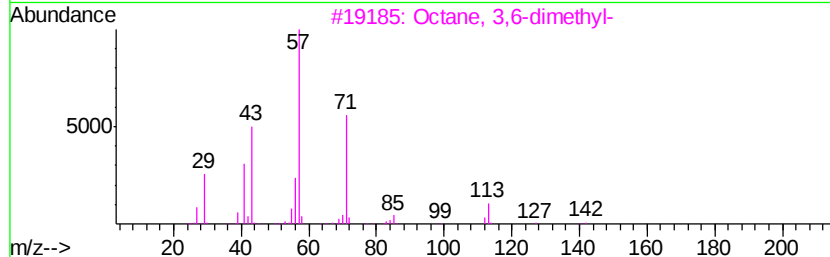
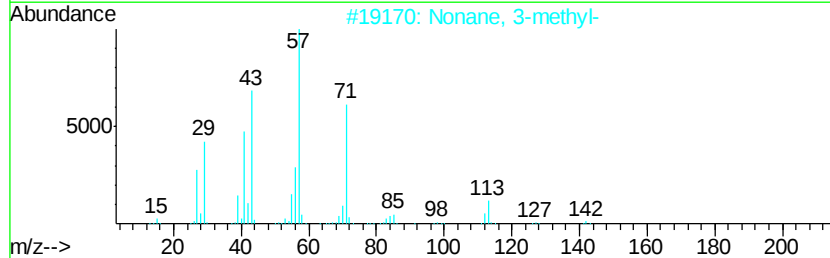
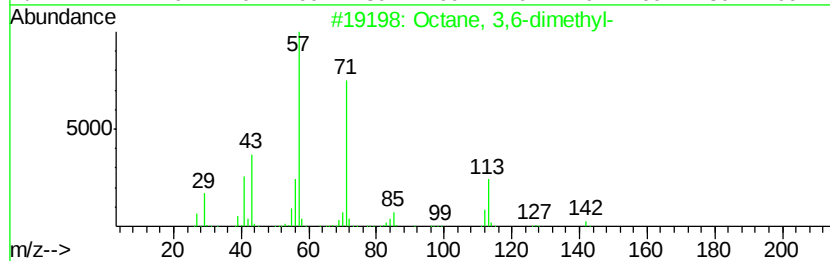
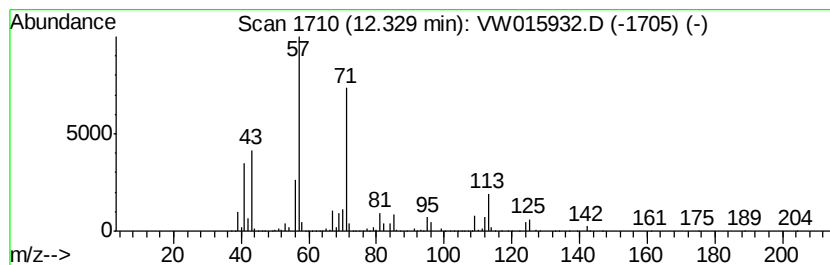
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.39 ug/L	3920350	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	93
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	83
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

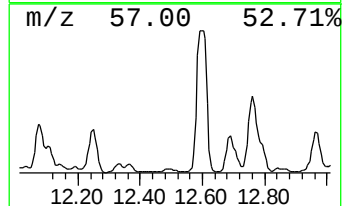
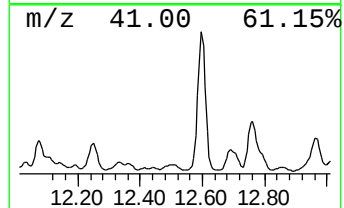
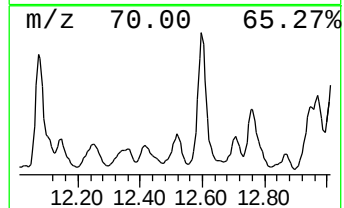
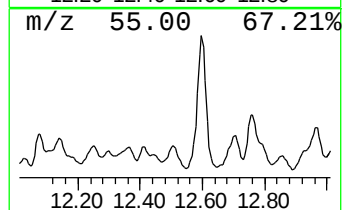
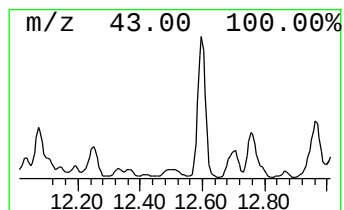
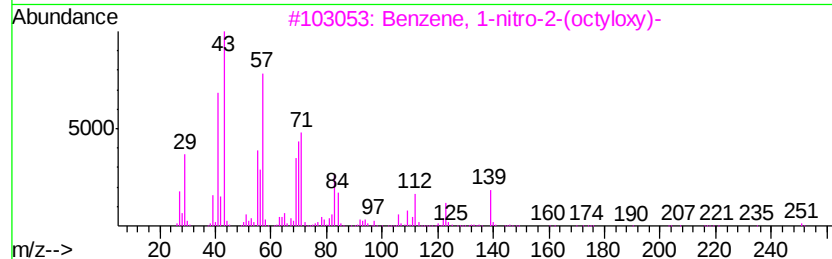
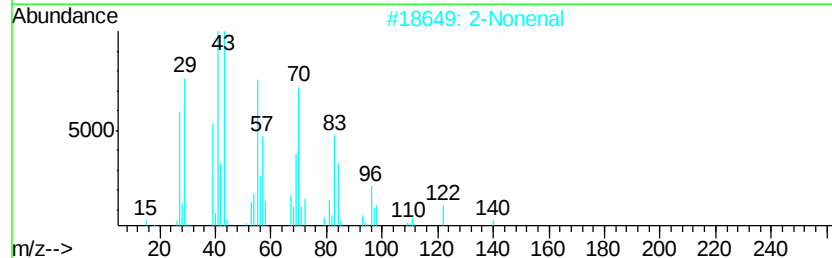
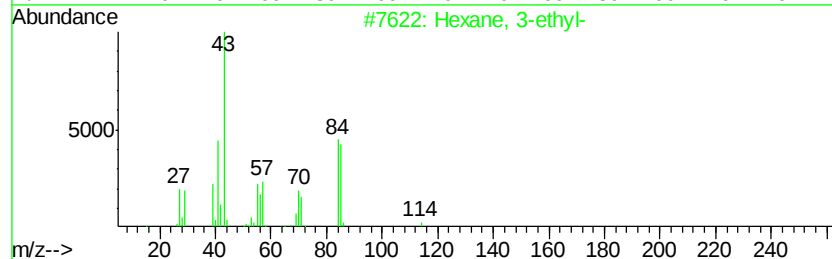
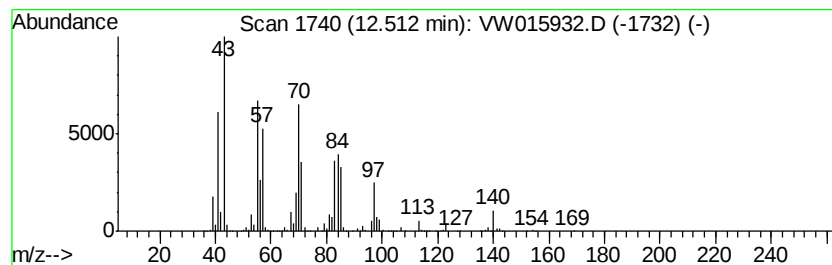
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.90 ug/L	5670000	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-		114	C8H18	000619-99-8	49
2	2-Nonenal		140	C9H16O	002463-53-8	46
3	Benzene, 1-nitro-2-(octyloxy)-		251	C14H21NO3	037682-29-4	35
4	3-Octene, 2,6-dimethyl-		140	C10H20	006874-28-8	30
5	Octane, 4,5-diethyl-		170	C12H26	001636-41-5	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

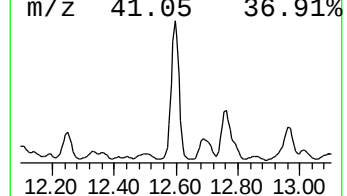
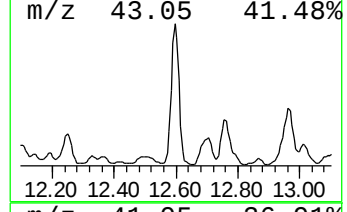
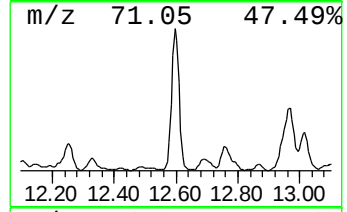
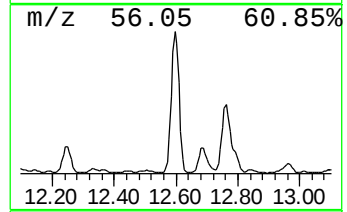
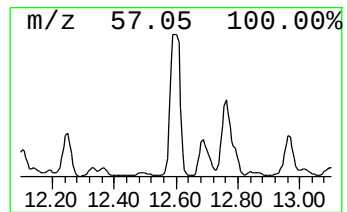
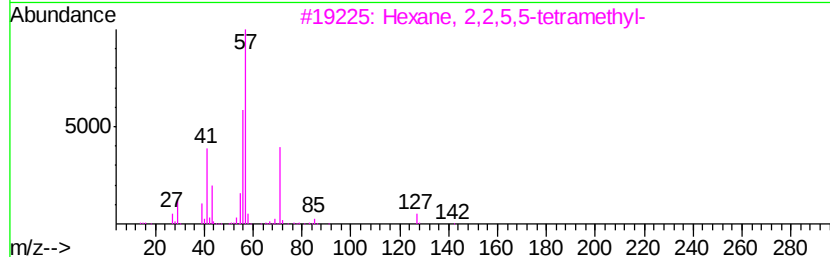
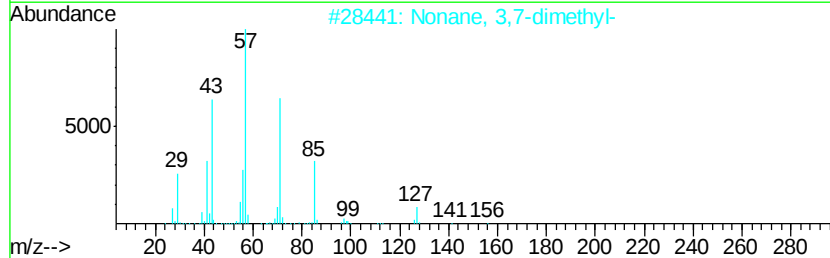
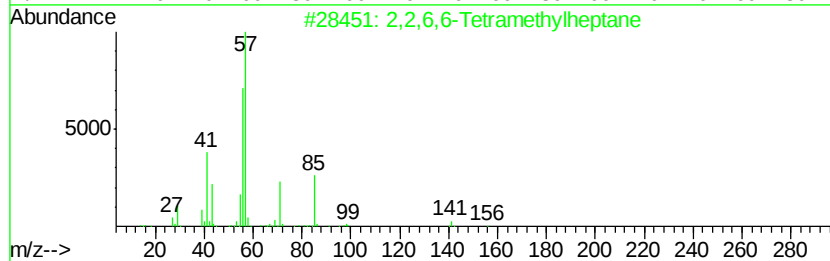
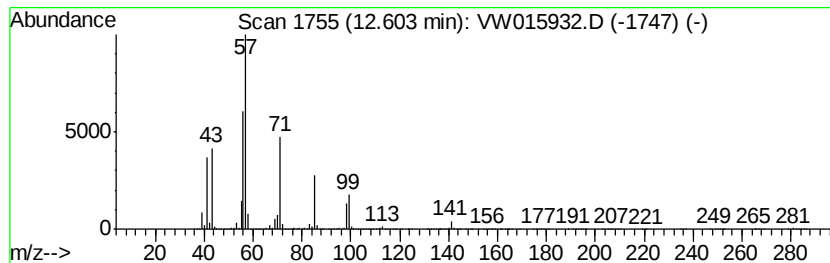
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	1360.70 ug/L	71201600	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6,6-Tetramethylheptane		156	C11H24	040117-45-1	53
2	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	50
3	Hexane, 2,2,5,5-tetramethyl-		142	C10H22	001071-81-4	50
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	50
5	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

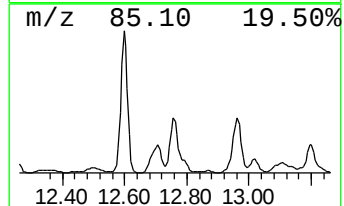
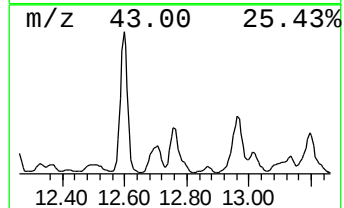
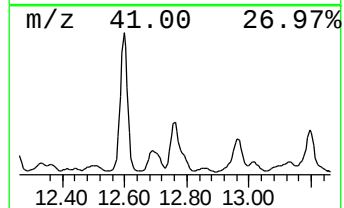
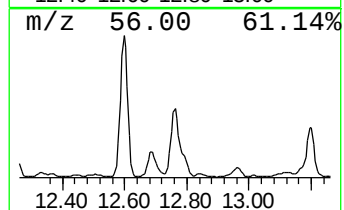
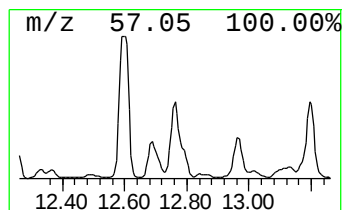
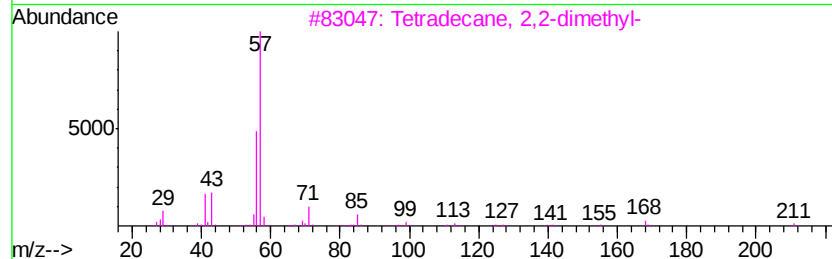
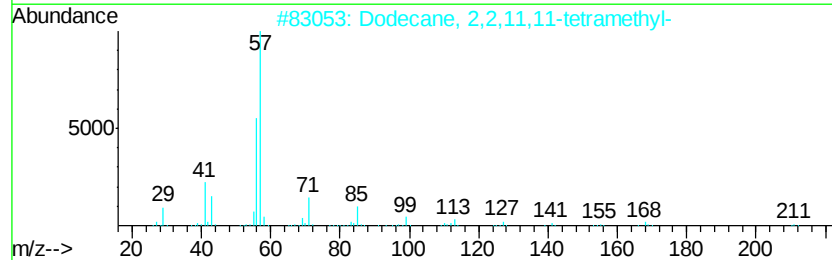
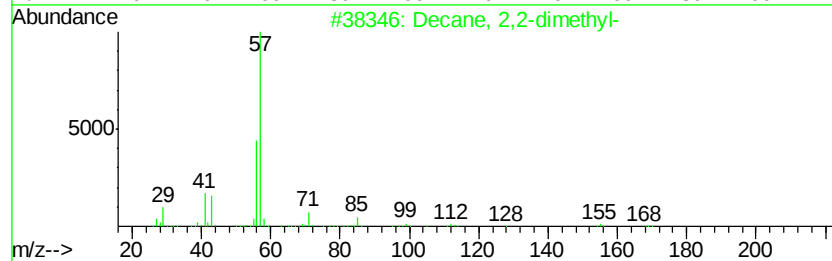
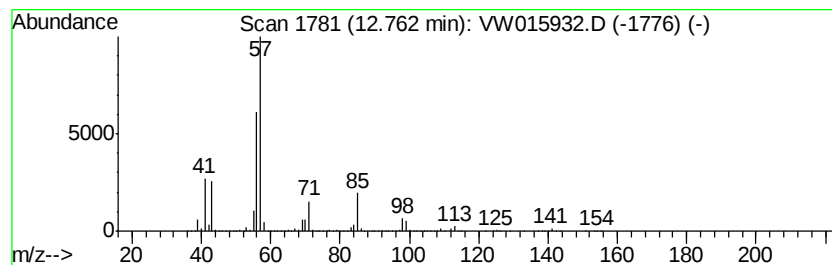
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	619.27 ug/L	32404500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
3		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59
4		2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	53
5		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

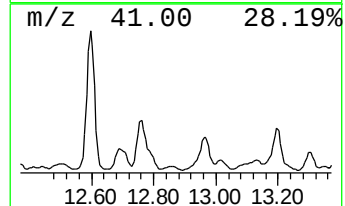
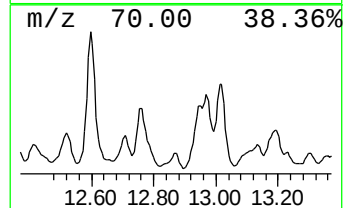
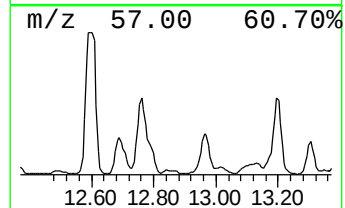
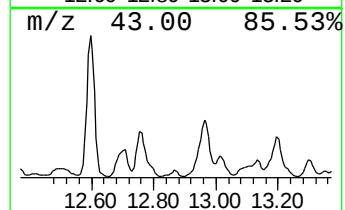
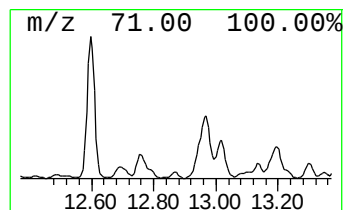
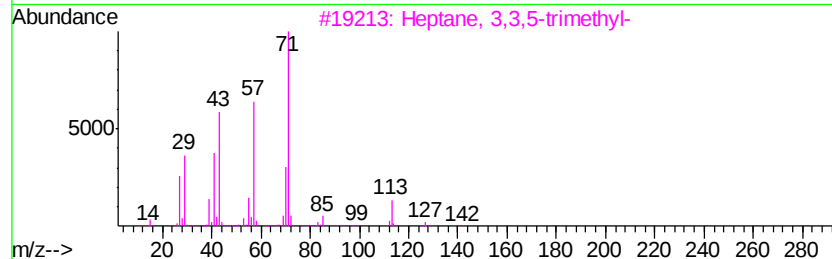
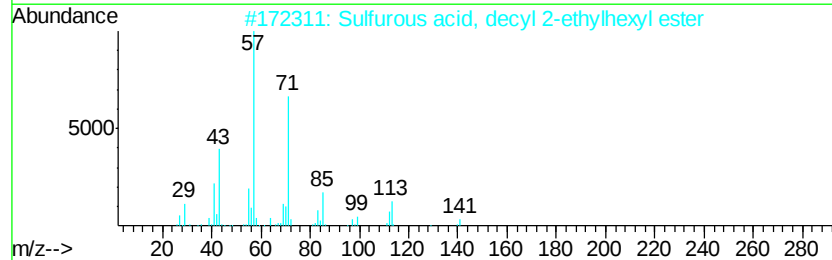
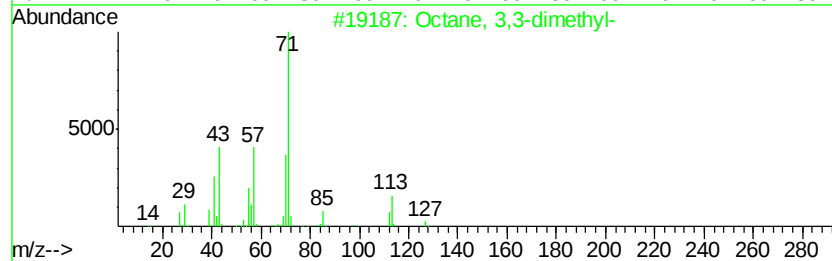
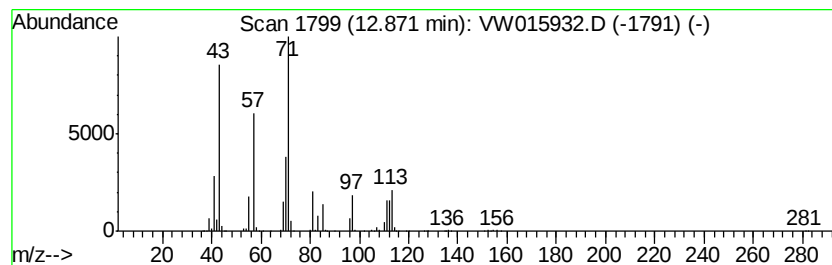
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	56.30 ug/L	2946110	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

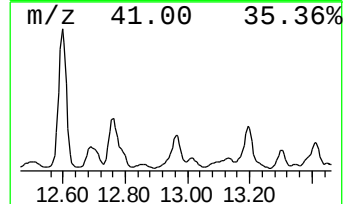
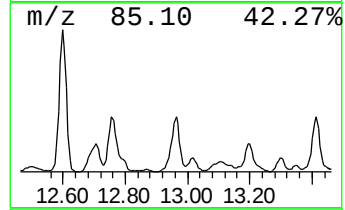
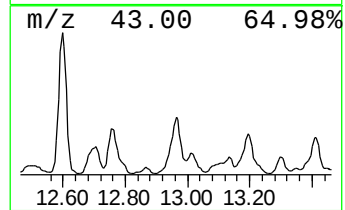
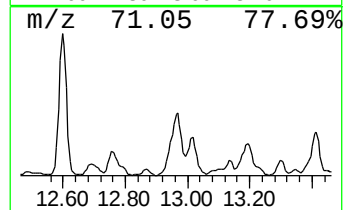
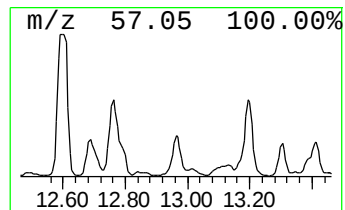
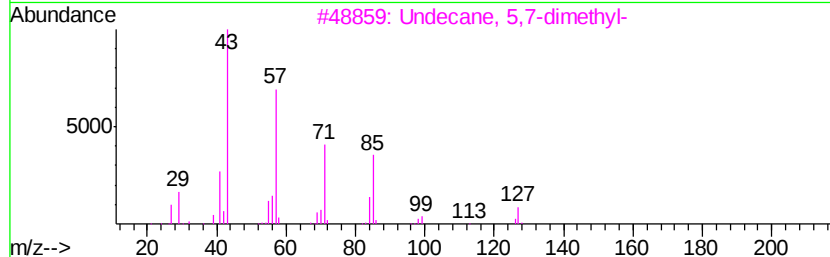
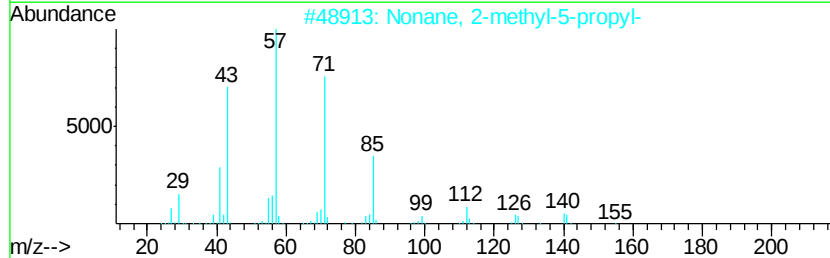
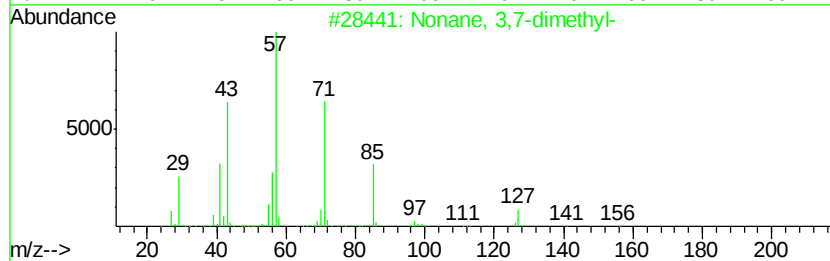
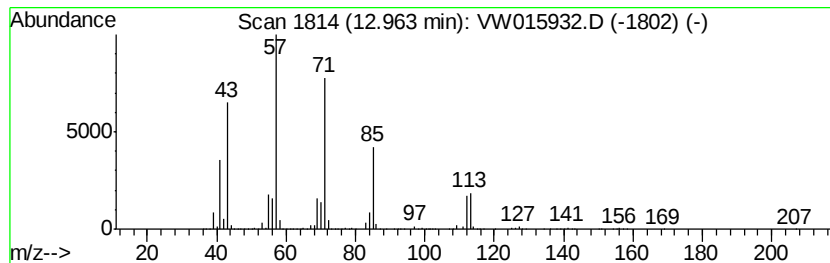
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	508.49 ug/L	26607900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72
4		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

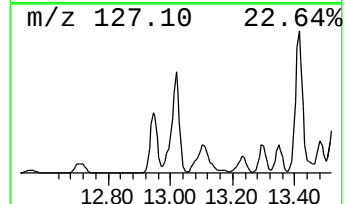
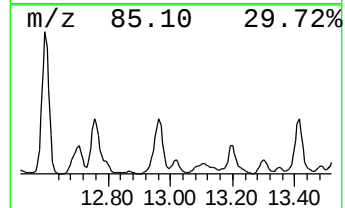
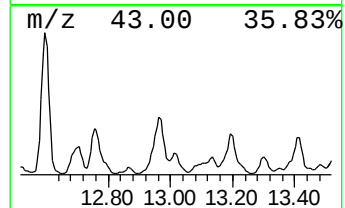
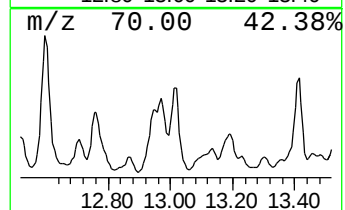
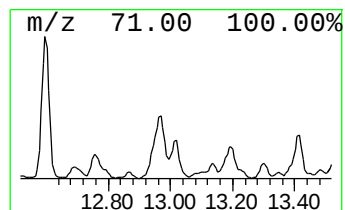
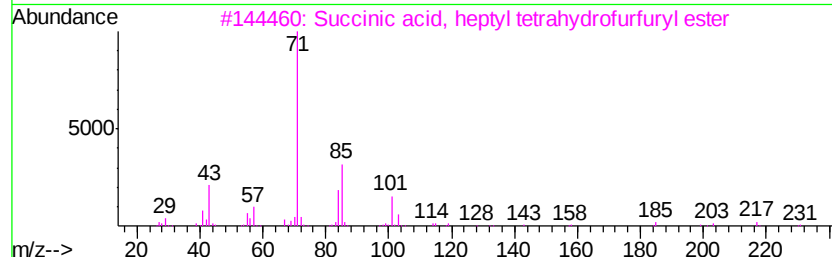
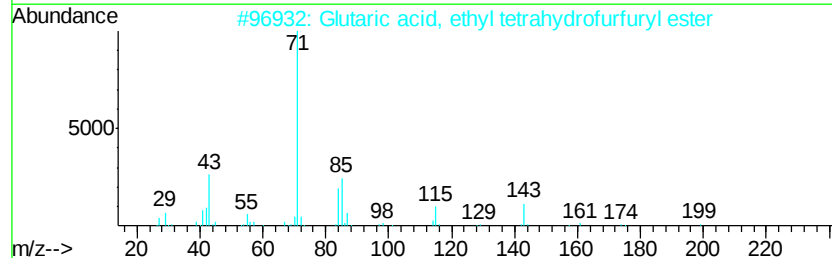
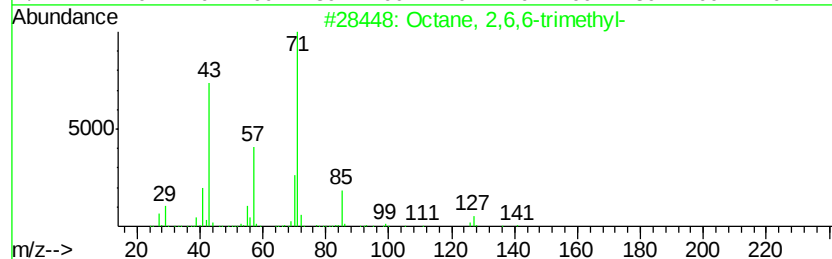
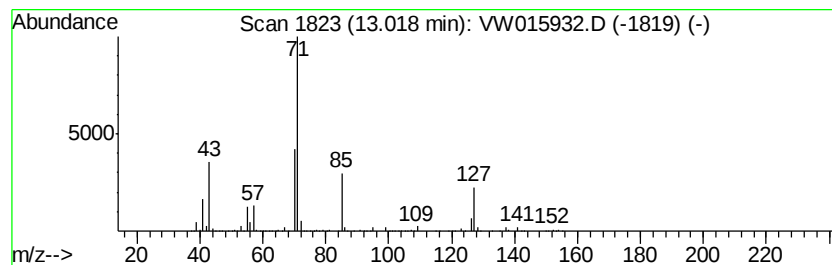
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	126.53 ug/L	6620960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	50
2		Glutaric acid, ethyl tetrahydrof...	244	C12H20O5	1000359-65-6	47
3		Succinic acid, heptyl tetrahydro...	300	C16H28O5	1000329-86-5	47
4		Succinic acid, octyl tetrahydrof...	314	C17H30O5	1000329-86-6	38
5		Glutaric acid, ditetrahydrofurfu...	300	C15H24O6	1000359-67-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

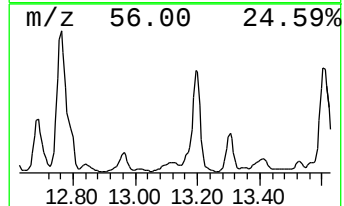
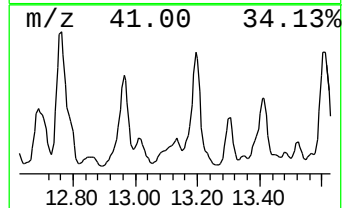
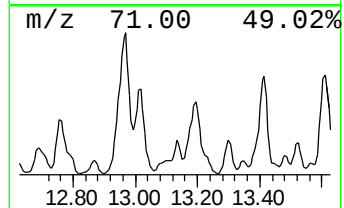
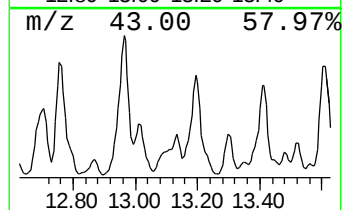
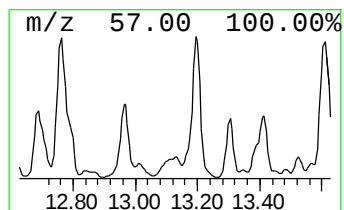
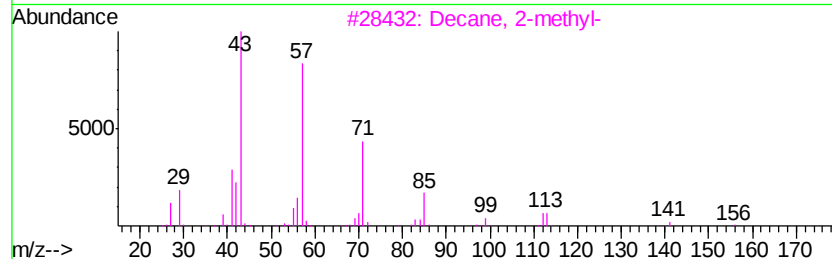
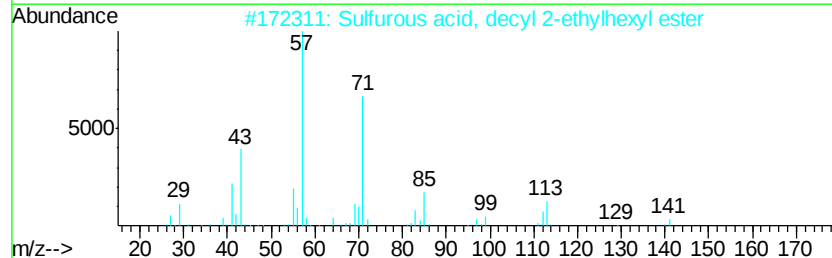
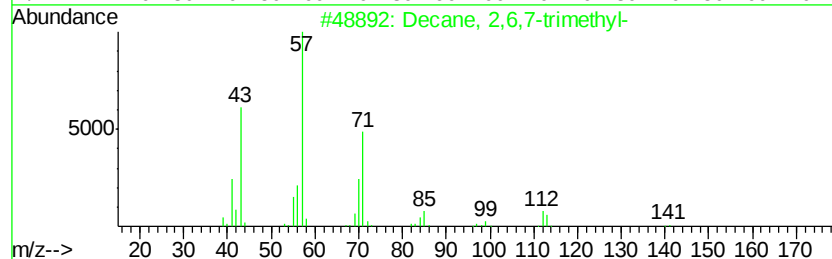
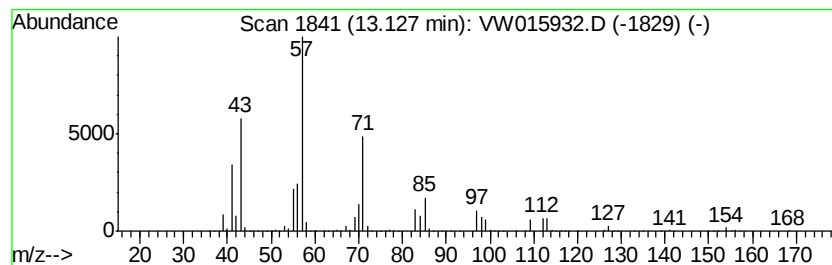
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	171.91 ug/L	8995770	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3		Decane, 2-methyl-	156	C11H24	006975-98-0	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		10-Methylnonadecane	282	C20H42	056862-62-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

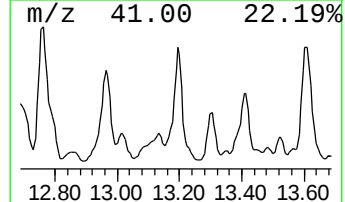
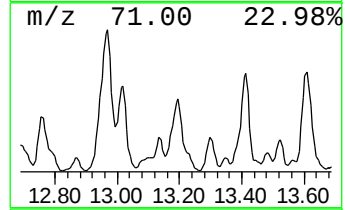
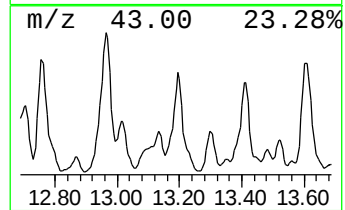
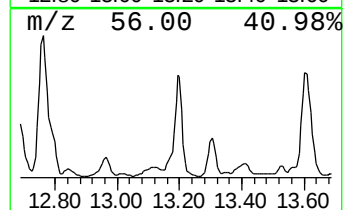
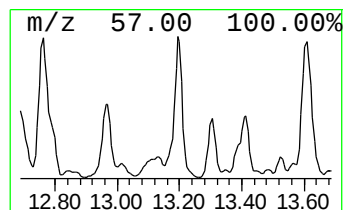
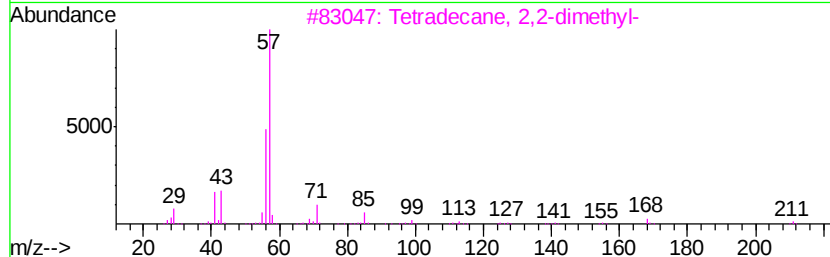
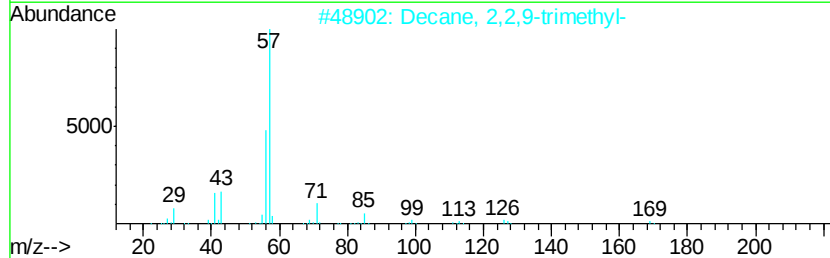
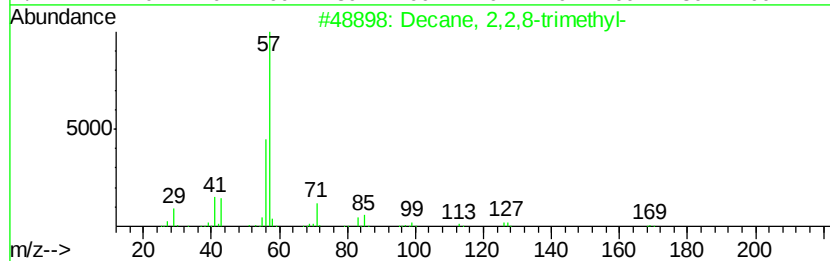
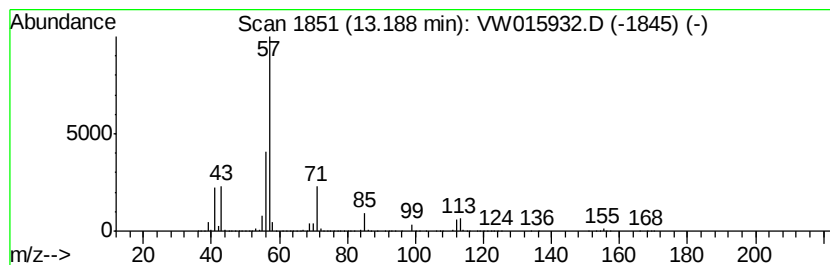
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	514.06 ug/L	26899300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72
2		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
3		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	72
5		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

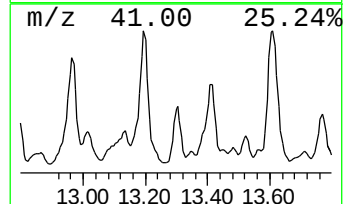
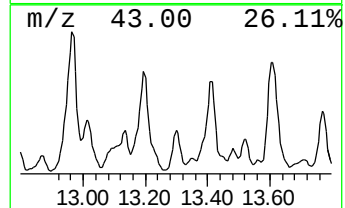
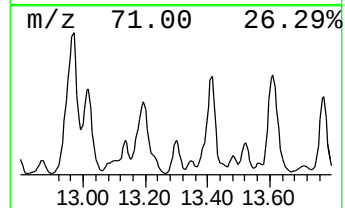
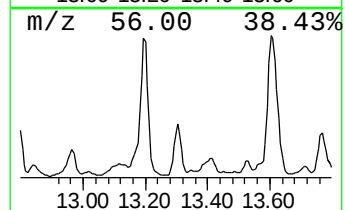
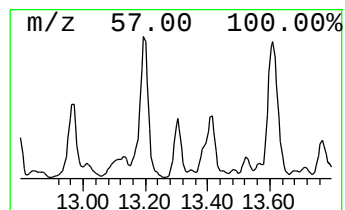
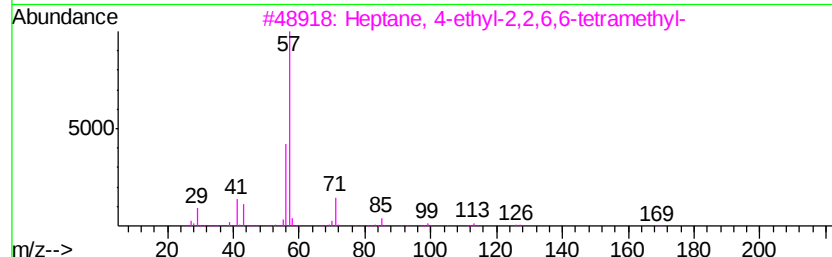
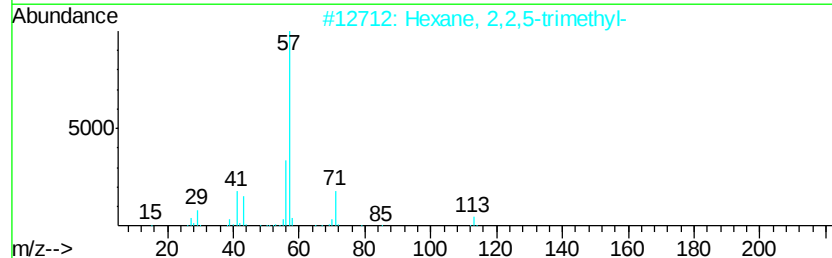
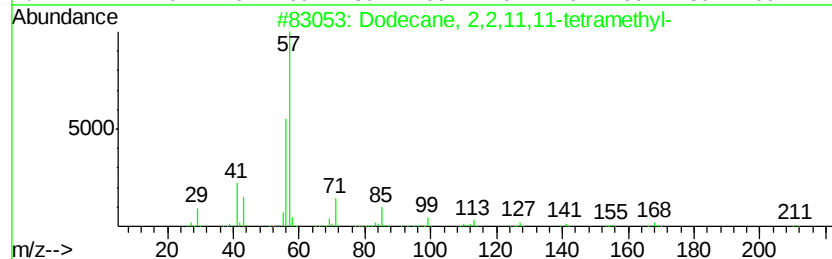
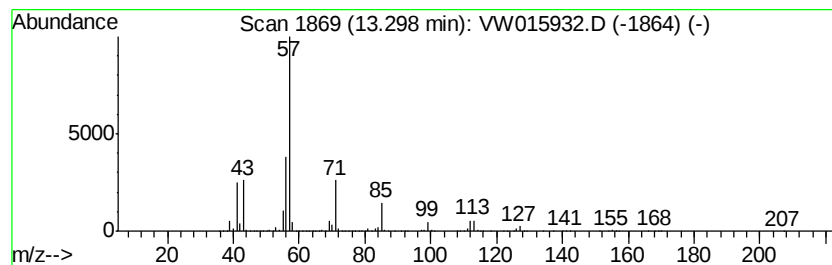
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	178.20 ug/L	9324950	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	64
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
3		Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	59
4		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	59
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

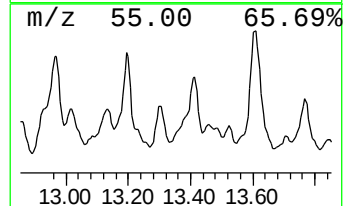
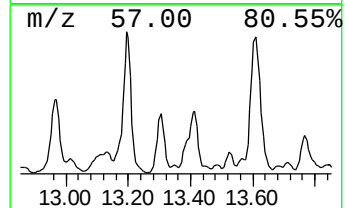
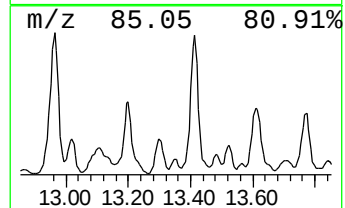
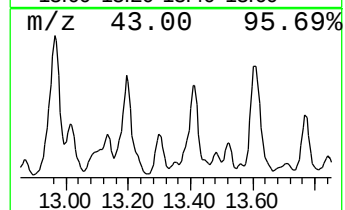
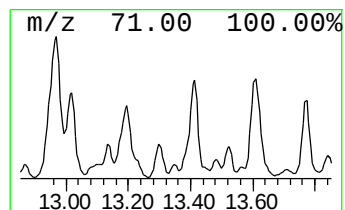
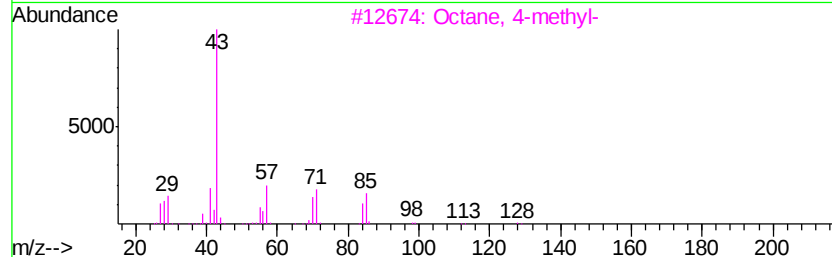
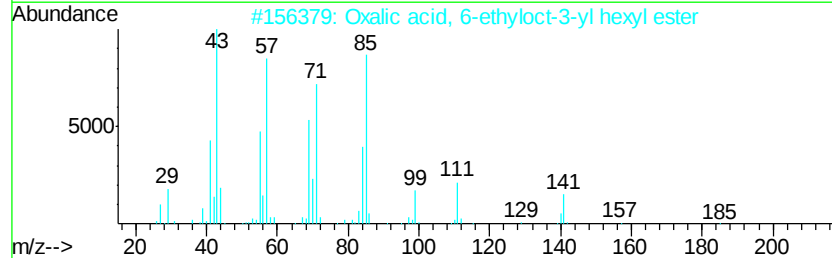
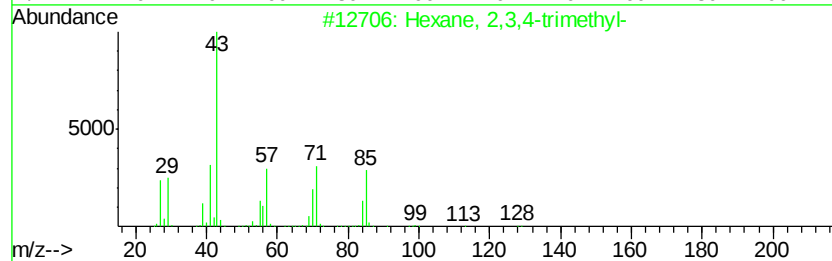
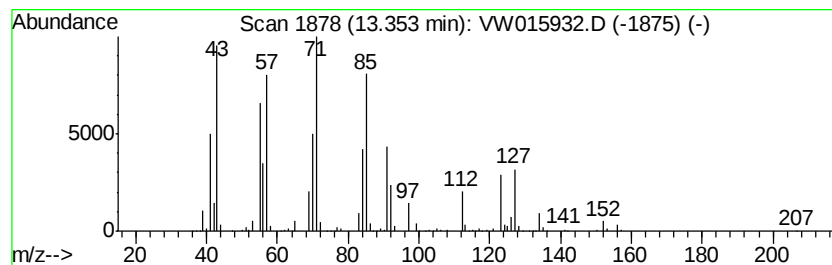
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	10.81 ug/L	565689	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
2		Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	50
3		Octane, 4-methyl-	128	C9H20	002216-34-4	47
4		Octane, 4-methyl-	128	C9H20	002216-34-4	47
5		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleID :
GAY14

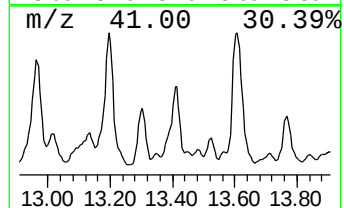
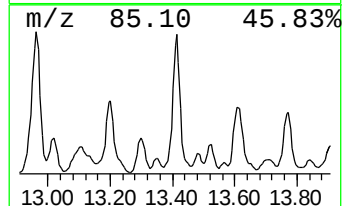
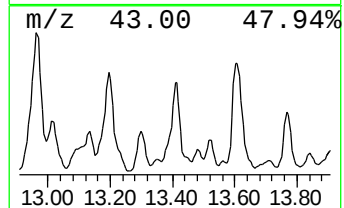
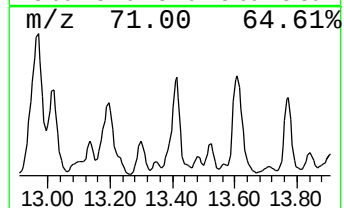
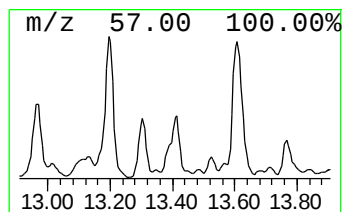
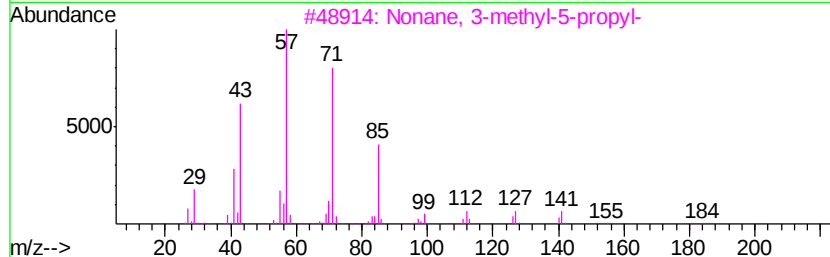
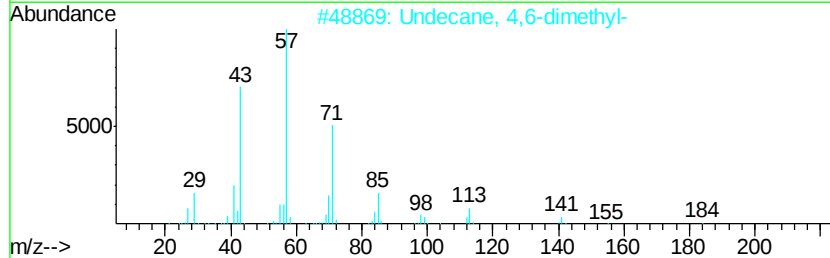
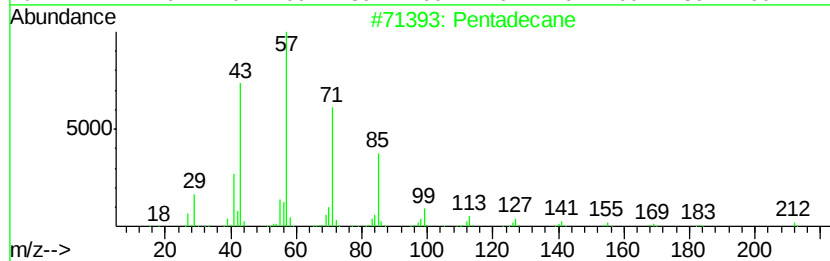
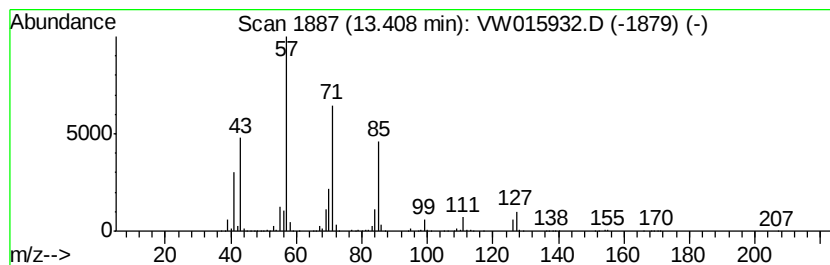
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	293.63 ug/L	15364800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	64
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
3		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

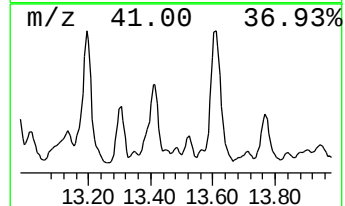
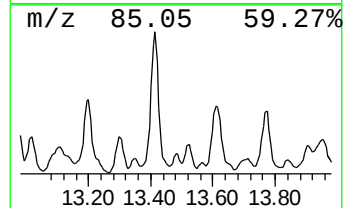
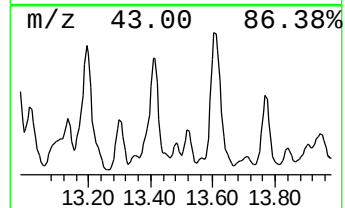
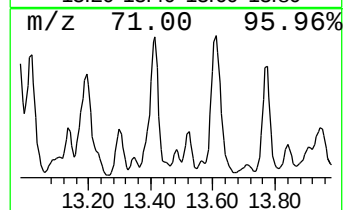
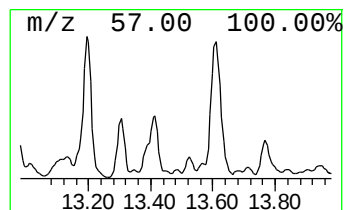
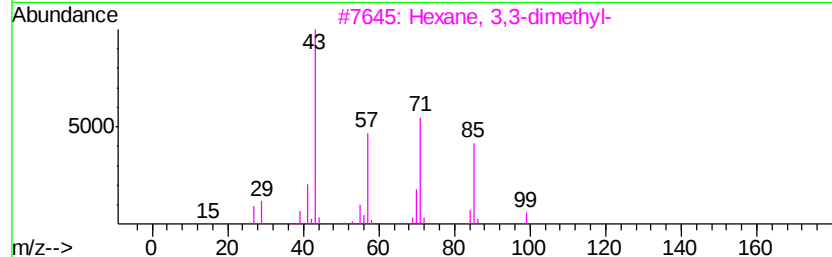
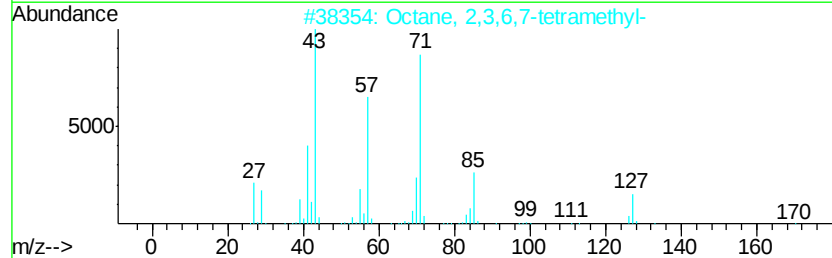
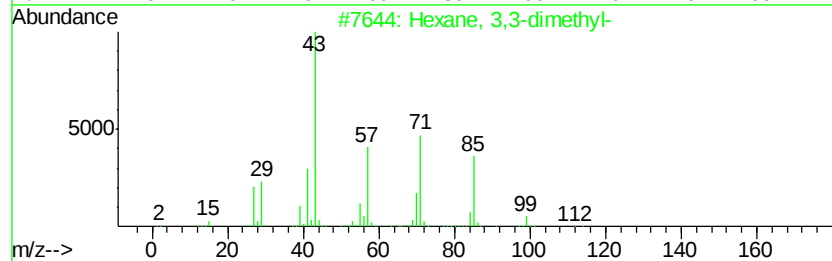
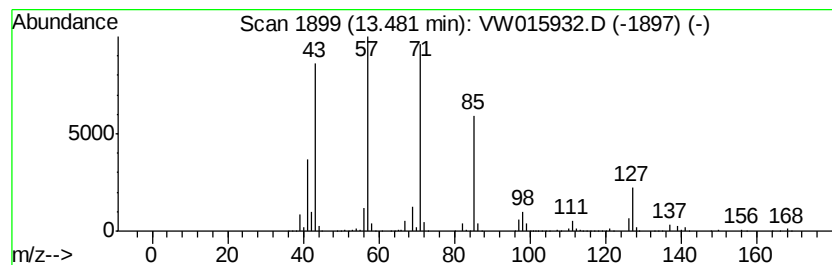
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	22.54 ug/L	1179580	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
2			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

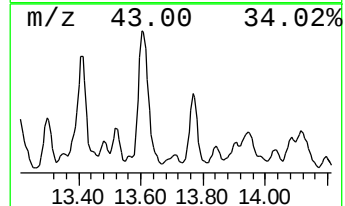
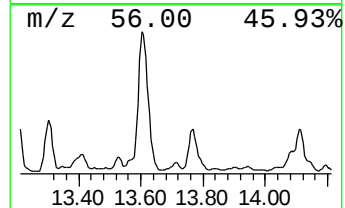
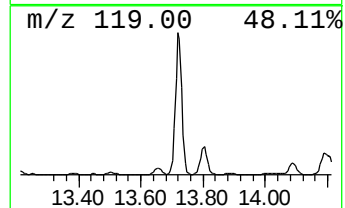
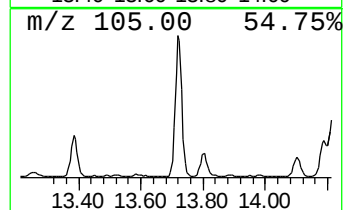
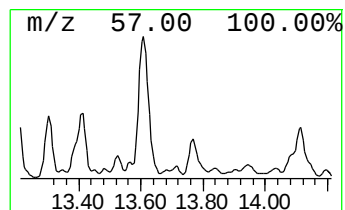
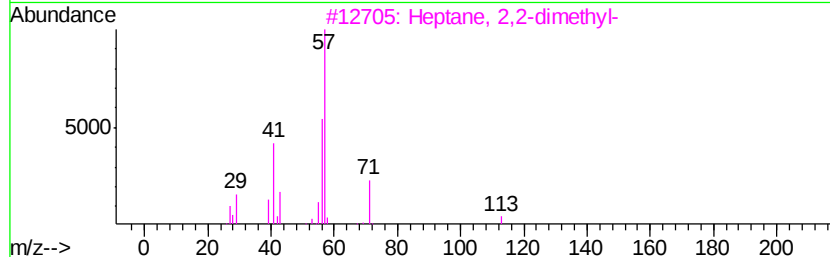
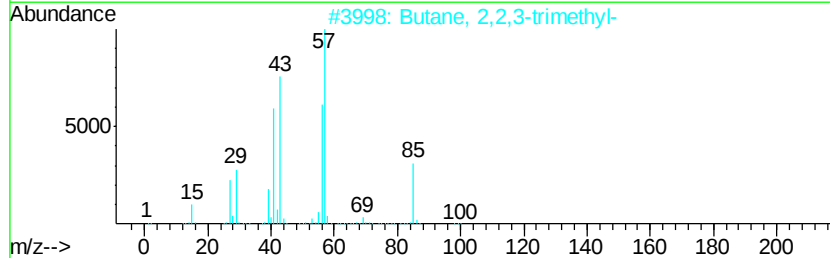
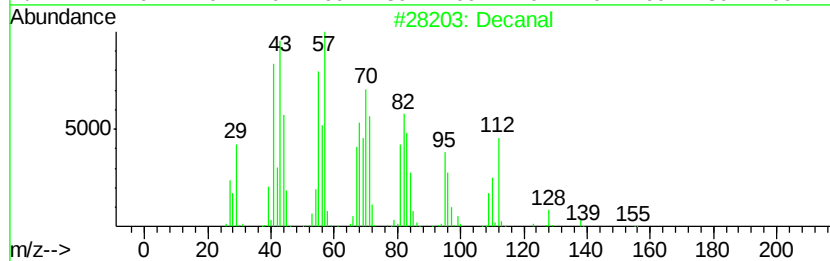
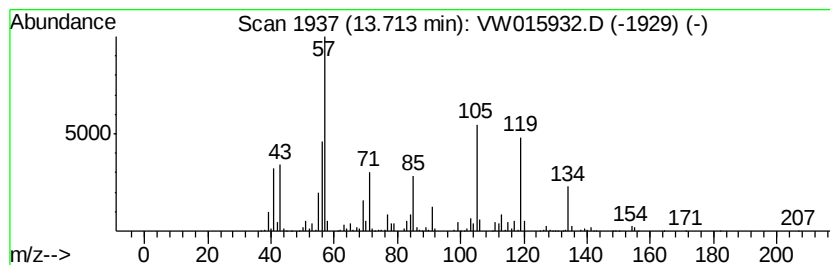
Instrument :
MSVOA_W
ClientSampleId :
GAY14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	60.04 ug/L	3141930	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decanal		156 C10H20O	000112-31-2 35
2	Butane, 2,2,3-trimethyl-		100 C7H16	000464-06-2 35
3	Heptane, 2,2-dimethyl-		128 C9H20	001071-26-7 35
4	Butane, 2,2,3-trimethyl-		100 C7H16	000464-06-2 35
5	Pentane, 2,2-dimethyl-		100 C7H16	000590-35-2 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

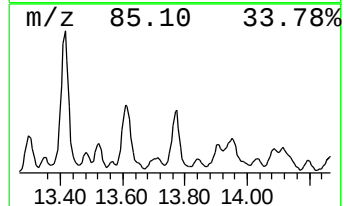
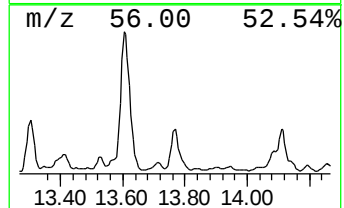
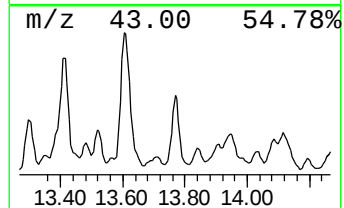
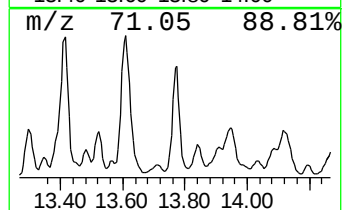
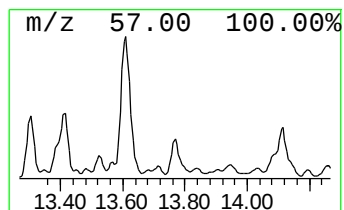
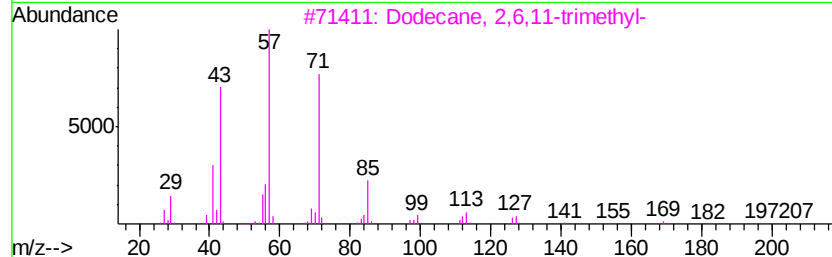
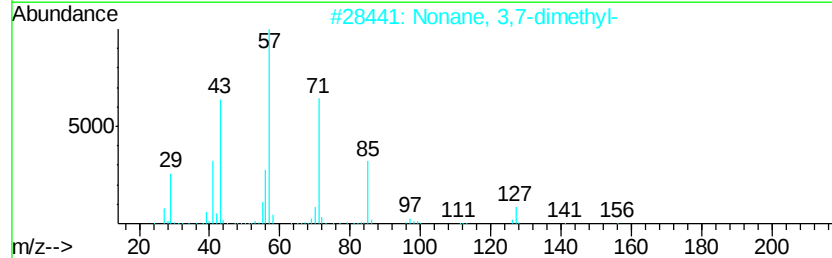
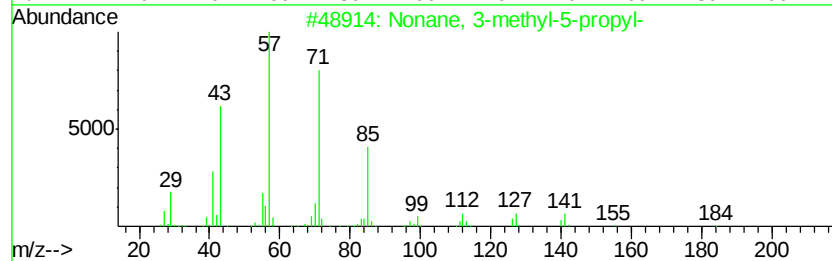
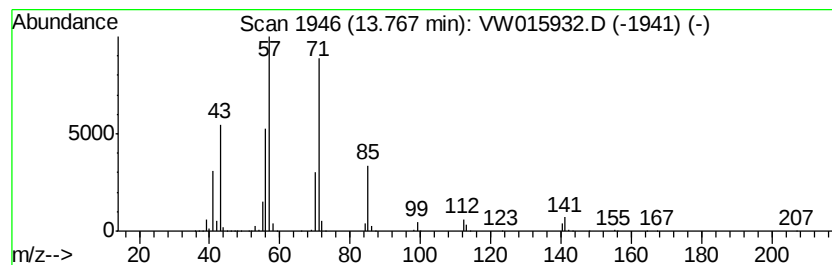
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	182.79 ug/L	9564900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4		Octane, 3-ethyl-	142	C10H22	005881-17-4	50
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

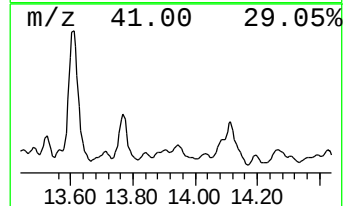
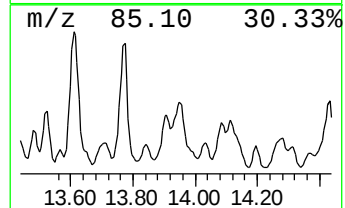
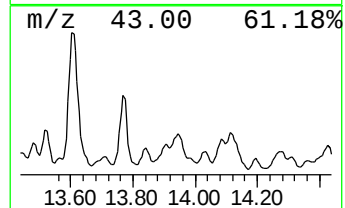
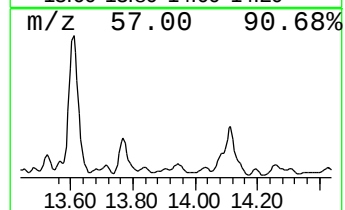
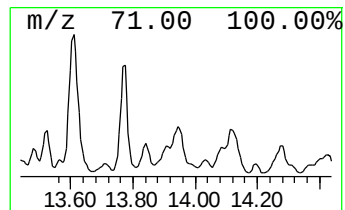
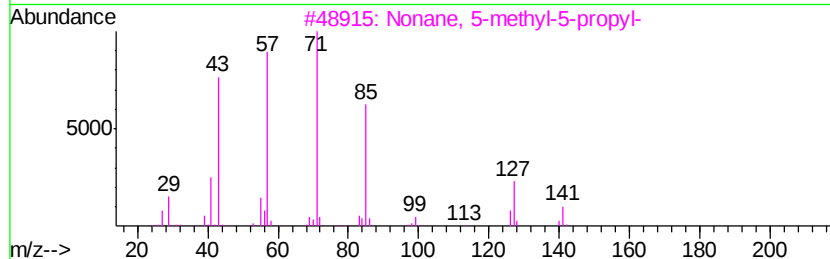
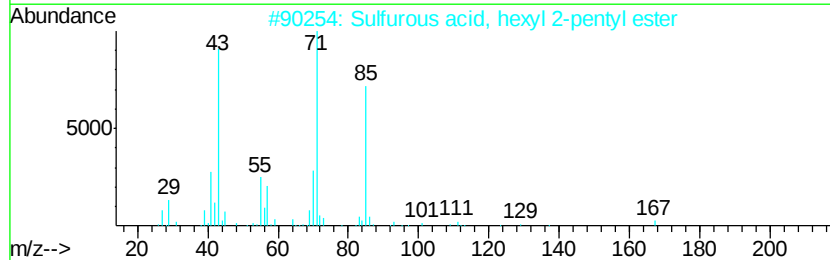
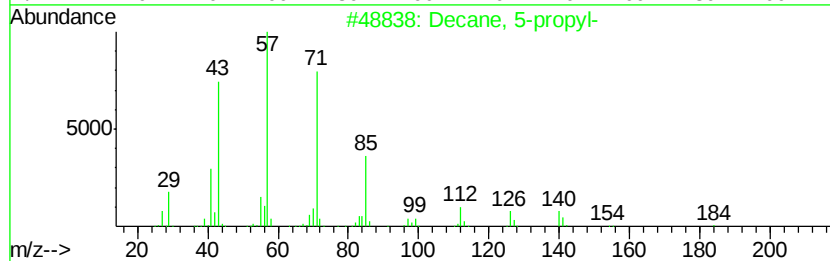
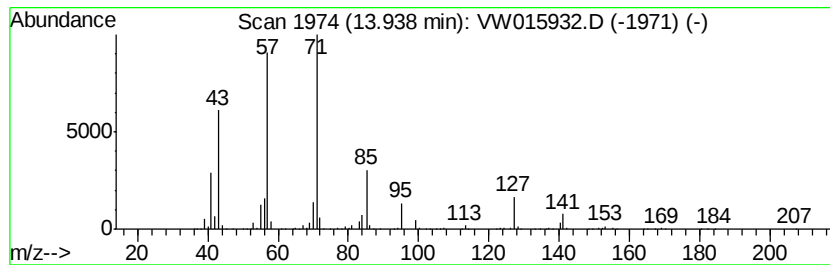
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	53.15 ug/L	2781400	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	59
2		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
4		Hexadecane	226	C16H34	000544-76-3	43
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

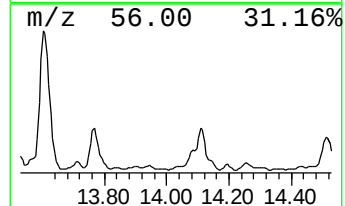
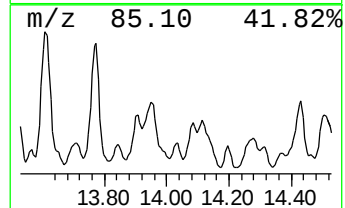
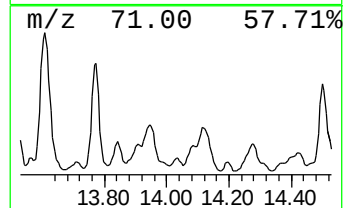
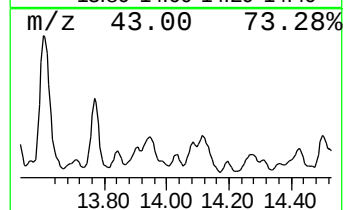
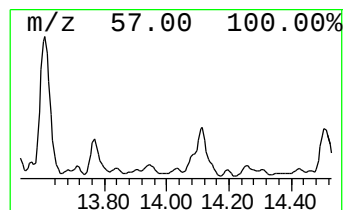
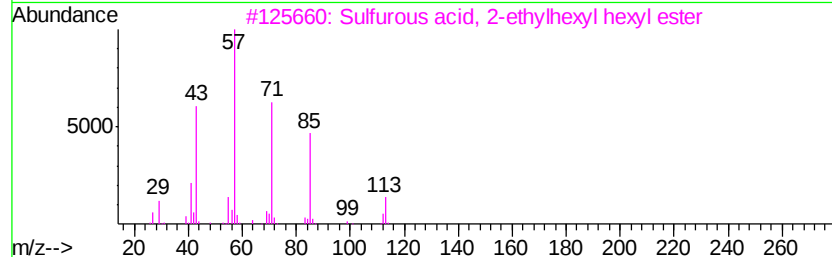
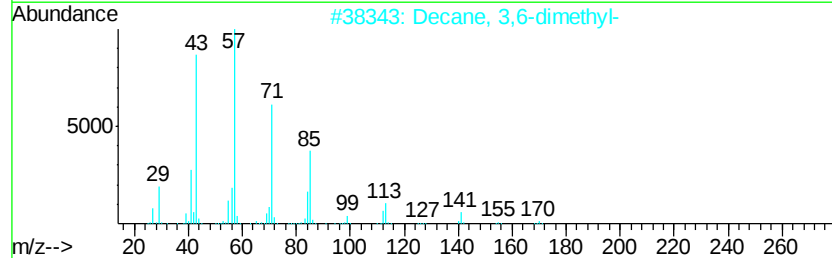
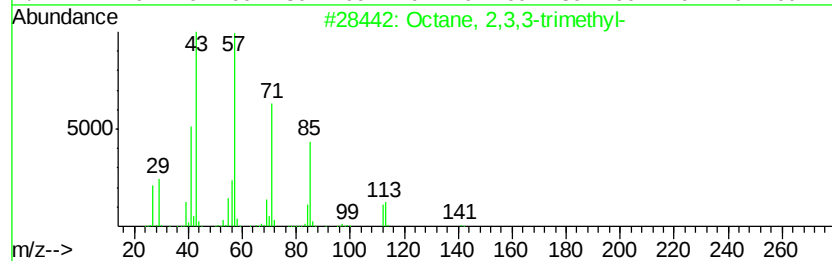
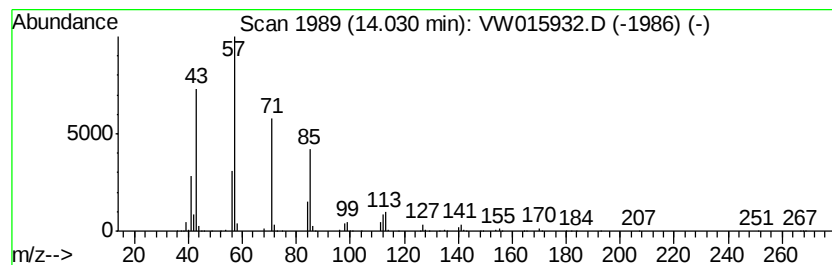
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	11.28 ug/L	590146	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	78
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

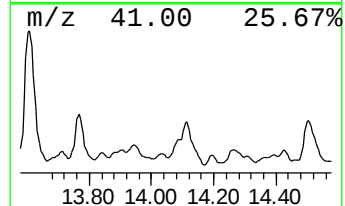
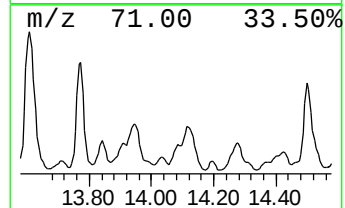
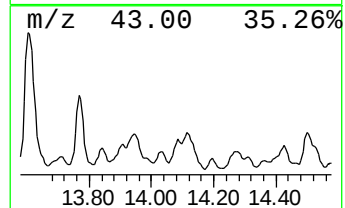
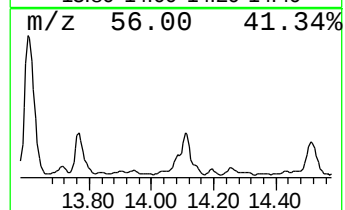
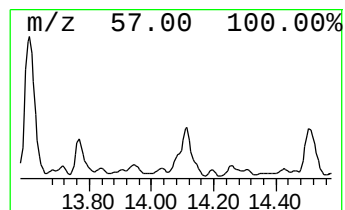
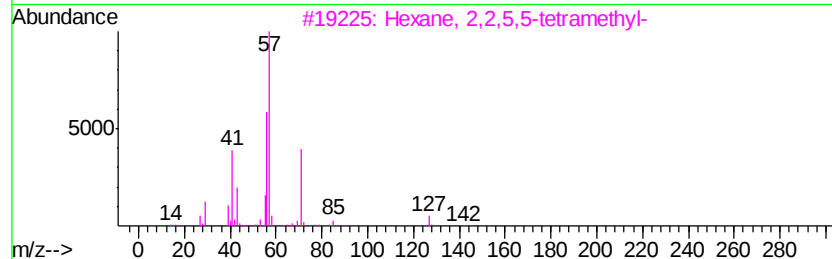
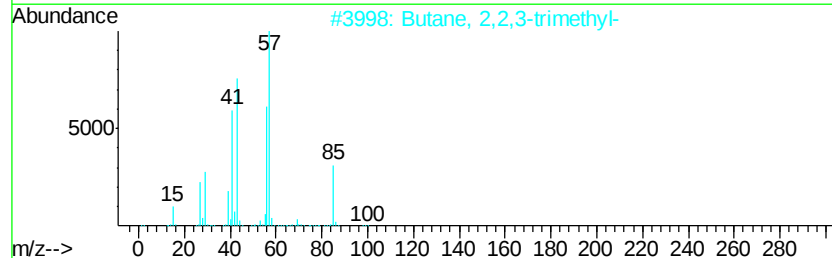
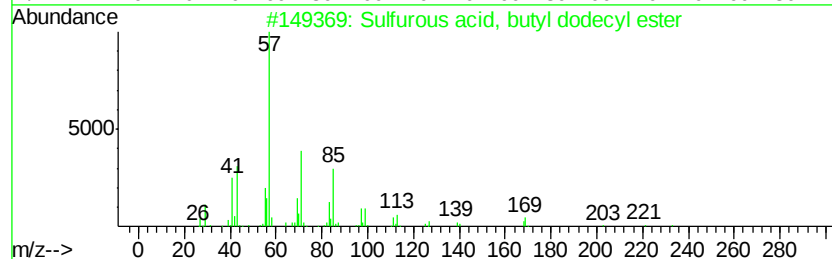
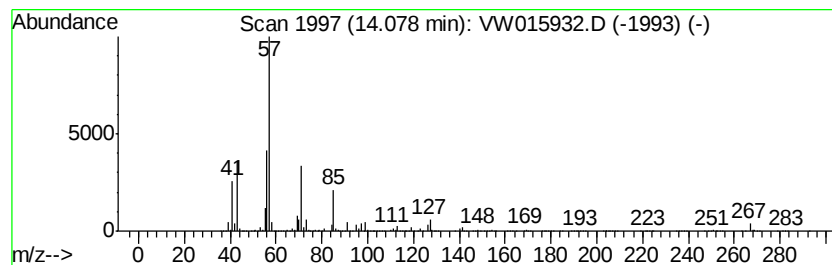
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 Sulfurous acid, butyl dodec... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	55.53 ug/L	2905960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	50
2		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	47
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

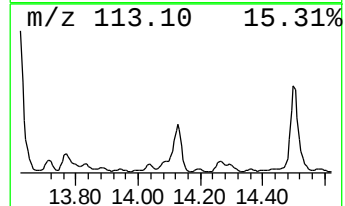
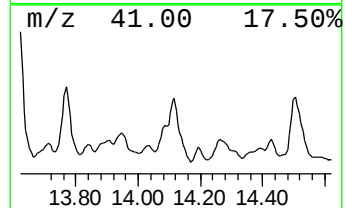
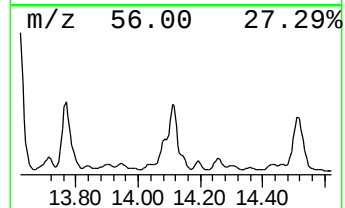
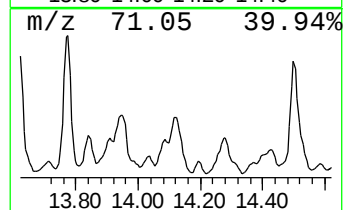
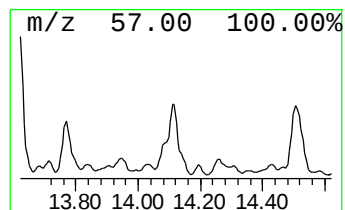
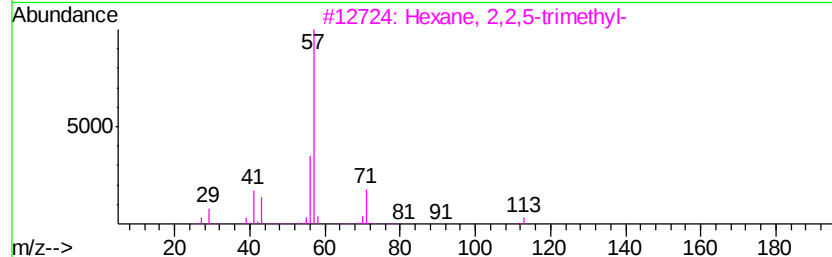
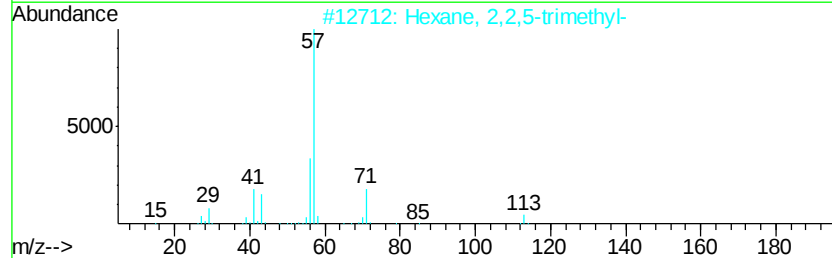
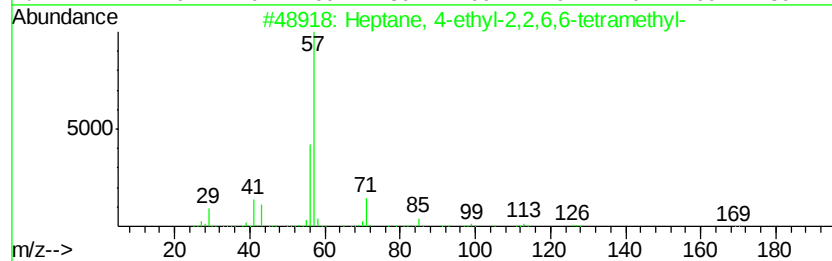
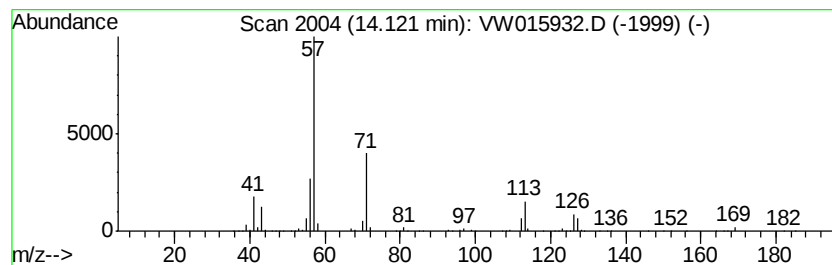
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	188.65 ug/L	9871370	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	53
5		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

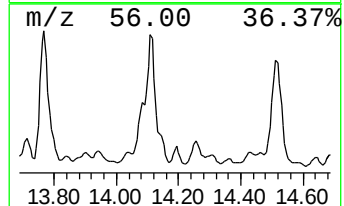
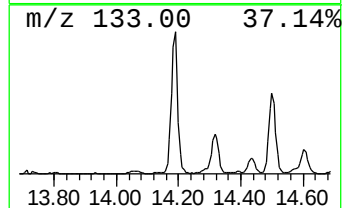
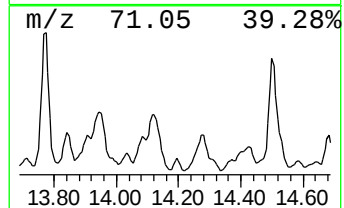
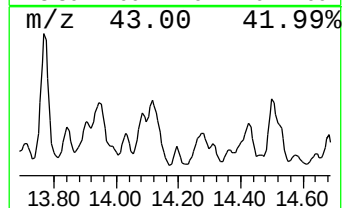
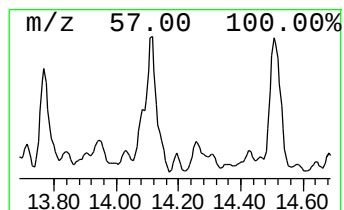
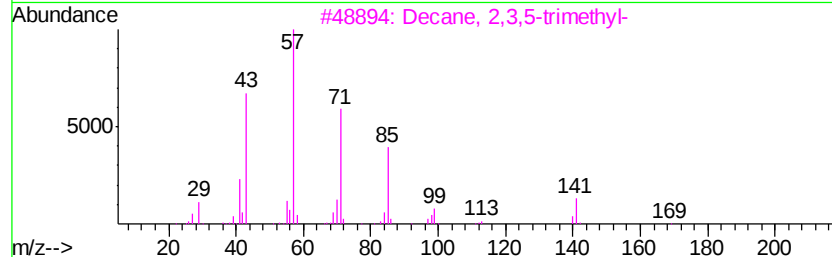
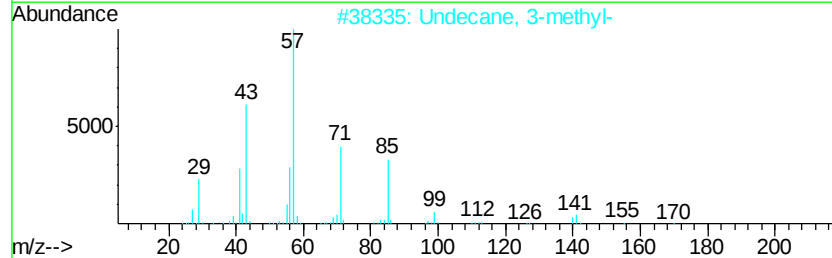
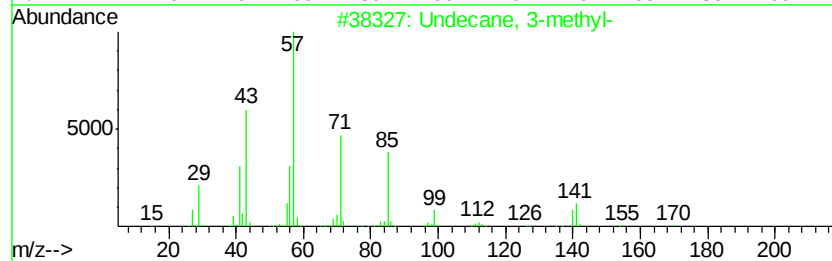
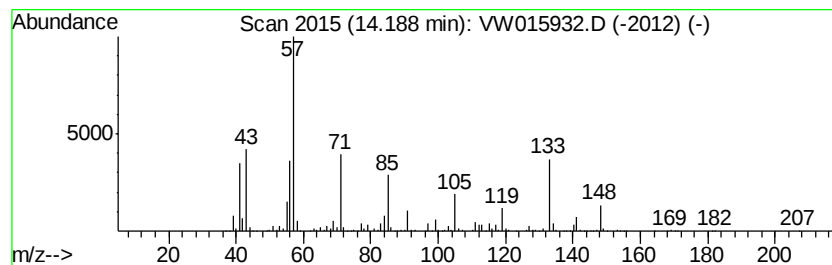
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	35.13 ug/L	1838010	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	70
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	52
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

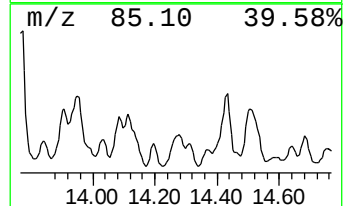
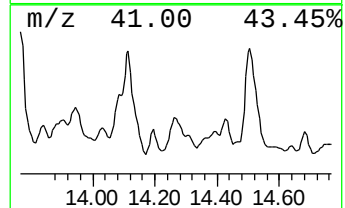
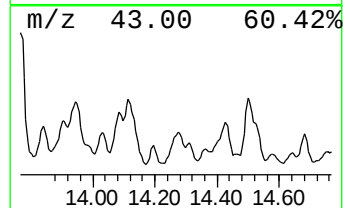
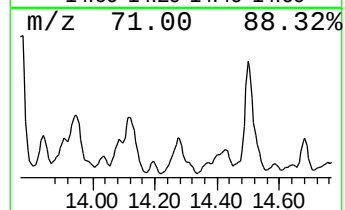
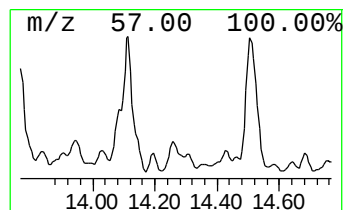
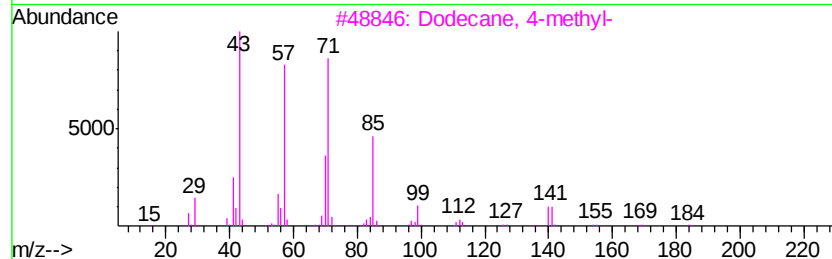
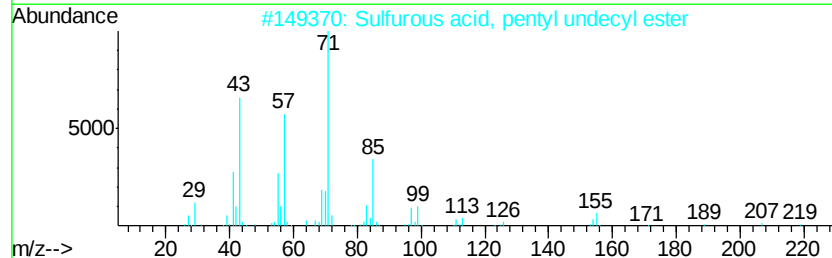
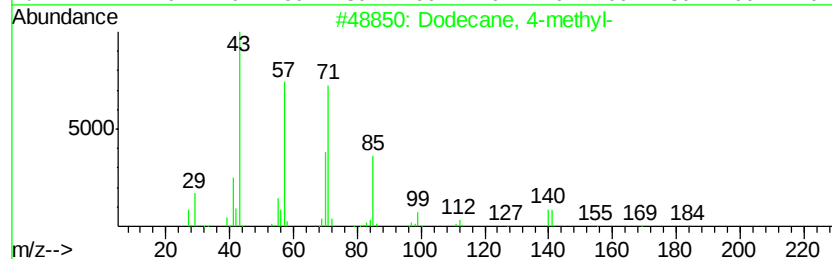
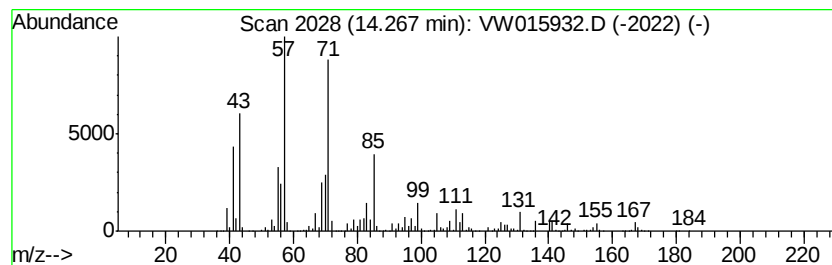
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	83.62 ug/L	4375360	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
2		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	68
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4		Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	64
5		Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

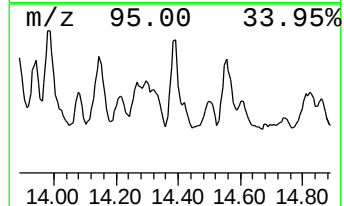
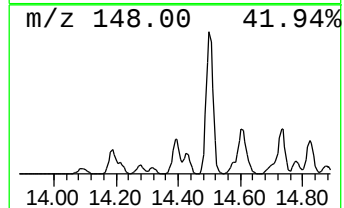
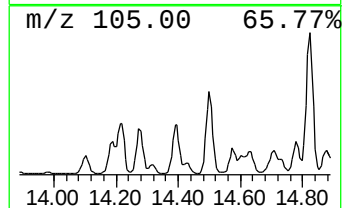
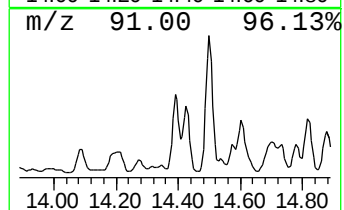
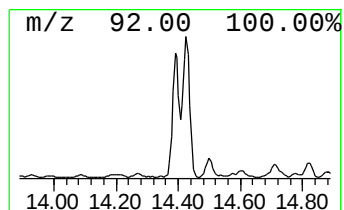
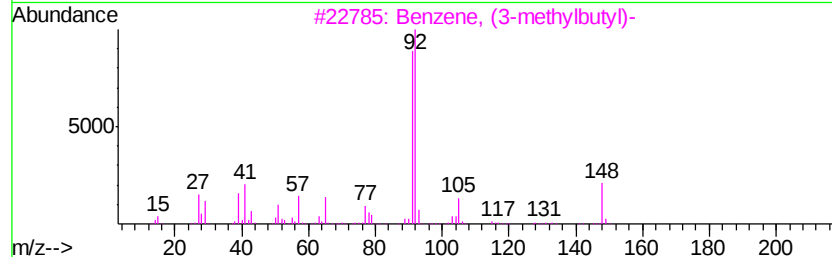
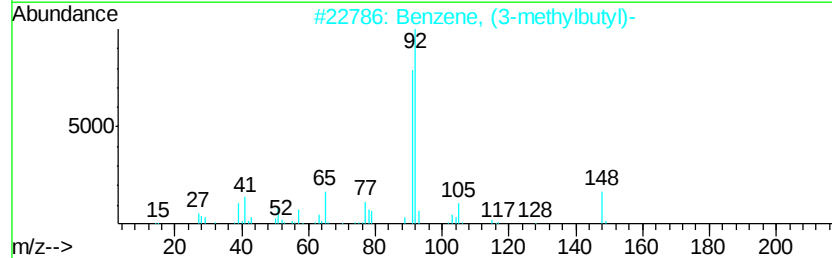
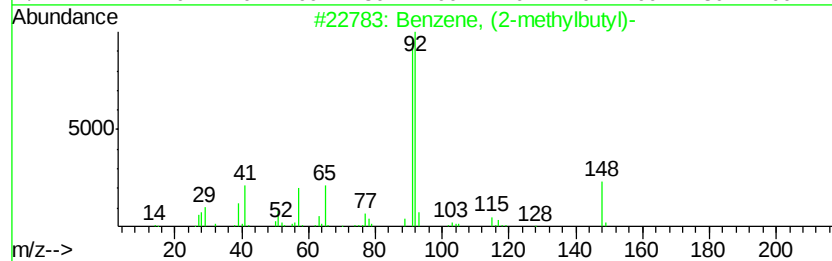
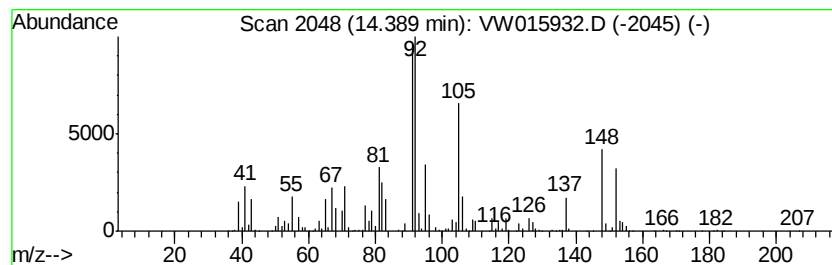
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Benzene, (2-methylbutyl)- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	20.36 ug/L	1065390	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	50
2		Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	50
3		Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	49
4		Benzene, (2-methylbutyl)-	148	C11H16	003968-85-2	43
5		Benzene, pentyl-	148	C11H16	000538-68-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

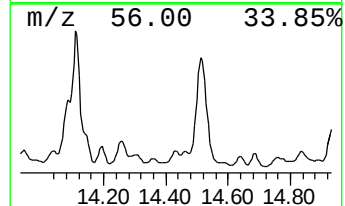
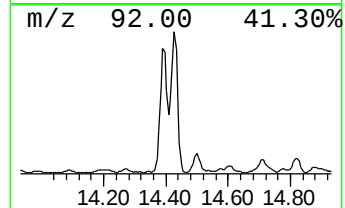
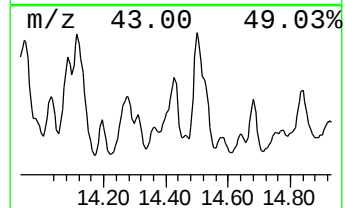
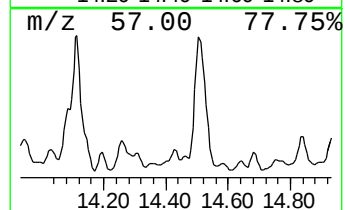
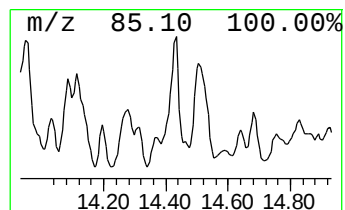
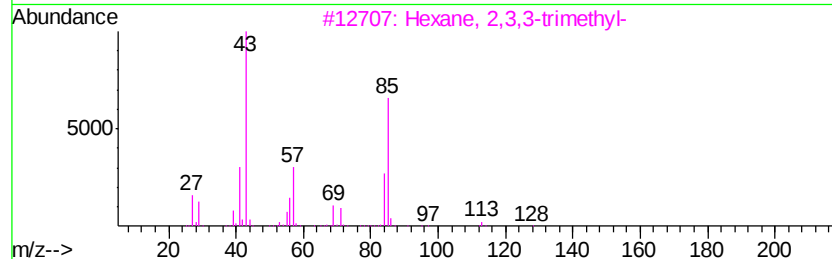
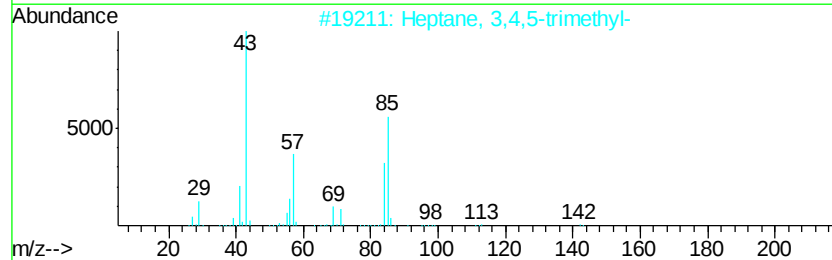
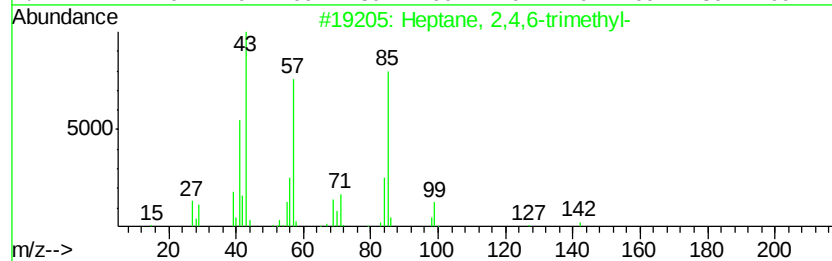
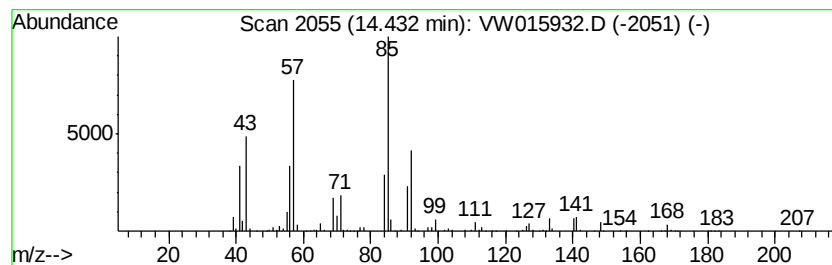
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	41.41 ug/L	2166840	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	58
2		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	47
3		Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	47
4		Undecane, 4,4-dimethyl-	184	C13H28	017312-68-4	47
5		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

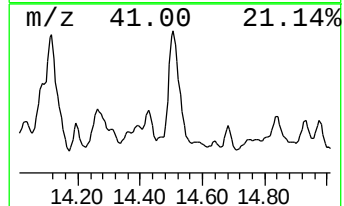
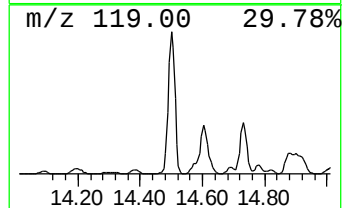
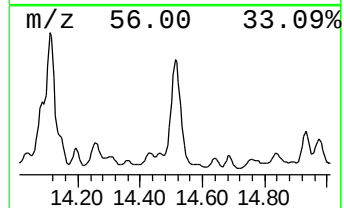
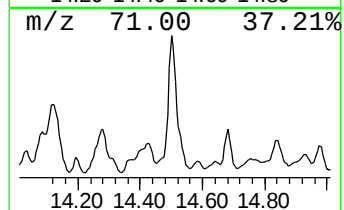
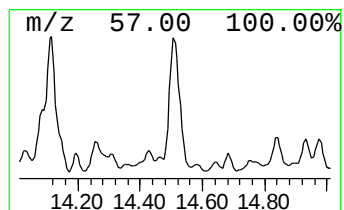
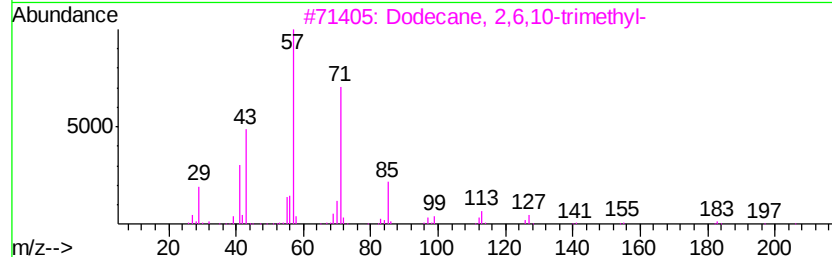
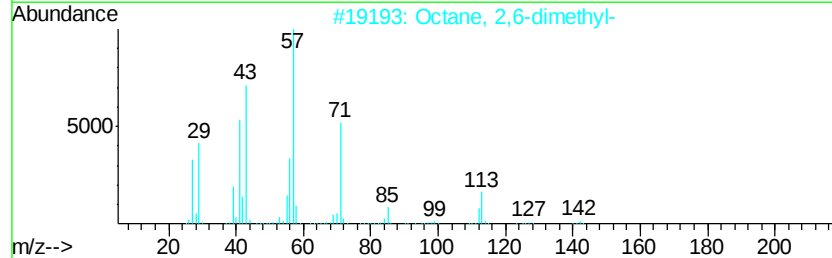
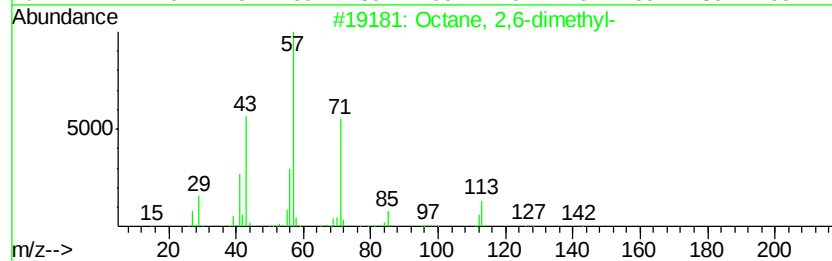
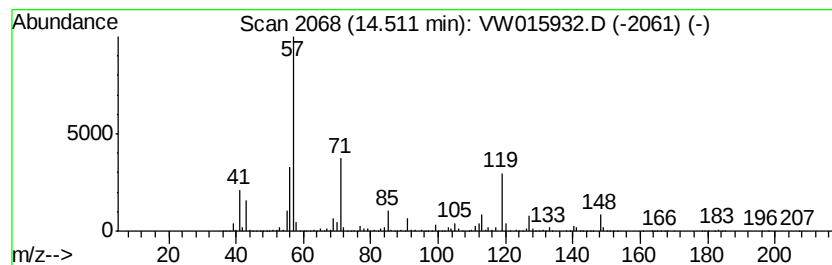
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	241.65 ug/L	12644900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	43
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

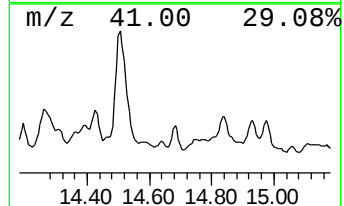
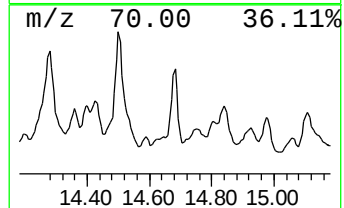
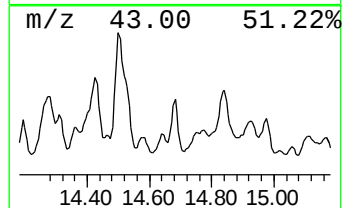
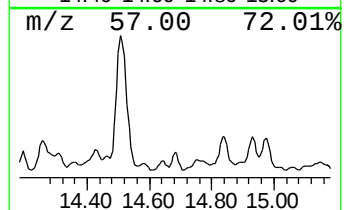
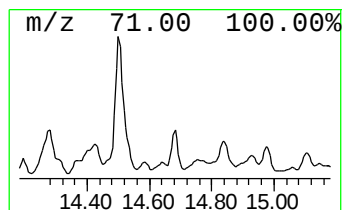
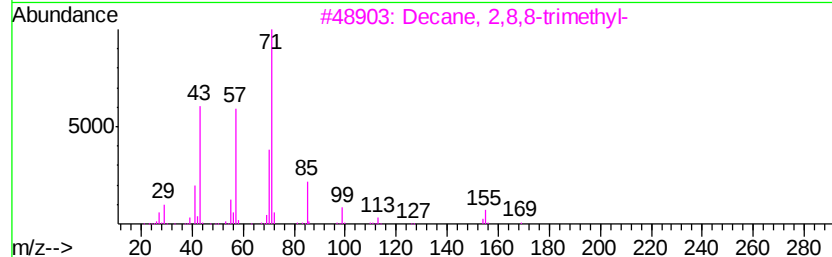
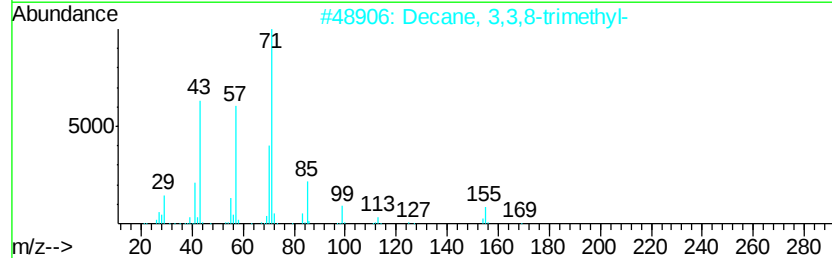
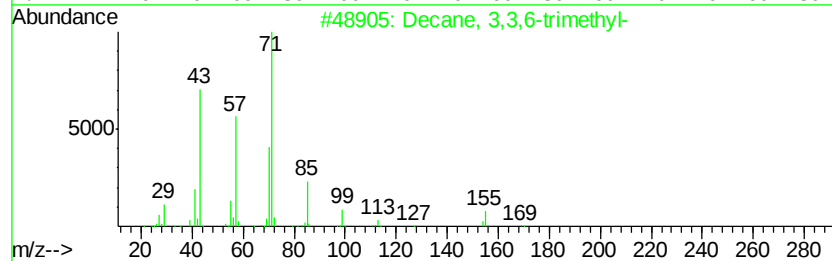
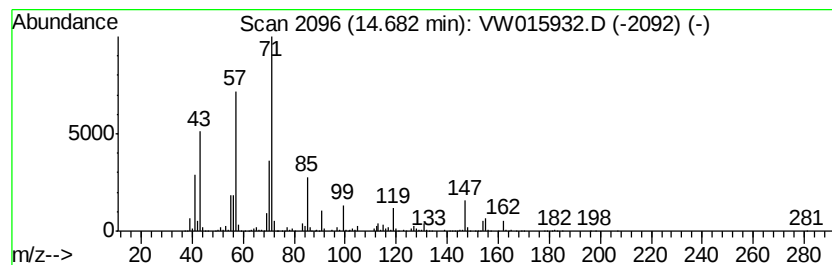
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	33.70 ug/L	1763190	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	64
2			Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	59
3			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	59
4			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	53
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

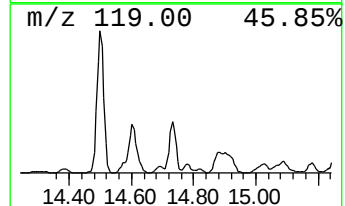
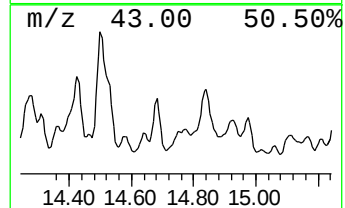
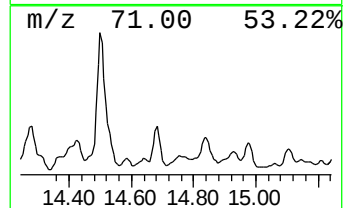
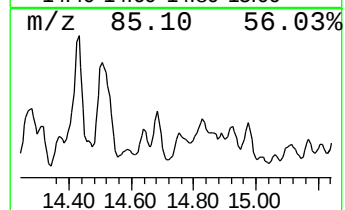
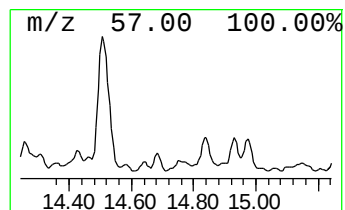
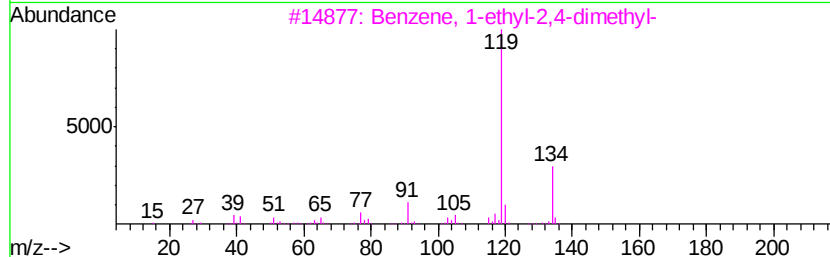
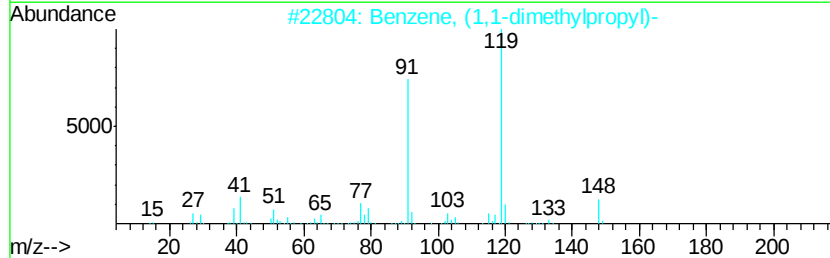
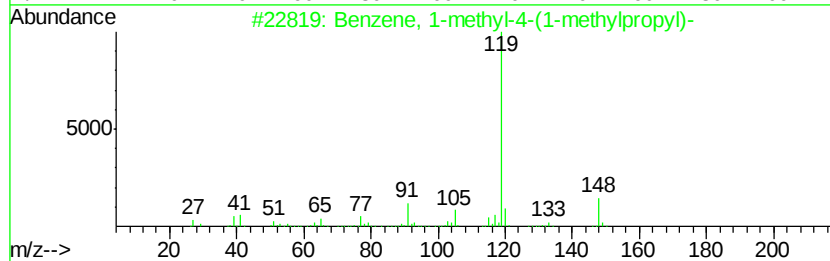
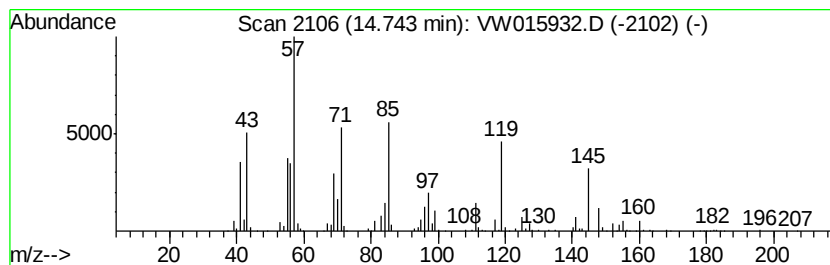
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 Benzene, 1-methyl-4-(1-meth... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	13.05 ug/L	682740	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	53
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY14

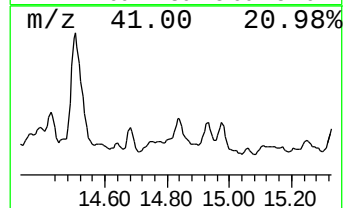
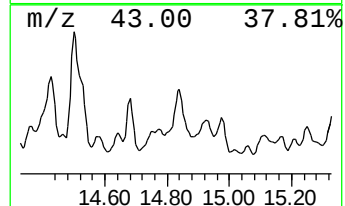
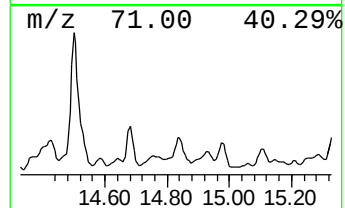
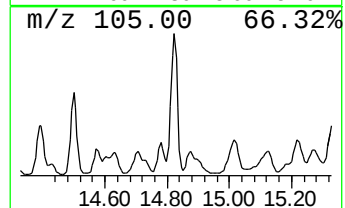
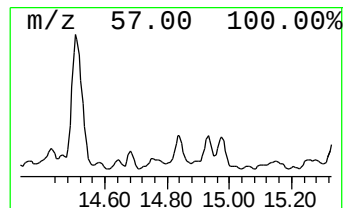
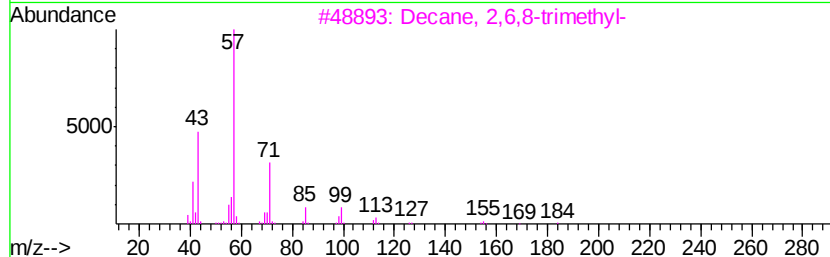
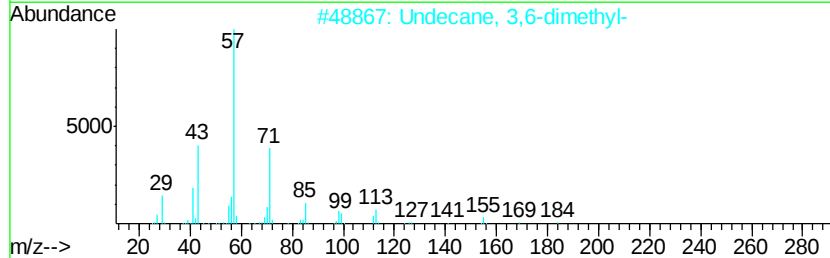
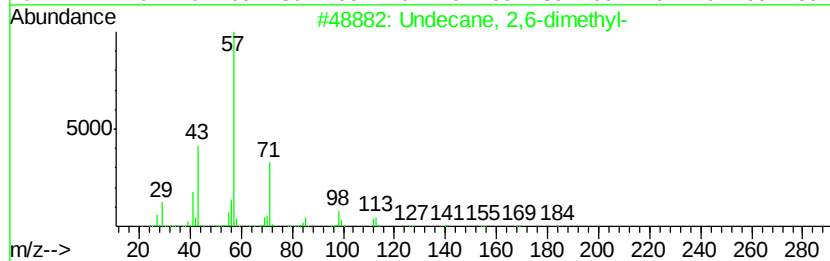
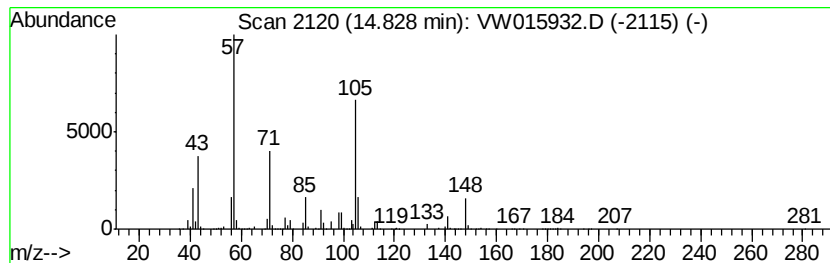
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	35.47 ug/L	1856090	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	52
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

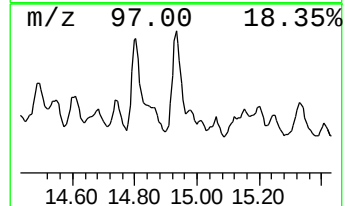
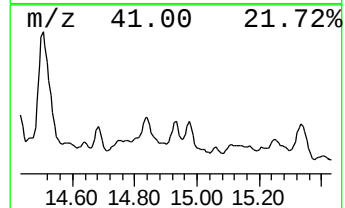
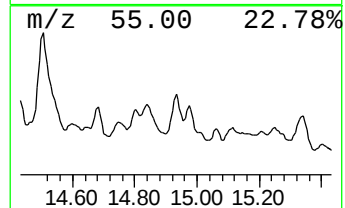
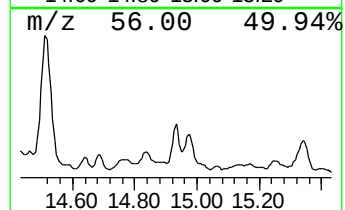
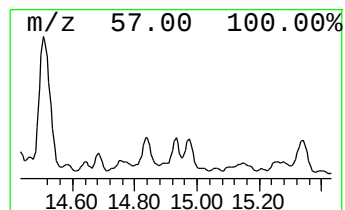
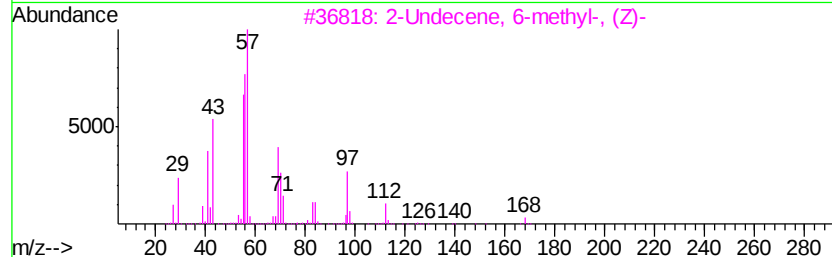
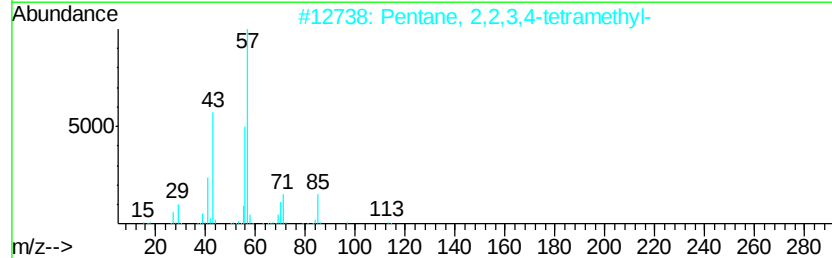
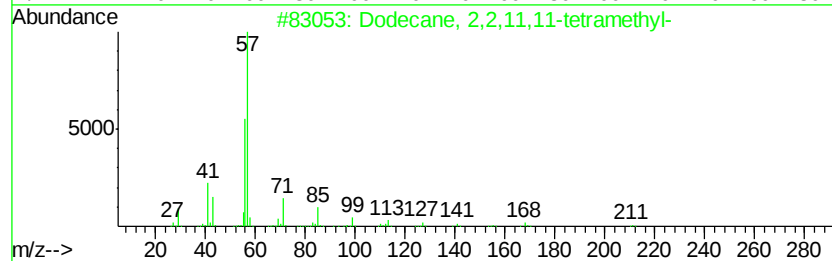
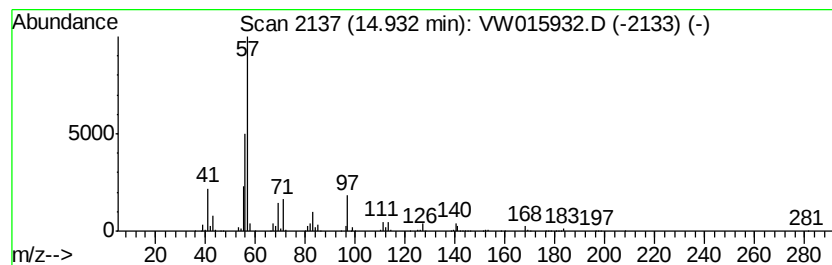
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	23.30 ug/L	1219280	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	53
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
3			2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	42
4			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	40
5			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

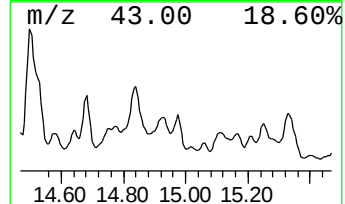
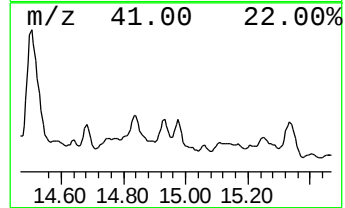
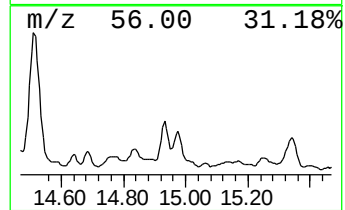
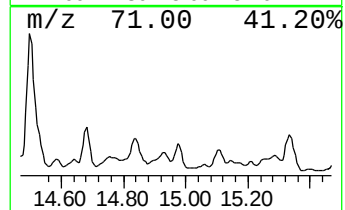
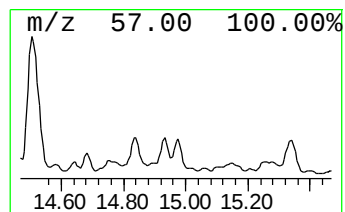
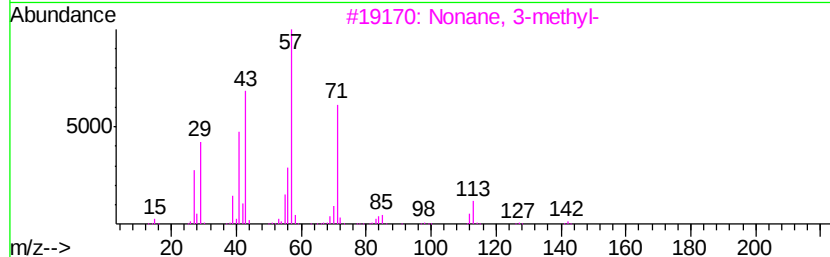
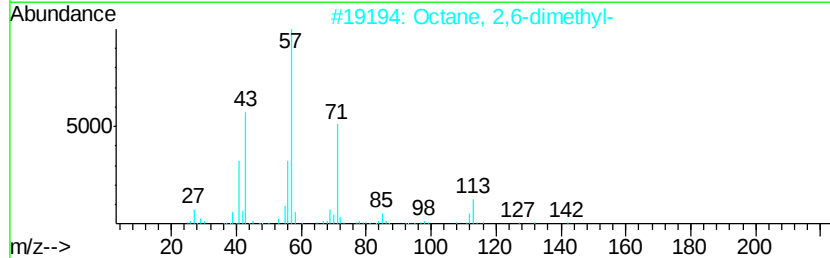
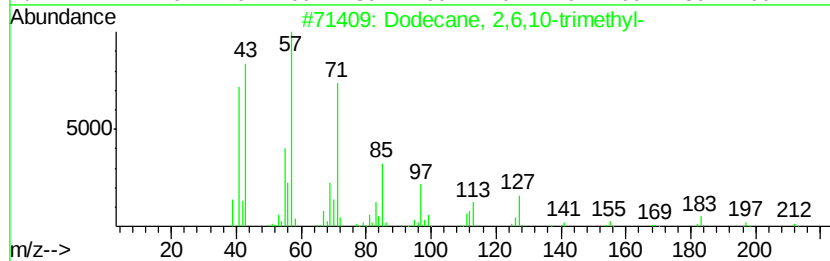
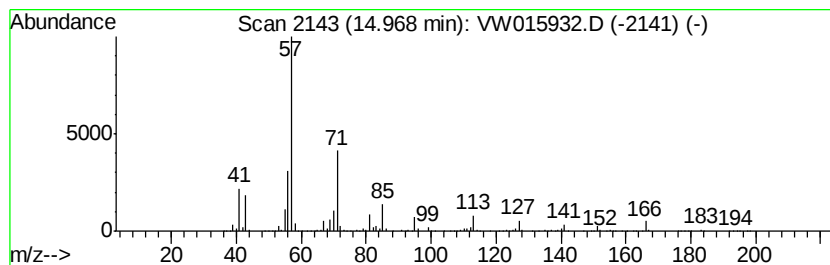
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	25.76 ug/L	1348040	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

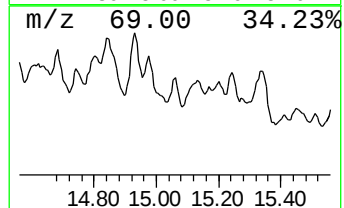
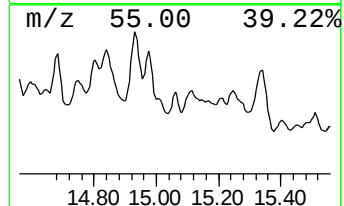
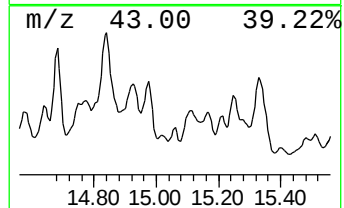
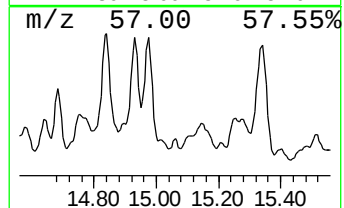
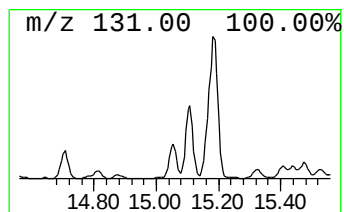
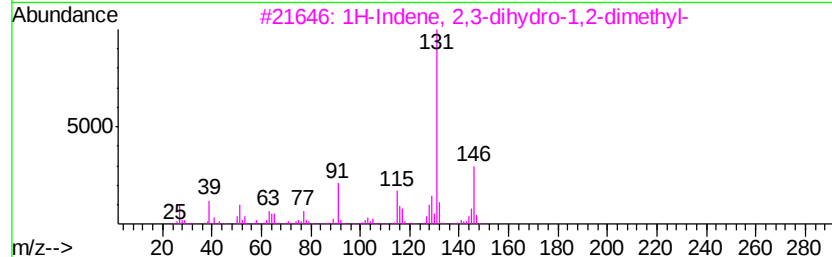
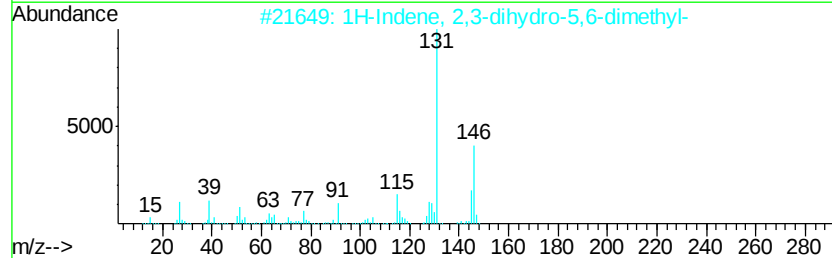
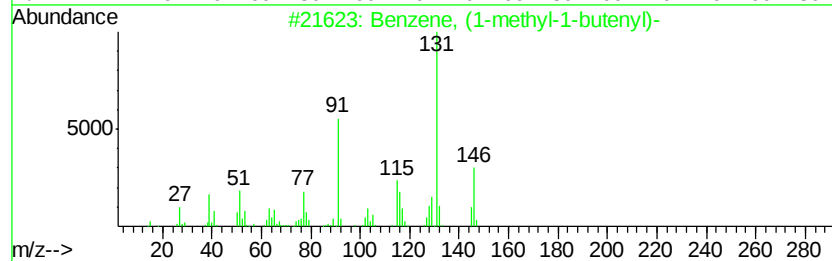
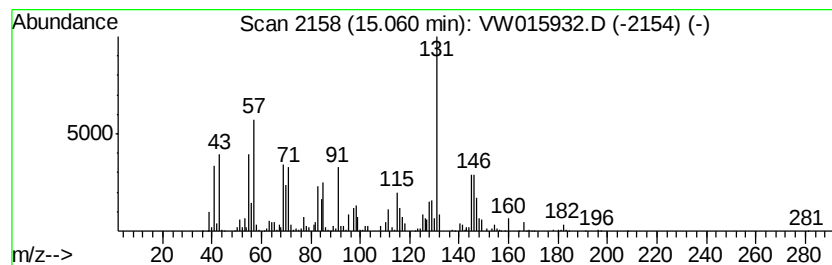
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 Benzene, (1-methyl-1-butenyl)- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	11.62 ug/L	607893	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	68
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

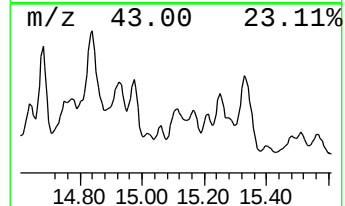
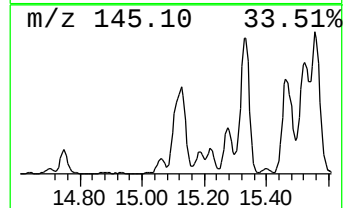
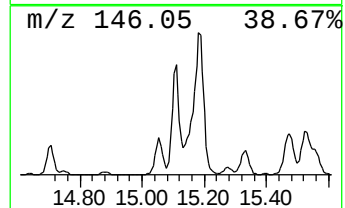
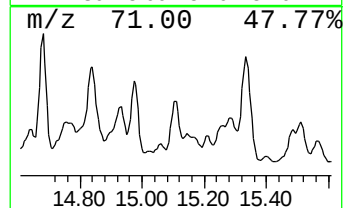
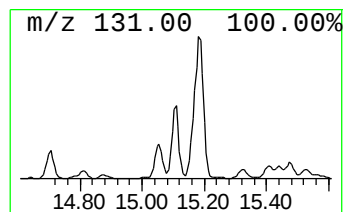
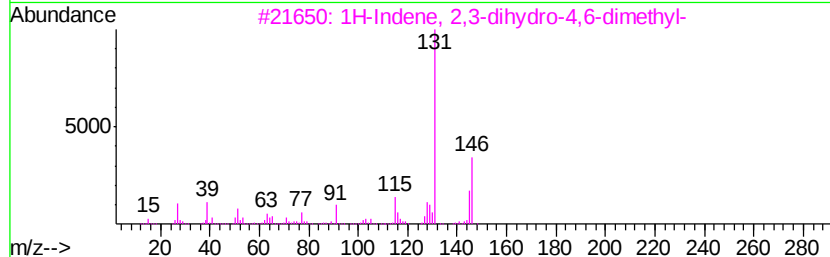
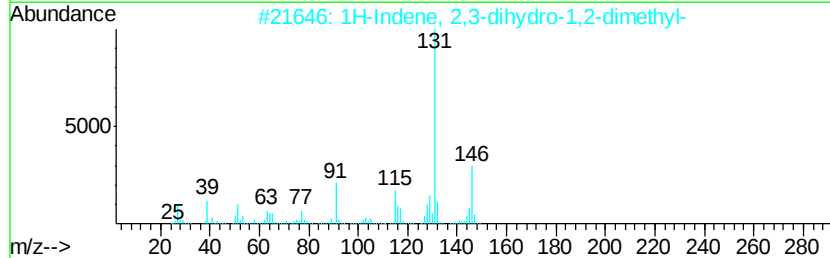
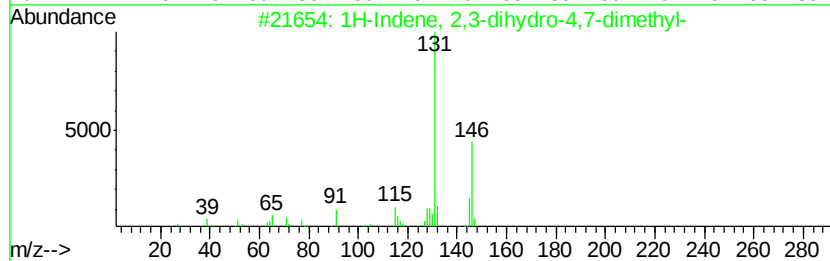
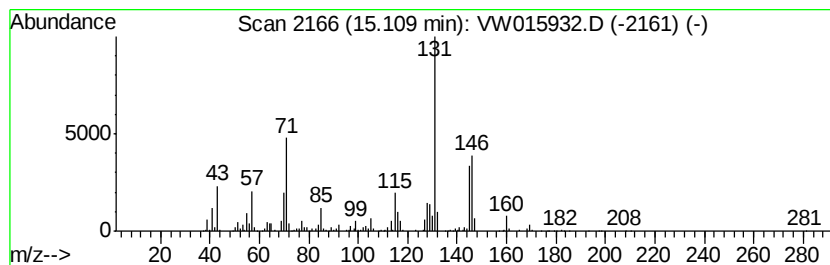
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	54.27 ug/L	2839910	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	70
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

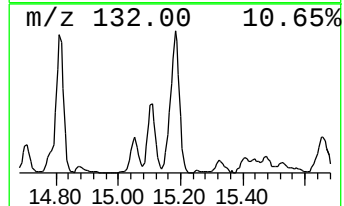
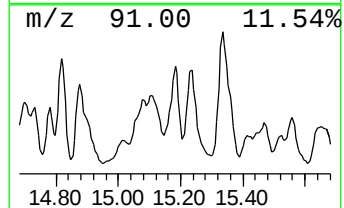
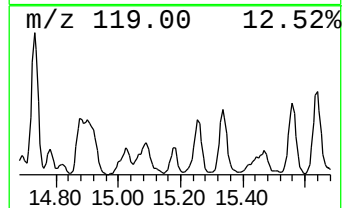
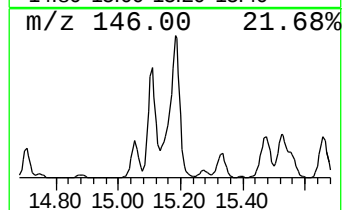
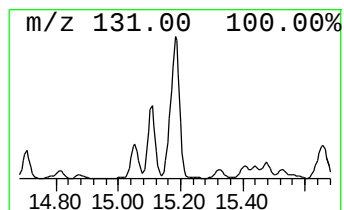
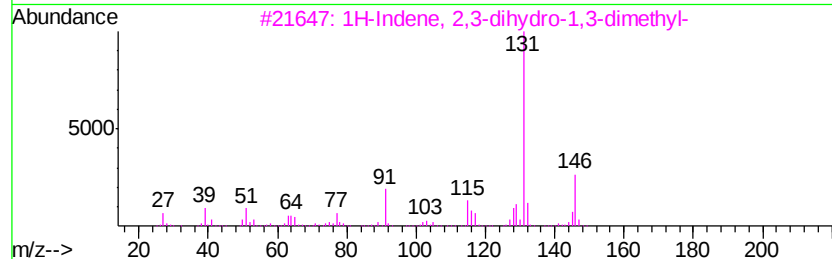
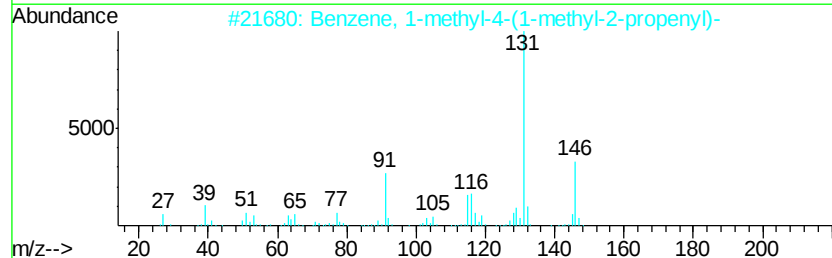
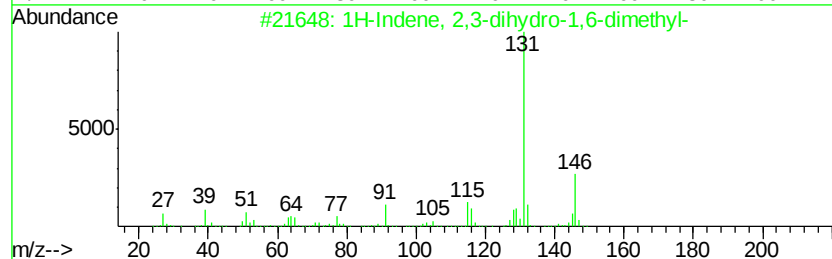
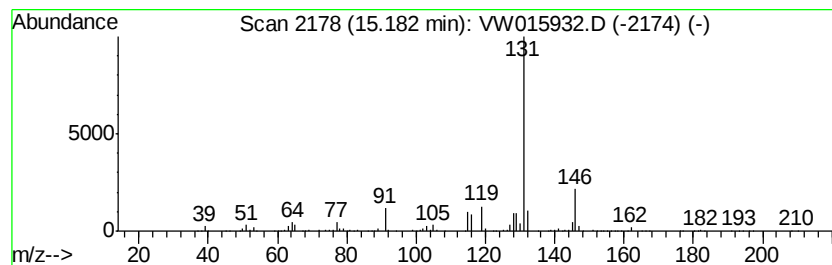
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	32.90 ug/L	1721770	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

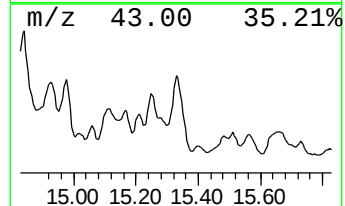
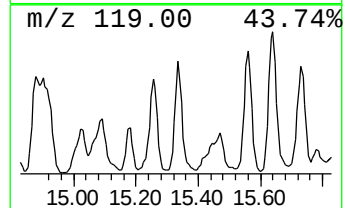
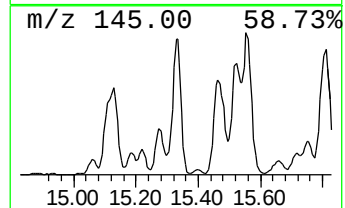
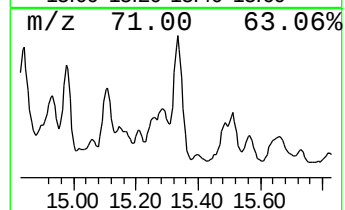
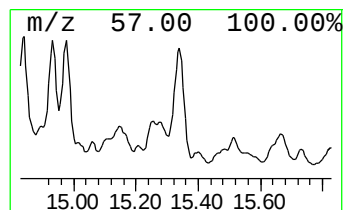
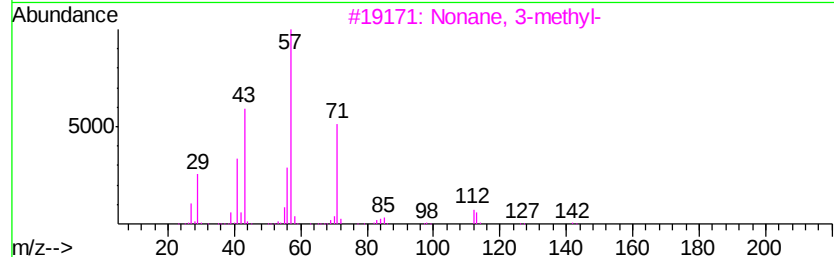
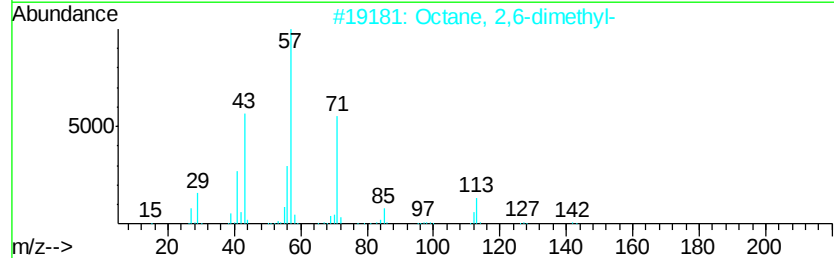
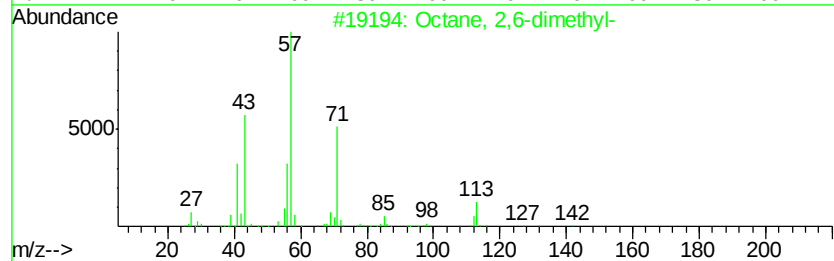
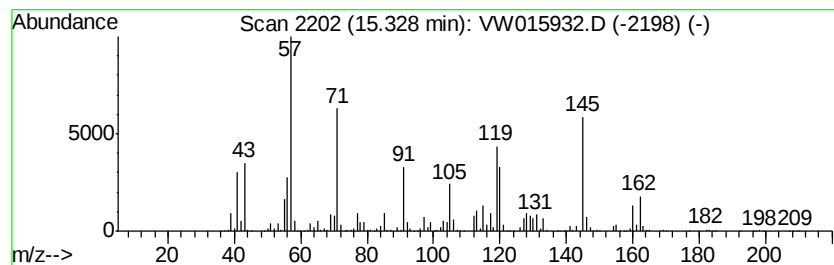
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	96.16 ug/L	5031980	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	15
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	11
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	11
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	11
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

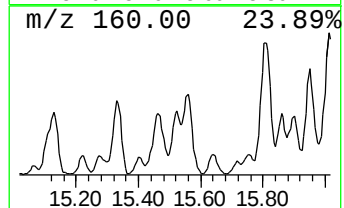
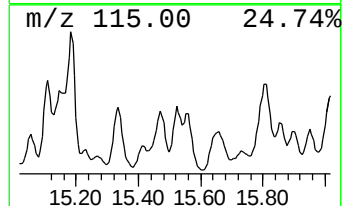
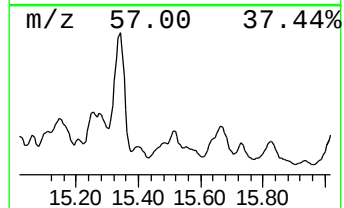
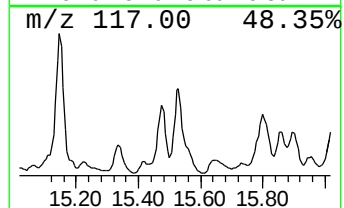
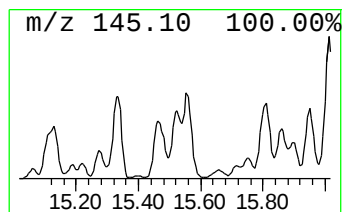
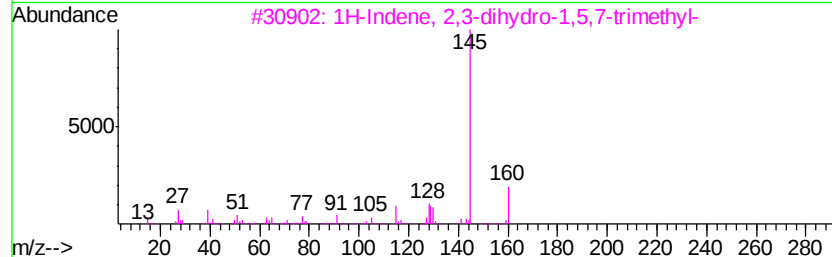
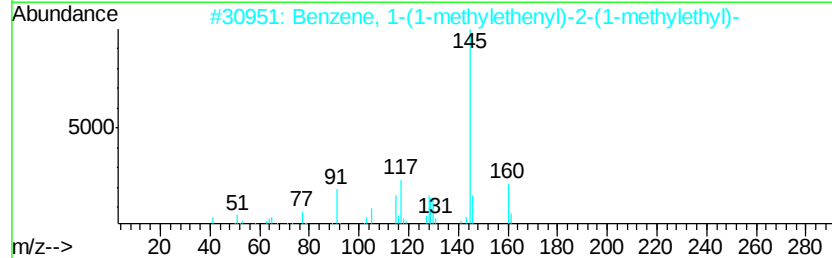
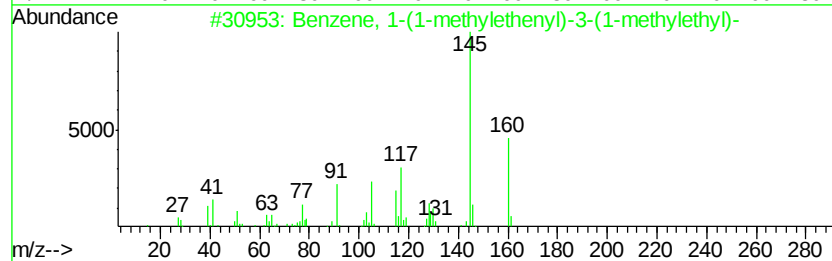
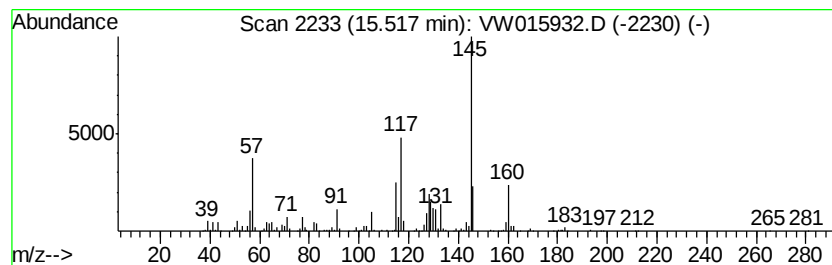
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 Benzene, 1-(1-methylethenyl)... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	9.34 ug/L	488958	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
2		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	81
3		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	64
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	62
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

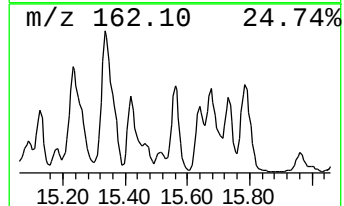
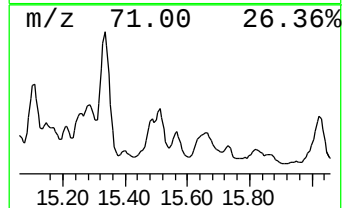
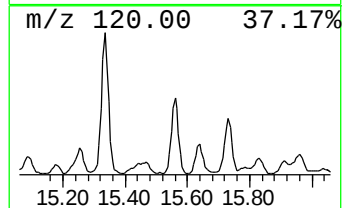
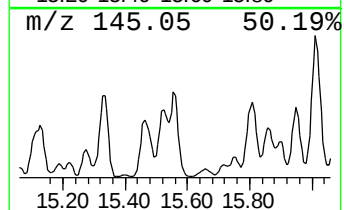
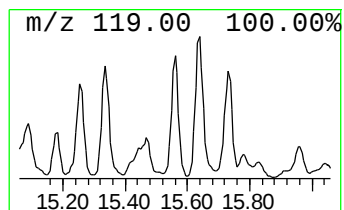
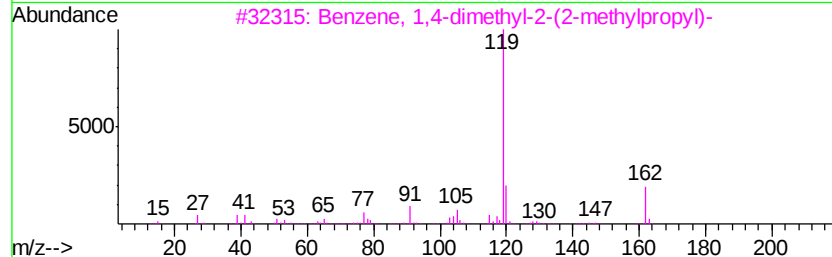
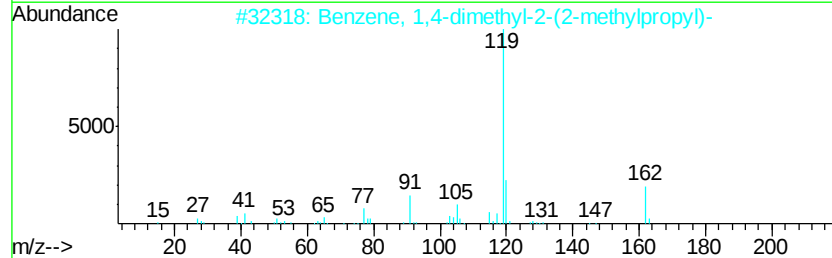
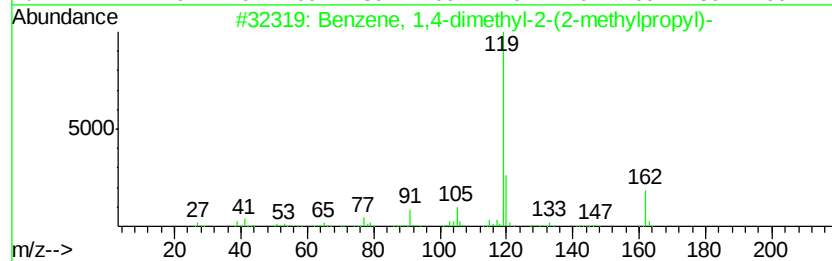
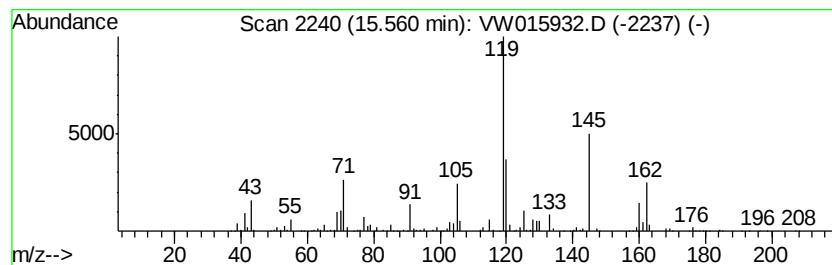
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 65 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	39.10 ug/L	2046150	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	46
2		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	46
3		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	43
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	27
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

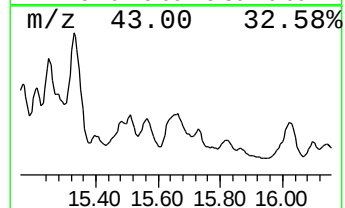
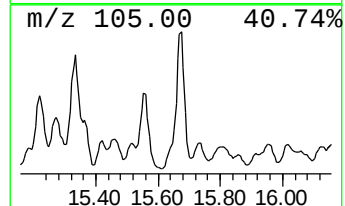
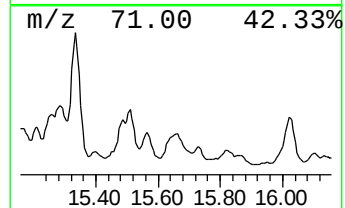
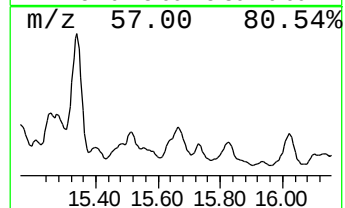
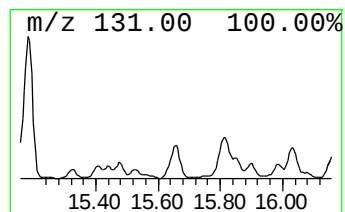
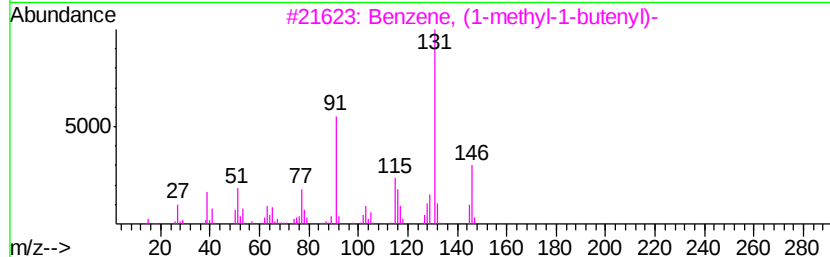
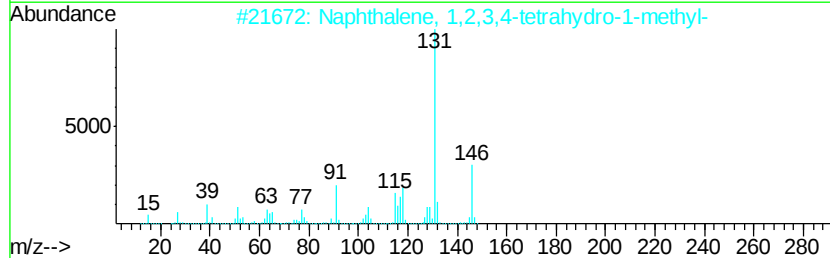
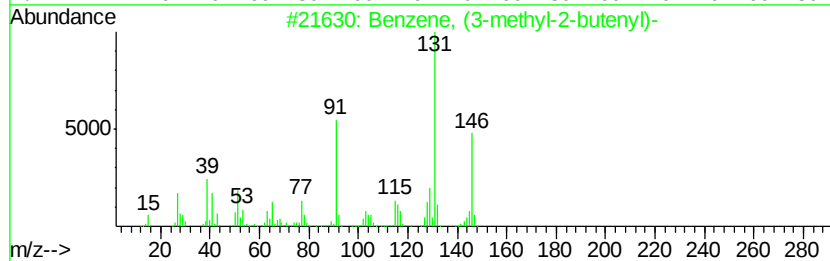
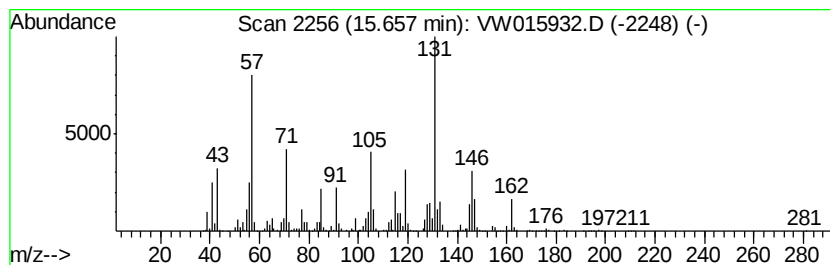
Instrument :
MSVOA_W
ClientSampleId :
GAY14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 unknown-04 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	62.94 ug/L	3293730	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 46
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 46
3		Benzene, (1-methyl-1-butenyl)-	146 C11H14	053172-84-2 46
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 46
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

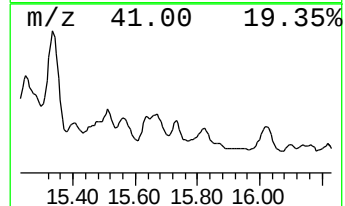
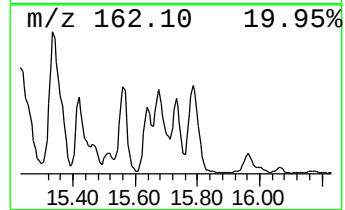
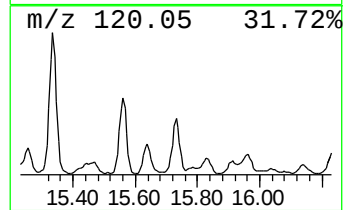
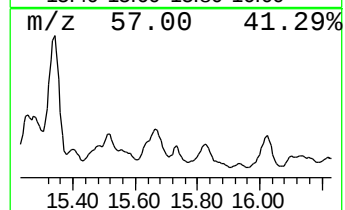
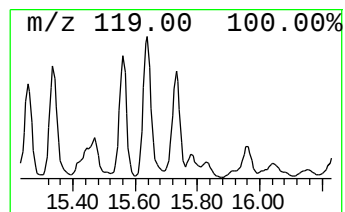
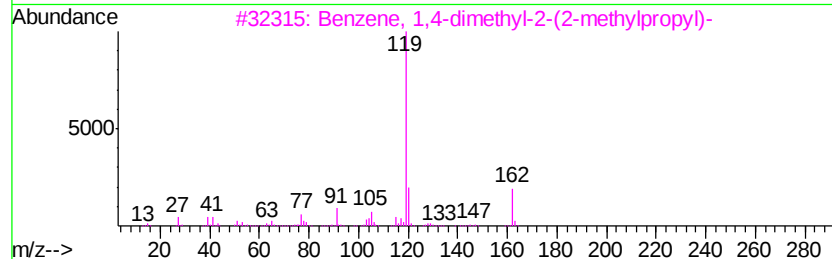
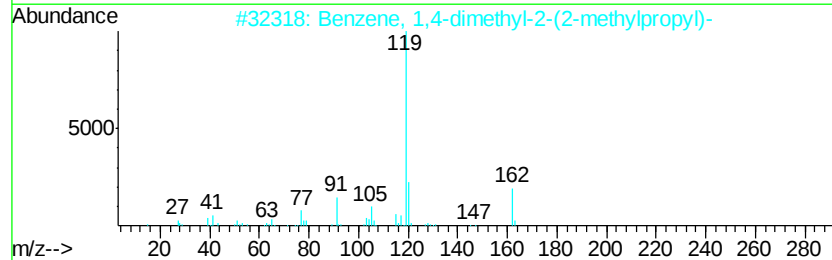
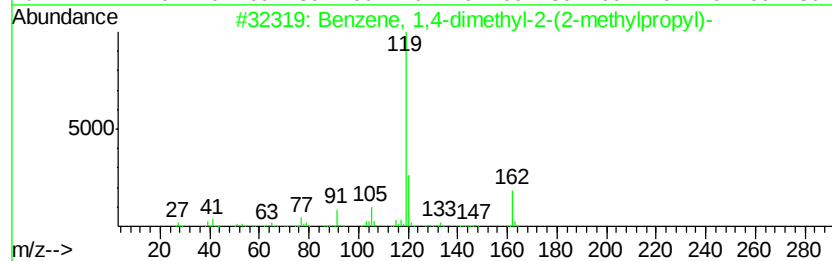
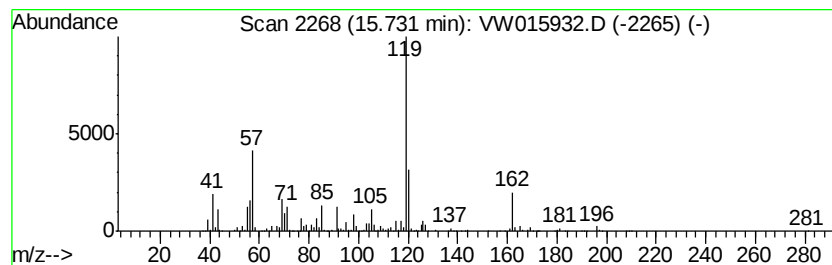
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 67 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	12.45 ug/L	651286	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	90
2		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	78
3		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	74
4		Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	72
5		Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

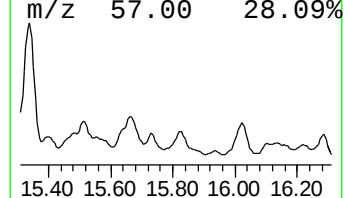
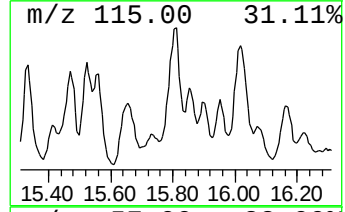
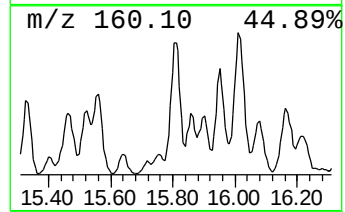
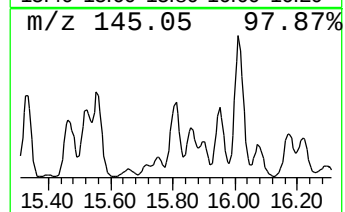
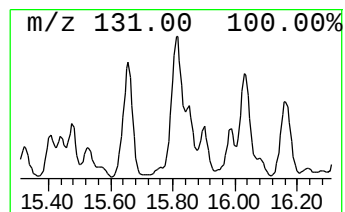
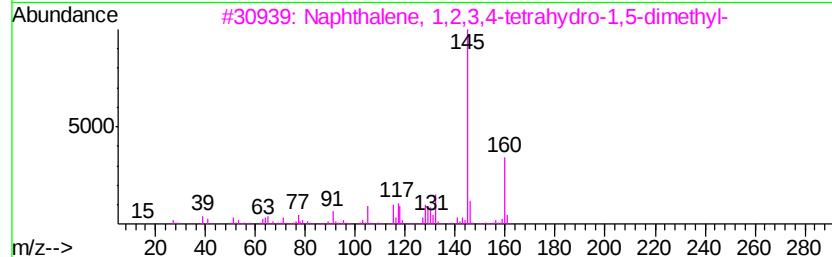
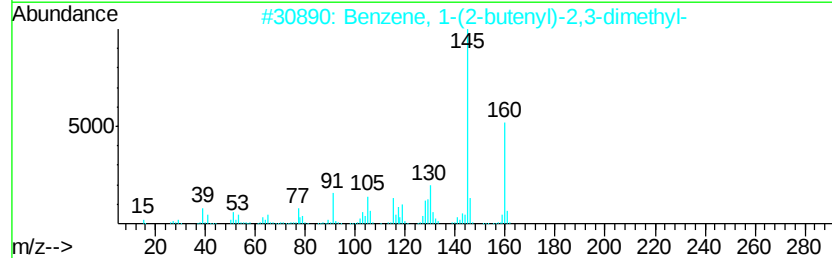
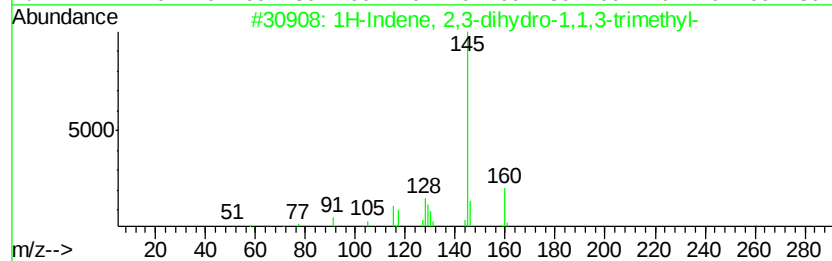
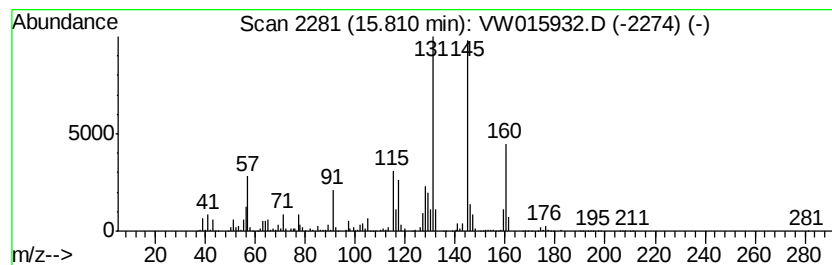
Instrument :
MSVOA_W
ClientSampleId :
GAY14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 68 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	37.83 ug/L	1979710	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 70
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 64
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-91-0 60
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 58
5		1H-Inden-1-one, 2,3-dihydro-3,3-...	160 C11H12O	026465-81-6 55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

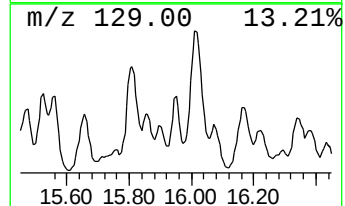
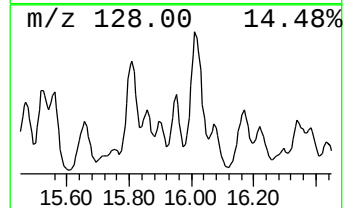
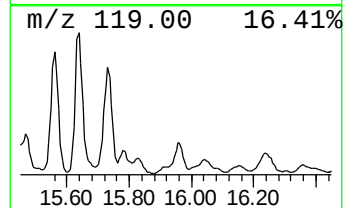
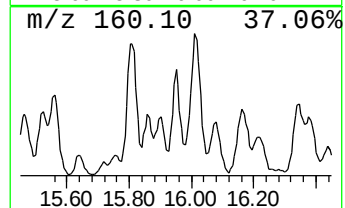
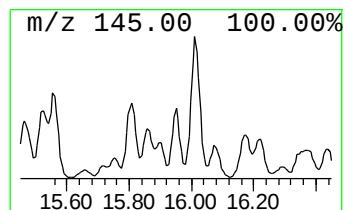
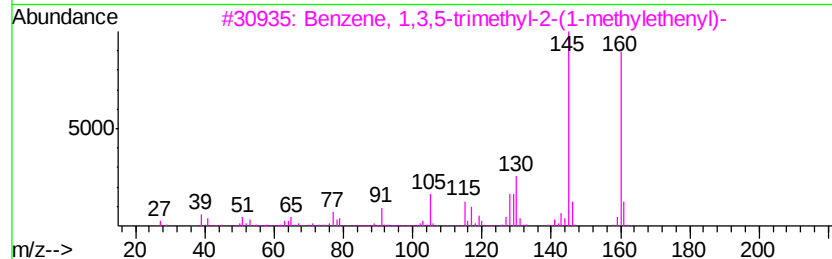
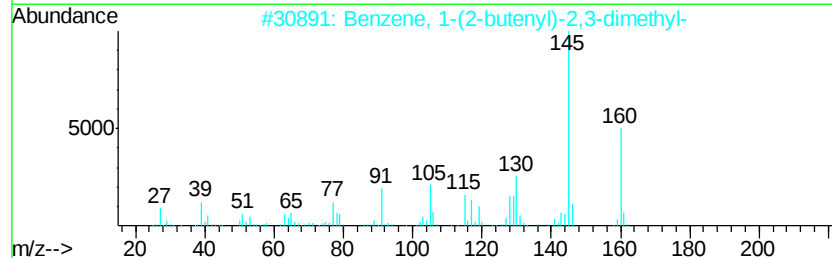
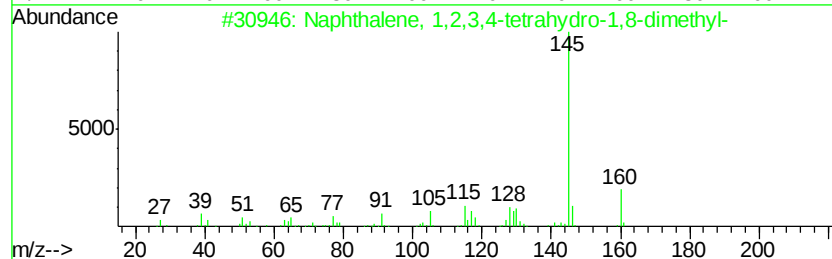
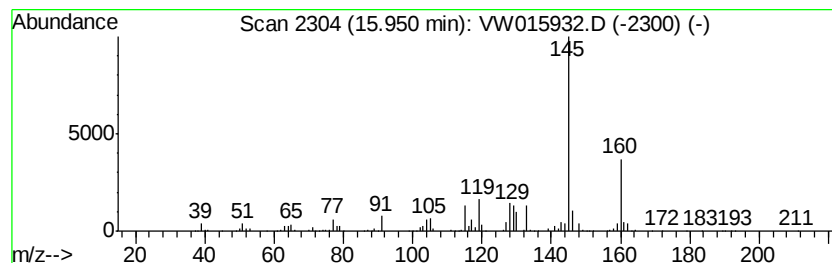
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 69 Naphthalene, 1,2,3,4-tetra... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	9.33 ug/L	488362	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	83
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	81
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

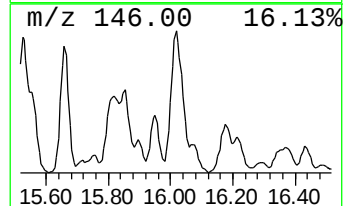
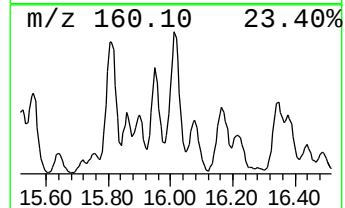
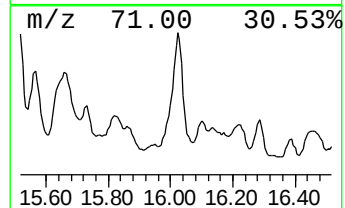
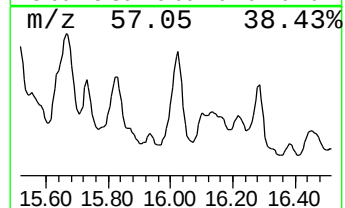
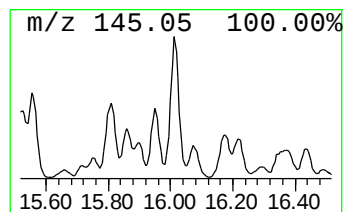
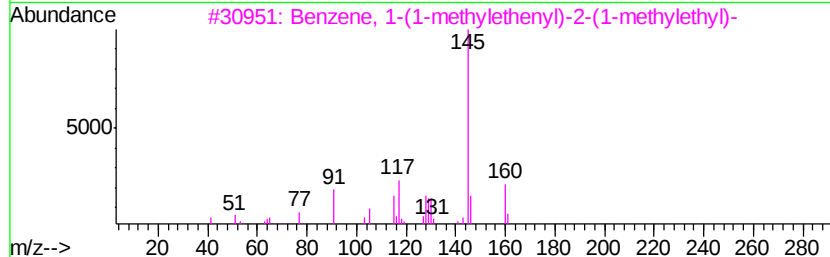
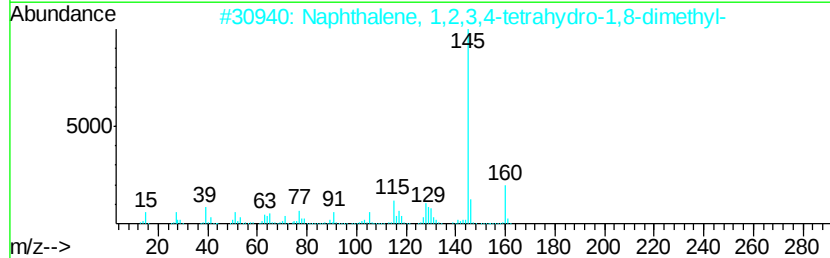
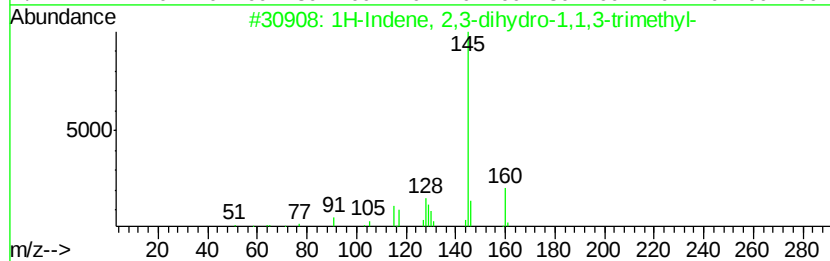
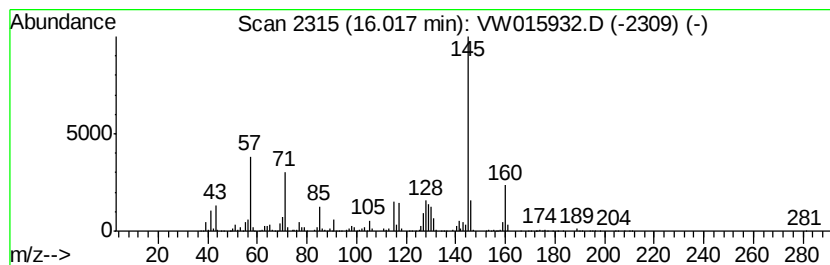
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 70 Benzene, 1-(1-methylethenyl)... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	41.19 ug/L	2155330	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	89
3		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	81
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

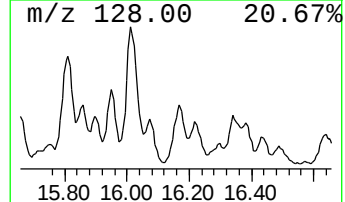
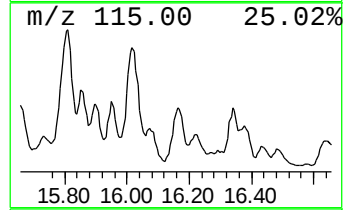
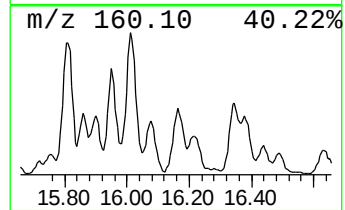
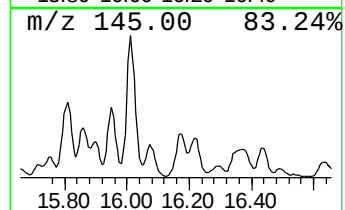
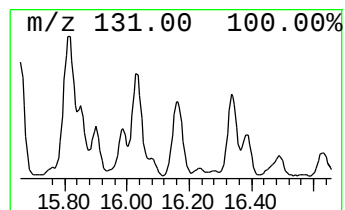
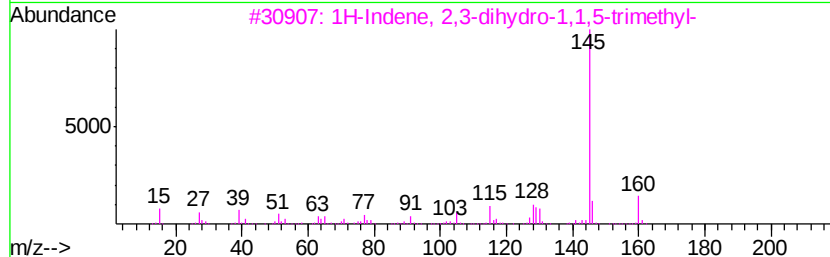
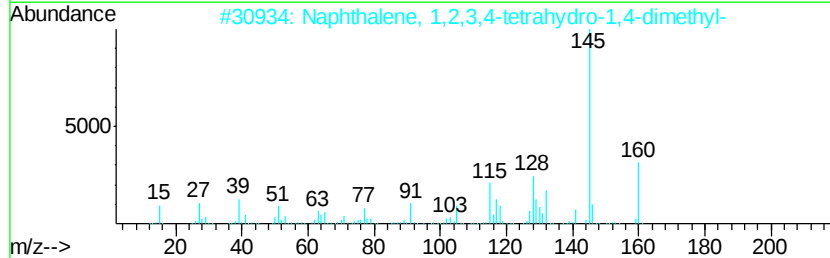
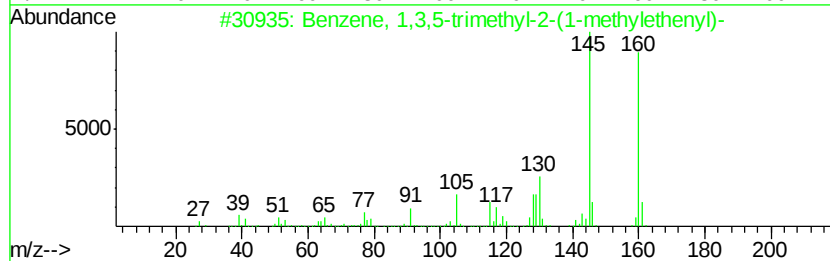
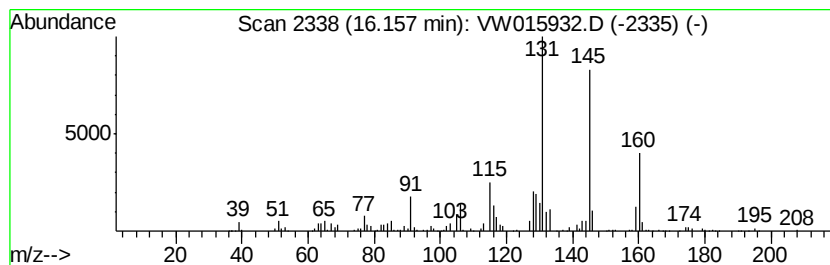
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 71 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	11.50 ug/L	601902	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53
3		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	49
4		1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	49
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAY14

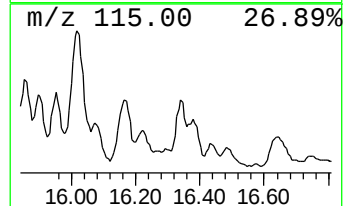
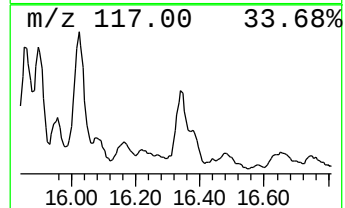
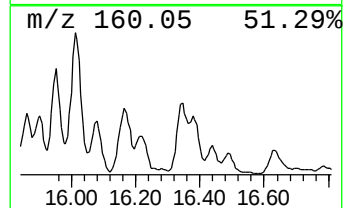
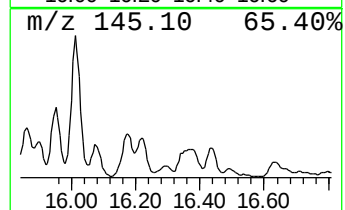
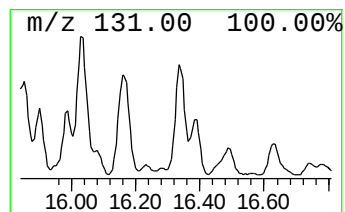
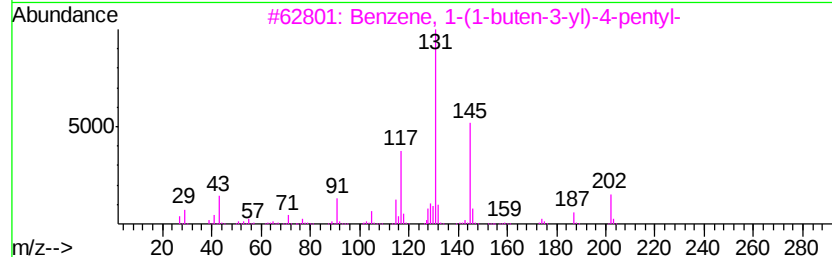
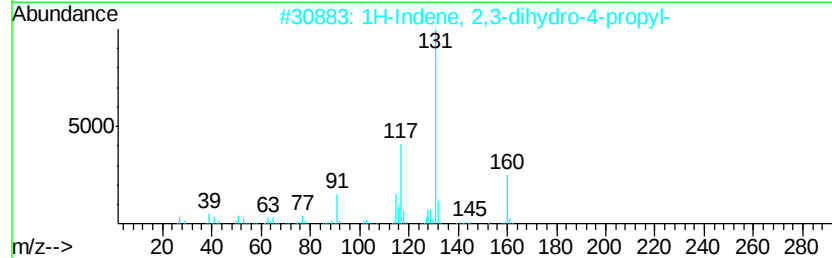
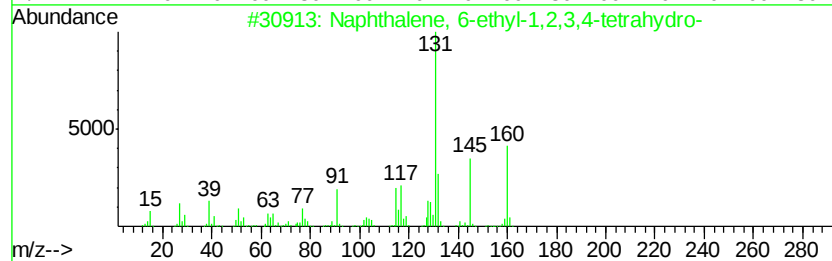
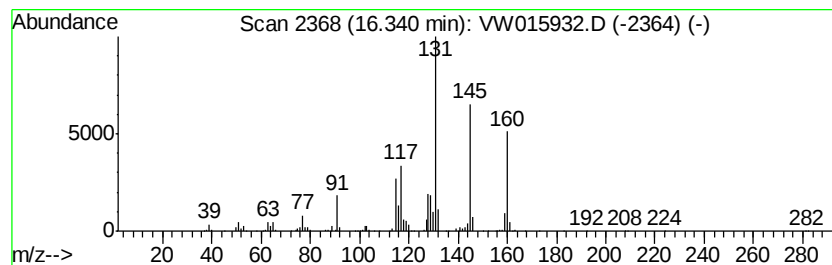
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 72 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	7.01 ug/L	366715	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	83
2		1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	62
3		Benzene, 1-(1-buten-3-yl)-4-pentyl-	202	C15H22	1000161-70-6	59
4		1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	50
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

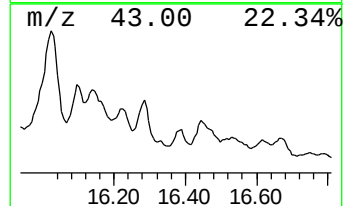
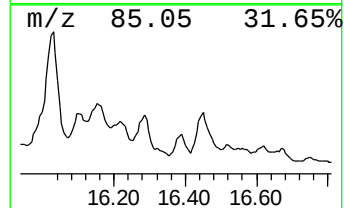
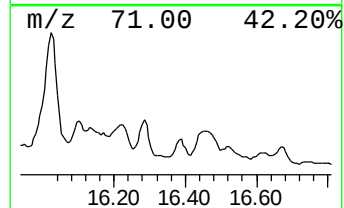
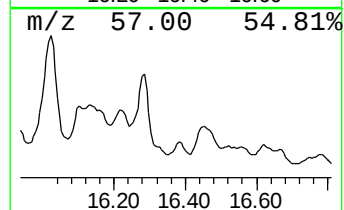
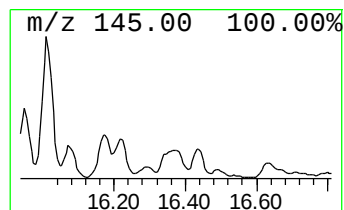
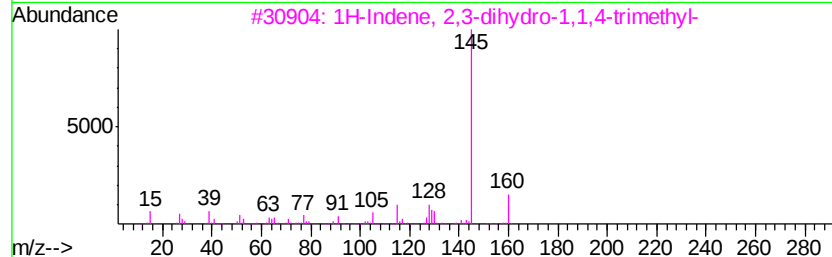
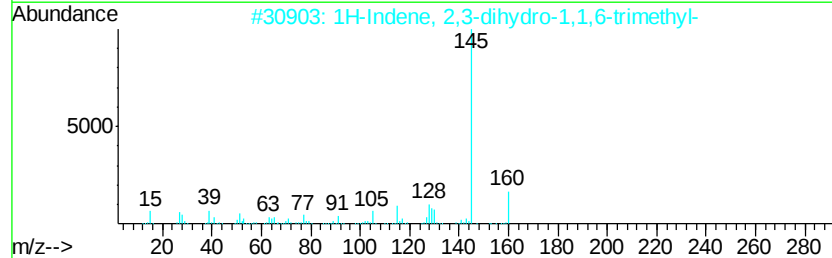
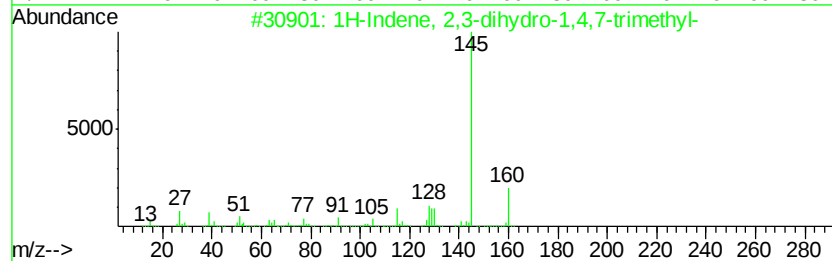
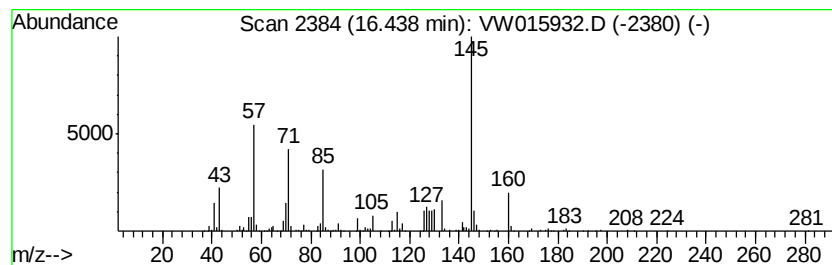
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 73 1H-Indene, 2,3-dihydro-1,4,... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	6.67 ug/L	349138	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	60
2			1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	60
3			1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	60
4			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	58
5			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
Data File : VW015932.D
Acq On : 23 Jul 2020 19:25
Operator : SY/VA
Sample : L3395-04
Misc : 5.82G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAY14

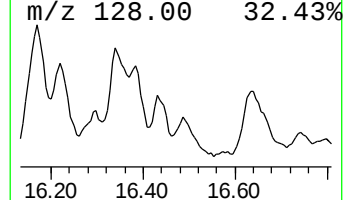
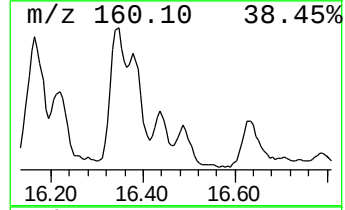
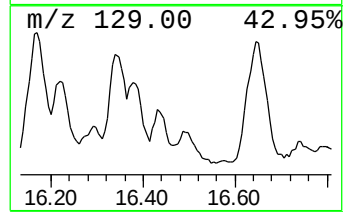
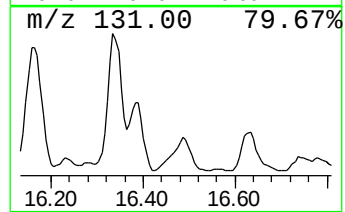
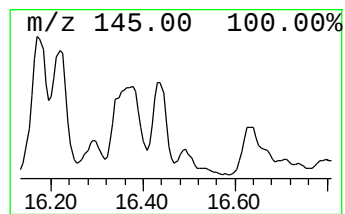
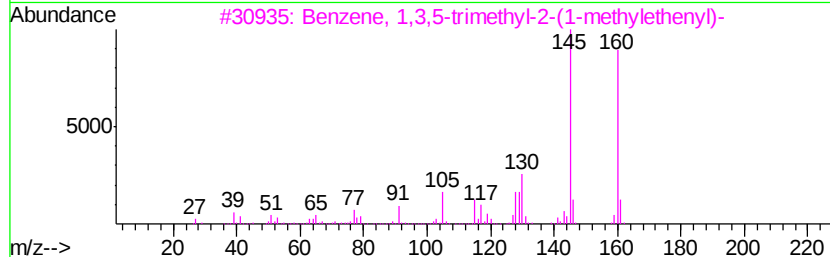
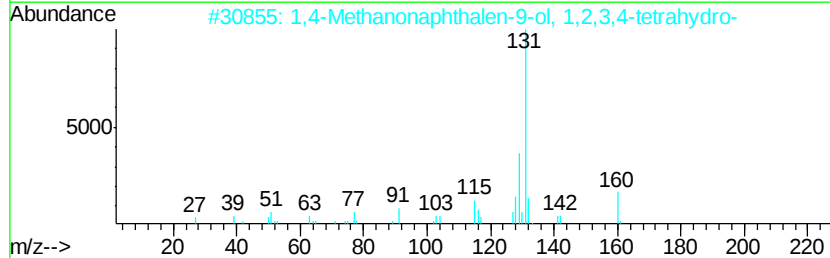
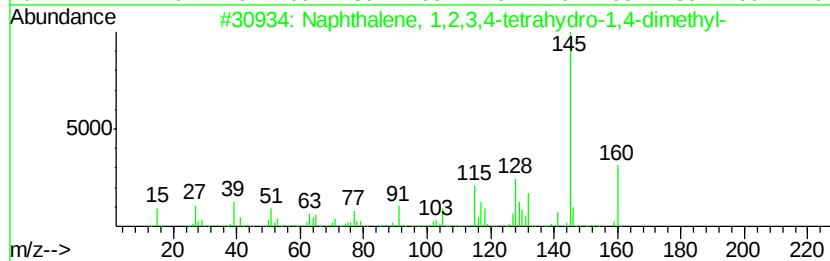
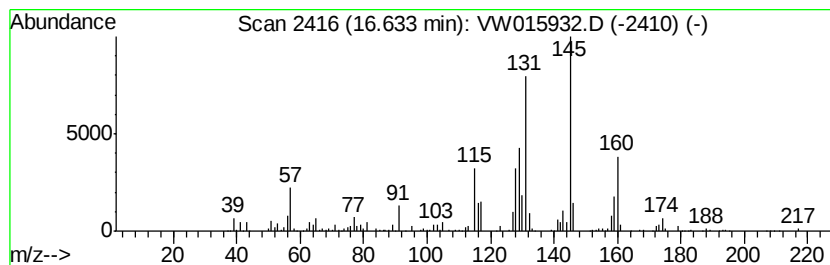
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 74 Naphthalene, 1,2,3,4-tetra... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	7.06 ug/L	369570	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	60
2			1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	49
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	49
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072320\
 Data File : VW015932.D
 Acq On : 23 Jul 2020 19:25
 Operator : SY/VA
 Sample : L3395-04
 Misc : 5.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--				
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: Str...	4.90	25.8	ug/L	1012640	1	8.85	983032	25.0	
(DEL) Alkane: Str...	6.72	9.0	ug/L	352594	1	8.85	983032	25.0	
(DEL) Alkane: Str...	6.88	625.9	ug/L	24612000	1	8.85	983032	25.0	
(DEL) Alkane: Str...	7.17	11.4	ug/L	449734	1	8.85	983032	25.0	
(DEL) Alkane: Str...	8.04	954.8	ug/L	37542400	1	8.85	983032	25.0	
(DEL) Alkane: Str...	8.50	4129.4	ug/L	162374000	1	8.85	983032	25.0	
(DEL) Alkane: Str...	9.15	6.0	ug/L	236579	1	8.85	983032	25.0	
(DEL) Alkane: Str...	9.34	857.2	ug/L	33707300	1	8.85	983032	25.0	
Hexane, 1-(hexylo...	9.39	851.6	ug/L	33488000	1	8.85	983032	25.0	
(DEL) Alkane: Str...	9.48	186.2	ug/L	7319920	1	8.85	983032	25.0	
(DEL) Alkane: Cyc...	9.62	128.2	ug/L	5039790	1	8.85	983032	25.0	
(DEL) Alkane: Str...	9.77	2643.9	ug/L	103962000	1	8.85	983032	25.0	
(DEL) Alkane: Str...	9.90	1739.5	ug/L	68401000	1	8.85	983032	25.0	
(DEL) Alkane: Str...	10.08	183.7	ug/L	7221840	1	8.85	983032	25.0	
(DEL) Alkane: Str...	10.26	57.0	ug/L	65914000	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	10.70	3.1	ug/L	3557210	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	10.78	13.2	ug/L	15296700	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	11.04	11.8	ug/L	13638100	2	11.63	28932600	25.0	
unknown-01	11.23	4.7	ug/L	5482370	2	11.63	28932600	25.0	
1,2,4,4-Tetrameth...	11.29	2.1	ug/L	2483680	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	11.38	1.8	ug/L	2134590	2	11.63	28932600	25.0	
(DEL) Alkane: Cyc...	11.44	4.4	ug/L	5052240	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	11.55	7.1	ug/L	8189600	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	11.70	32.9	ug/L	38124600	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	11.77	1.7	ug/L	1957900	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	11.88	25.9	ug/L	29978400	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	12.03	4.1	ug/L	4703440	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	12.07	11.3	ug/L	13055000	2	11.63	28932600	25.0	
(DEL) Alkane: Cyc...	12.14	2.2	ug/L	2512100	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	12.25	11.8	ug/L	13643100	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	12.33	3.4	ug/L	3920350	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	12.51	4.9	ug/L	5670000	2	11.63	28932600	25.0	
(DEL) Alkane: Str...	12.60	1360.7	ug/L	71201600	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	12.76	619.3	ug/L	32404500	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	12.87	56.3	ug/L	2946110	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	12.96	508.5	ug/L	26607900	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.02	126.5	ug/L	6620960	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.13	171.9	ug/L	8995770	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.19	514.1	ug/L	26899300	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.30	178.2	ug/L	9324950	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.35	10.8	ug/L	565689	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.41	293.6	ug/L	15364800	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.48	22.5	ug/L	1179580	3	13.56	1308180	25.0	
unknown-02	13.71	60.0	ug/L	3141930	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.77	182.8	ug/L	9564900	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	13.94	53.1	ug/L	2781400	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	14.03	11.3	ug/L	590146	3	13.56	1308180	25.0	
Sulfurous acid, b...	14.08	55.5	ug/L	2905960	3	13.56	1308180	25.0	
(DEL) Alkane: Str...	14.12	188.7	ug/L	9871370	3	13.56	1308180	25.0	

(DEL) Alkane: Str...	14.19	35.1 ug/L	1838010	3	13.56	1308180	25.0
(DEL) Alkane: Str...	14.27	83.6 ug/L	4375360	3	13.56	1308180	25.0
Benzene, (2-methy...	14.39	20.4 ug/L	1065390	3	13.56	1308180	25.0
(DEL) Alkane: Str...	14.43	41.4 ug/L	2166840	3	13.56	1308180	25.0
(DEL) Alkane: Str...	14.51	241.7 ug/L	12644900	3	13.56	1308180	25.0
(DEL) Alkane: Str...	14.68	33.7 ug/L	1763190	3	13.56	1308180	25.0
Benzene, 1-methyl...	14.74	13.1 ug/L	682740	3	13.56	1308180	25.0
(DEL) Alkane: Str...	14.83	35.5 ug/L	1856090	3	13.56	1308180	25.0
(DEL) Alkane: Str...	14.93	23.3 ug/L	1219280	3	13.56	1308180	25.0
(DEL) Alkane: Str...	14.97	25.8 ug/L	1348040	3	13.56	1308180	25.0
Benzene, (1-methy...	15.06	11.6 ug/L	607893	3	13.56	1308180	25.0
1H-Indene, 2,3-di...	15.11	54.3 ug/L	2839910	3	13.56	1308180	25.0
1H-Indene, 2,3-di...	15.18	32.9 ug/L	1721770	3	13.56	1308180	25.0
(DEL) Alkane: Str...	15.33	96.2 ug/L	5031980	3	13.56	1308180	25.0
Benzene, 1-(1-met...	15.52	9.3 ug/L	488958	3	13.56	1308180	25.0
unknown-03	15.56	39.1 ug/L	2046150	3	13.56	1308180	25.0
unknown-04	15.66	62.9 ug/L	3293730	3	13.56	1308180	25.0
Benzene, 1,4-dime...	15.73	12.4 ug/L	651286	3	13.56	1308180	25.0
1H-Indene, 2,3-di...	15.81	37.8 ug/L	1979710	3	13.56	1308180	25.0
Naphthalene, 1,2,...	15.95	9.3 ug/L	488362	3	13.56	1308180	25.0
Benzene, 1-(1-met...	16.02	41.2 ug/L	2155330	3	13.56	1308180	25.0
Benzene, 1,3,5-tr...	16.16	11.5 ug/L	601902	3	13.56	1308180	25.0
Naphthalene, 6-et...	16.34	7.0 ug/L	366715	3	13.56	1308180	25.0
1H-Indene, 2,3-di...	16.44	6.7 ug/L	349138	3	13.56	1308180	25.0
Naphthalene, 1,2,...	16.63	7.1 ug/L	369570	3	13.56	1308180	25.0

Instrument :
MSVOA_W
ClientSampleId :
GAY14