

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018426.D
 Acq On : 23 Mar 2021 15:05
 Operator : SY/VA
 Sample : M1781-04
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F2

Integration Parameters: LSCINT.P

Integrator: RTE

Smothing : 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\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018426.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	67	75	89	rVV	139997	305301	7.70%	0.387%
2	2.897	155	163	174	rBV	115837	283208	7.14%	0.359%
3	4.025	334	348	361	rBV	189982	614586	15.50%	0.779%
4	6.878	803	816	836	rBV2	42368	141796	3.58%	0.180%
5	7.080	841	849	860	rBV	49275	144029	3.63%	0.183%
6	7.647	932	942	964	rBV	297745	762572	19.23%	0.967%
7	7.927	978	988	997	rBV	265675	623000	15.71%	0.790%
8	8.037	997	1006	1017	rVV	140071	366749	9.25%	0.465%
9	8.159	1017	1026	1035	rVV	341830	774376	19.53%	0.982%
10	8.275	1036	1045	1061	rVB2	580958	1719560	43.37%	2.180%
11	8.482	1072	1079	1090	rVB	390032	1046065	26.39%	1.326%
12	8.695	1105	1114	1124	rVB	374068	720873	18.18%	0.914%
13	8.841	1129	1138	1152	rBV	632069	1256660	31.70%	1.593%
14	9.274	1201	1209	1214	rBV	393402	864773	21.81%	1.096%
15	9.329	1214	1218	1223	rVV	324483	646608	16.31%	0.820%
16	9.384	1223	1227	1235	rVB	340026	626678	15.81%	0.795%
17	9.610	1253	1264	1271	rVB4	108338	299047	7.54%	0.379%
18	9.756	1280	1288	1300	rBV2	477132	1071989	27.04%	1.359%
19	9.896	1300	1311	1316	rBV	715600	1511204	38.12%	1.916%
20	9.957	1316	1321	1325	rBV	797701	1430113	36.07%	1.813%
21	10.036	1330	1334	1338	rVV	200049	365965	9.23%	0.464%
22	10.097	1338	1344	1356	rVB	1046478	2303251	58.10%	2.920%
23	10.250	1361	1369	1375	rBV2	414304	741710	18.71%	0.940%
24	10.323	1375	1381	1392	rBV	1078243	2046560	51.62%	2.595%
25	10.445	1392	1401	1404	rBV4	113868	251638	6.35%	0.319%
26	10.506	1404	1411	1417	rVB	1140559	1989406	50.18%	2.522%
27	10.579	1417	1423	1427	rBV2	186257	344768	8.70%	0.437%
28	10.670	1433	1438	1440	rBV2	73809	131431	3.32%	0.167%
29	10.768	1446	1454	1462	rBV7	211420	547982	13.82%	0.695%
30	10.847	1462	1467	1473	rVB	234239	399354	10.07%	0.506%
31	10.933	1473	1481	1487	rBV2	411935	858464	21.65%	1.088%
32	11.036	1493	1498	1506	rVB	393146	795511	20.07%	1.009%
33	11.109	1506	1510	1513	rBV2	102595	173136	4.37%	0.220%
34	11.183	1518	1522	1525	rVB	79816	102701	2.59%	0.130%
35	11.231	1525	1530	1534	rBV2	167212	305062	7.69%	0.387%
36	11.280	1535	1538	1543	rVB3	120712	202441	5.11%	0.257%
37	11.341	1543	1548	1551	rBV	238985	387629	9.78%	0.491%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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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 >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Title : VOC Analysis

38	11.408	1551	1559	1571	rVB2	1097731	2616177	65.99%	3.317%
39	11.512	1571	1576	1585	rBV	917789	1505006	37.96%	1.908%
40	11.628	1587	1595	1602	rBV	1006964	1836283	46.32%	2.328%
41	11.695	1602	1606	1609	rBV2	94546	126898	3.20%	0.161%
42	11.731	1609	1612	1615	rBV2	87178	114834	2.90%	0.146%
43	11.841	1620	1630	1634	rBV	838627	1689192	42.61%	2.142%
44	11.920	1639	1643	1647	rVB2	132665	210731	5.32%	0.267%
45	12.067	1662	1667	1672	rVB3	134865	251771	6.35%	0.319%
46	12.134	1673	1678	1684	rBV2	285016	539198	13.60%	0.684%
47	12.249	1692	1697	1701	rVB	225949	374430	9.44%	0.475%
48	12.335	1701	1711	1714	rBV6	180139	464803	11.72%	0.589%
49	12.371	1714	1717	1722	rVB5	110093	214731	5.42%	0.272%
50	12.505	1731	1739	1742	rBV7	234234	615722	15.53%	0.781%
51	12.542	1742	1745	1747	rVV	99231	140577	3.55%	0.178%
52	12.566	1747	1749	1751	rVV	153879	153017	3.86%	0.194%
53	12.646	1759	1762	1766	rVB	291918	366485	9.24%	0.465%
54	12.694	1766	1770	1776	rVB	440757	721707	18.20%	0.915%
55	12.755	1776	1780	1782	rBV2	56995	95855	2.42%	0.122%
56	12.926	1803	1808	1816	rVV2	720247	1273083	32.11%	1.614%
57	12.993	1816	1819	1828	rVB6	96391	170706	4.31%	0.216%
58	13.072	1828	1832	1836	rBV3	85431	127885	3.23%	0.162%
59	13.127	1836	1841	1844	rBV4	113947	207770	5.24%	0.263%
60	13.164	1844	1847	1854	rVB4	109720	205366	5.18%	0.260%
61	13.292	1864	1868	1873	rVB	113612	162576	4.10%	0.206%
62	13.371	1873	1881	1884	rBV5	114464	307081	7.75%	0.389%
63	13.438	1889	1892	1896	rVV2	235461	393076	9.91%	0.498%
64	13.487	1896	1900	1903	rVV2	177802	322662	8.14%	0.409%
65	13.518	1903	1905	1907	rVV2	144962	178064	4.49%	0.226%
66	13.554	1907	1911	1916	rVV	1071272	1692941	42.70%	2.146%
67	13.621	1919	1922	1929	rVB4	185798	298469	7.53%	0.378%
68	13.719	1932	1938	1939	rBV	522455	707208	17.84%	0.897%
69	13.749	1939	1943	1946	rVV	1192163	1885713	47.56%	2.391%
70	13.792	1946	1950	1956	rVV4	1550743	3146774	79.37%	3.990%
71	13.853	1956	1960	1969	rVV2	825205	1976264	49.85%	2.506%
72	13.950	1971	1976	1980	rVV	349723	525394	13.25%	0.666%
73	14.011	1980	1986	1987	rVV	584686	842216	21.24%	1.068%
74	14.036	1987	1990	1995	rVV2	803816	1272267	32.09%	1.613%
75	14.097	1995	2000	2011	rVB	1169878	1888522	47.64%	2.394%
76	14.200	2011	2017	2022	rVB3	462442	783458	19.76%	0.993%
77	14.273	2022	2029	2035	rBV6	152145	393332	9.92%	0.499%
78	14.341	2035	2040	2044	rBV3	135191	235057	5.93%	0.298%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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79	14.414	2044	2052	2055	rVV2	678916	1292344	32.60%	1.639%
80	14.456	2055	2059	2062	rVV	981408	1456526	36.74%	1.847%
81	14.499	2062	2066	2069	rVV	985106	1423044	35.89%	1.804%
82	14.536	2069	2072	2079	rVV	515698	746141	18.82%	0.946%
83	14.597	2079	2082	2085	rVV	132242	197588	4.98%	0.251%
84	14.639	2085	2089	2093	rVV	664988	917779	23.15%	1.164%
85	14.725	2093	2103	2108	rVB5	813302	2192058	55.29%	2.779%
86	14.786	2108	2113	2117	rBV2	730280	1318443	33.26%	1.672%
87	14.853	2120	2124	2130	rVB	478000	752099	18.97%	0.954%
88	14.981	2140	2145	2148	rBV	120847	208915	5.27%	0.265%
89	15.060	2148	2158	2170	rVV4	1209481	3964505	100.00%	5.027%
90	15.176	2170	2177	2184	rVB3	804015	1883625	47.51%	2.388%
91	15.322	2195	2201	2205	rBV3	182768	369074	9.31%	0.468%
92	15.414	2211	2216	2219	rBV2	73368	128210	3.23%	0.163%
93	15.468	2219	2225	2229	rBV	356086	617586	15.58%	0.783%
94	15.523	2229	2234	2237	rBV2	152332	279267	7.04%	0.354%
95	15.651	2248	2255	2262	rBV	432000	859130	21.67%	1.089%
96	15.822	2271	2283	2293	rVV4	211278	823839	20.78%	1.045%
97	15.944	2298	2303	2308	rVV	173425	333583	8.41%	0.423%
98	16.017	2308	2315	2330	rVB4	184474	623945	15.74%	0.791%
99	16.163	2331	2339	2344	rBV4	72979	185423	4.68%	0.235%
100	16.633	2409	2416	2426	rVB7	34718	107949	2.72%	0.137%

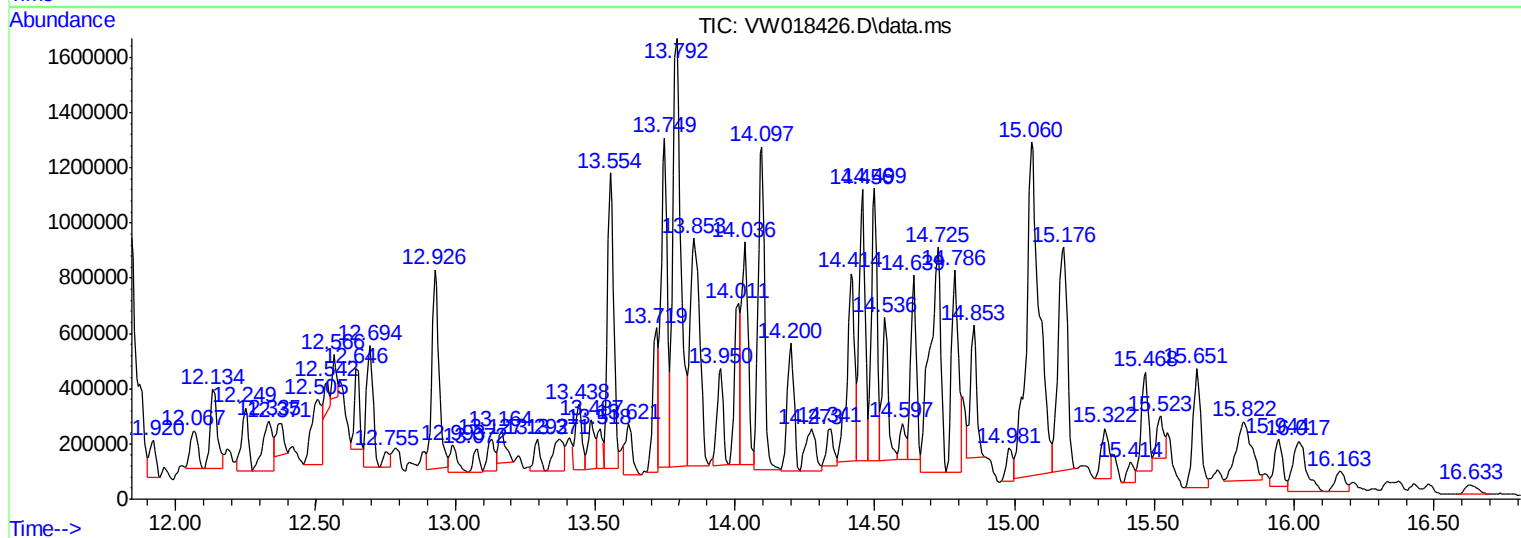
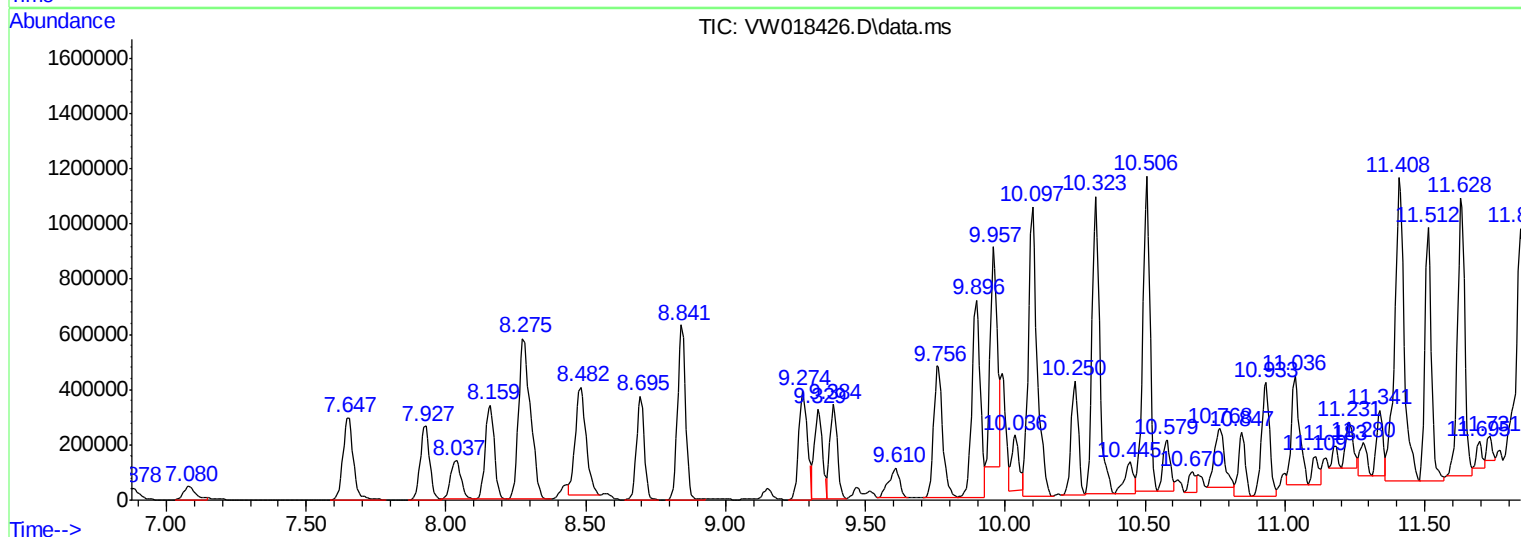
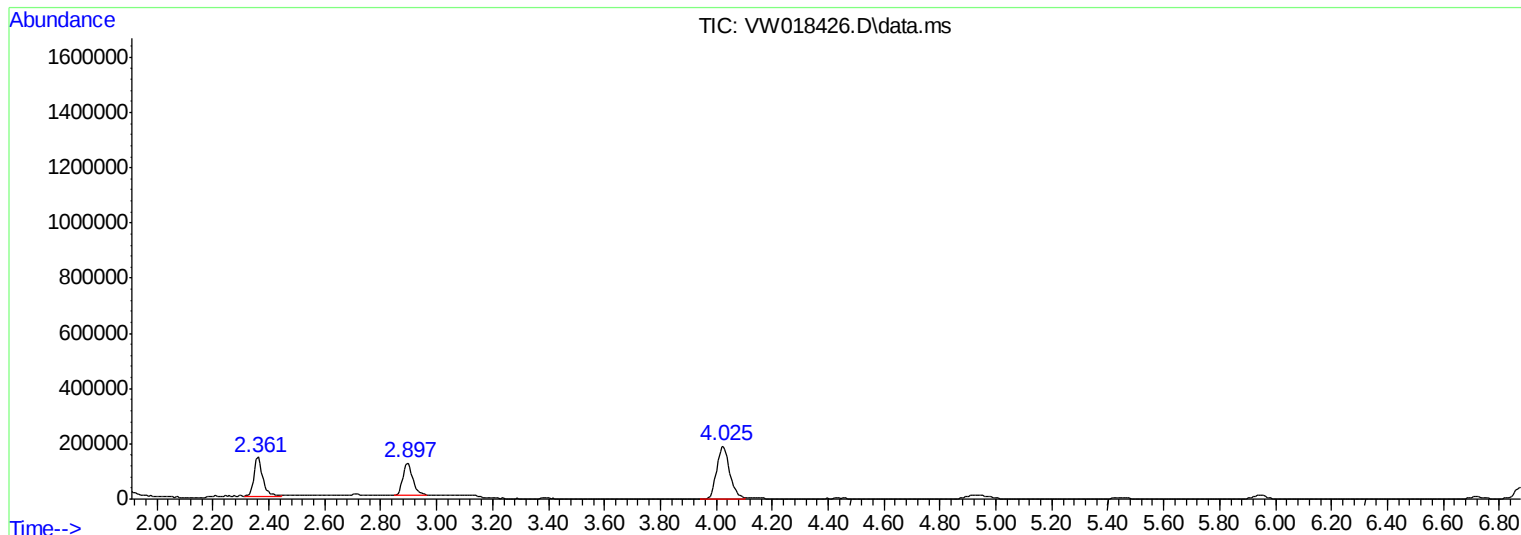
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



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Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

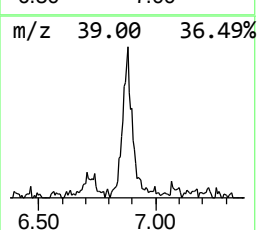
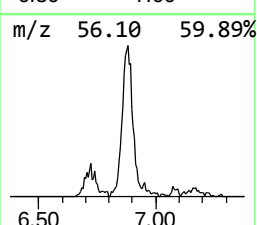
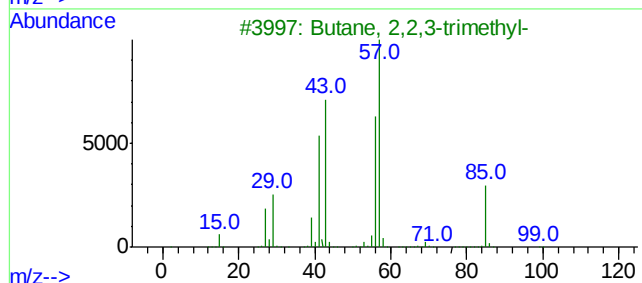
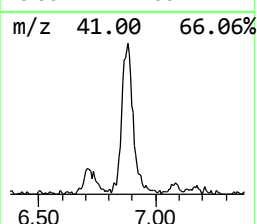
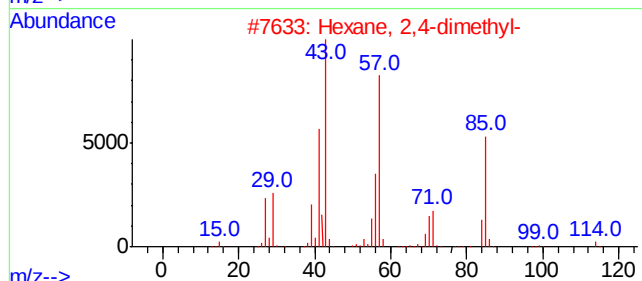
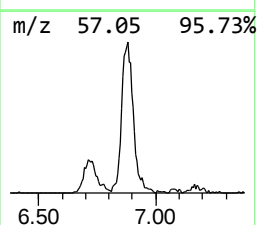
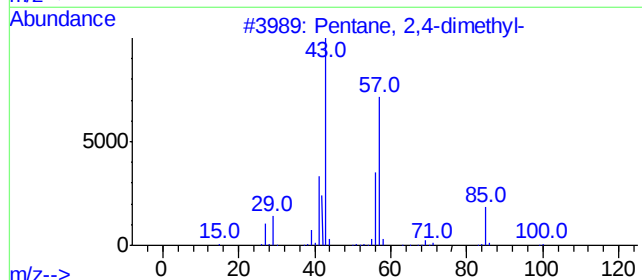
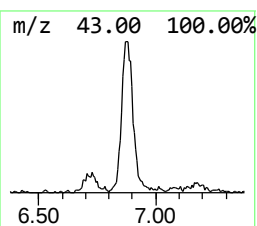
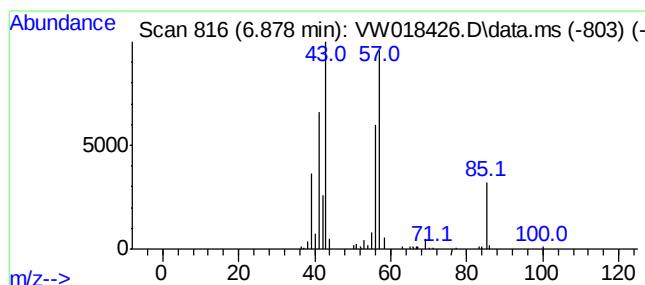
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.878	2.82 ug/L	141796	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59



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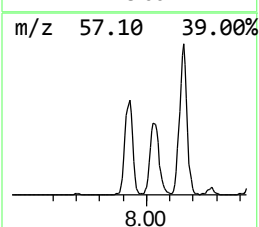
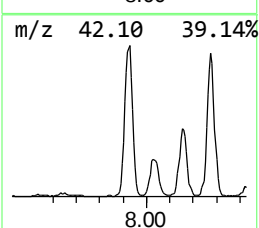
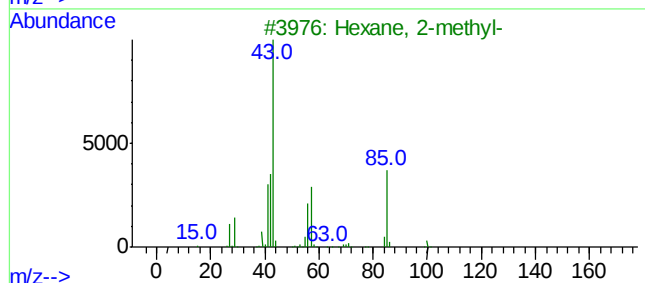
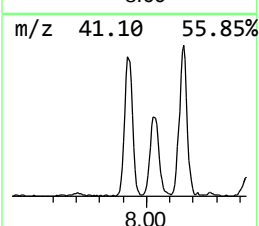
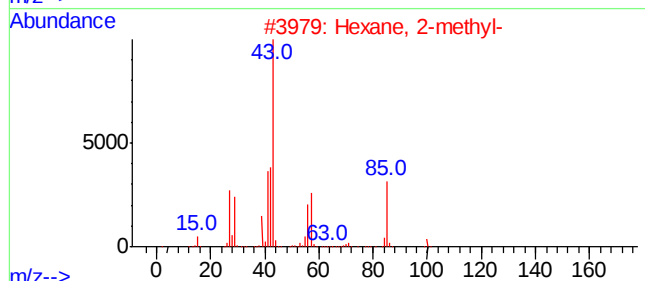
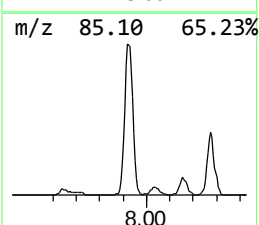
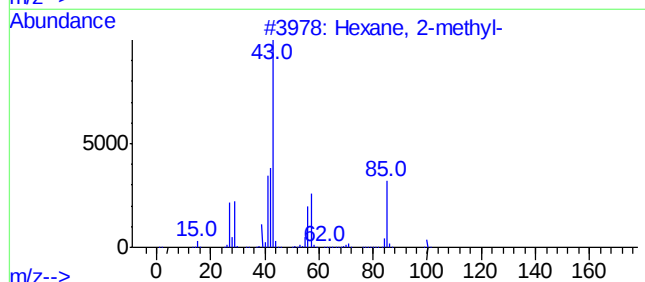
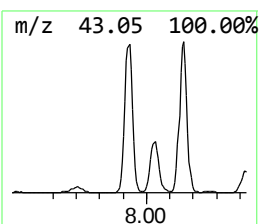
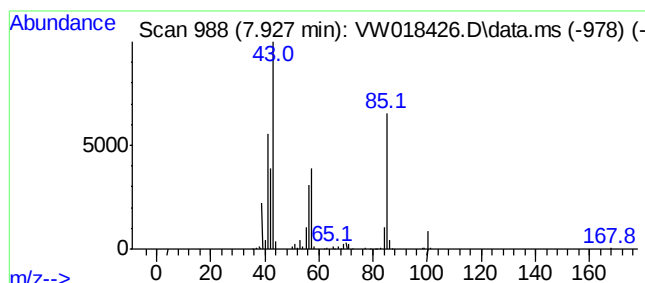
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.927	12.39 ug/L	623000	1,4-Difluorobenzene	8.841

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-		100	C7H16	000591-76-4	91
2	Hexane, 2-methyl-		100	C7H16	000591-76-4	91
3	Hexane, 2-methyl-		100	C7H16	000591-76-4	91
4	Pentane, 2,4-dimethyl-		100	C7H16	000108-08-7	53
5	Oxalic acid, ethyl isohexyl ester		202	C10H18O4	1000309-32-5	53



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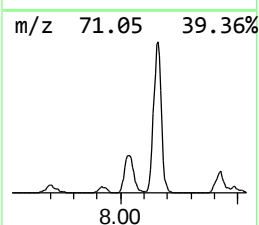
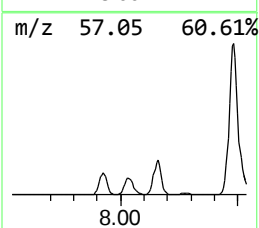
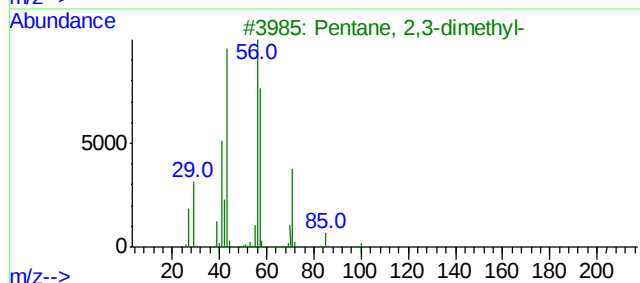
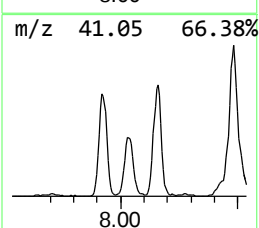
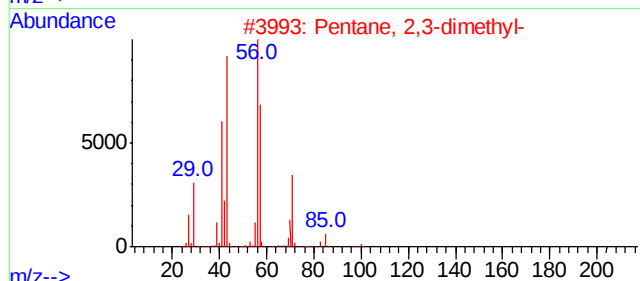
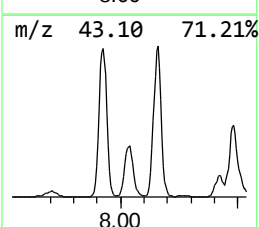
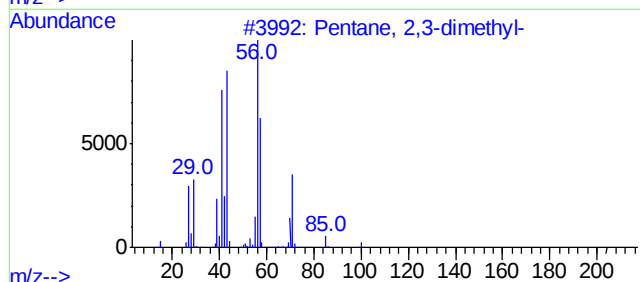
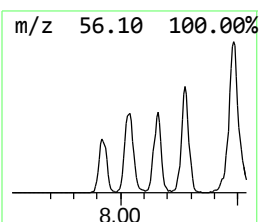
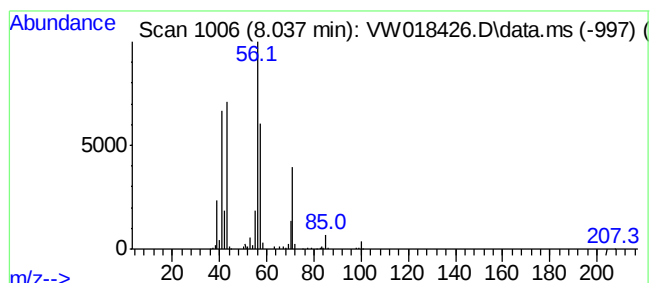
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Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.037	7.30 ug/L	366749	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	72
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4F2

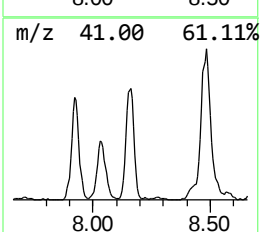
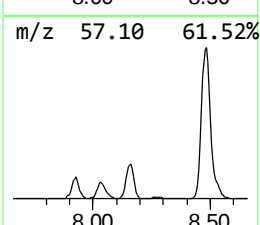
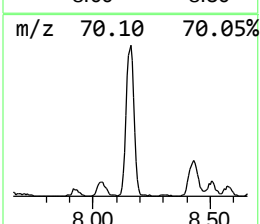
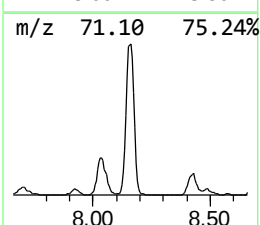
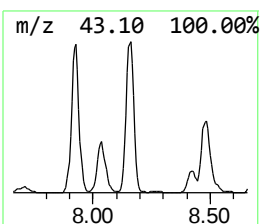
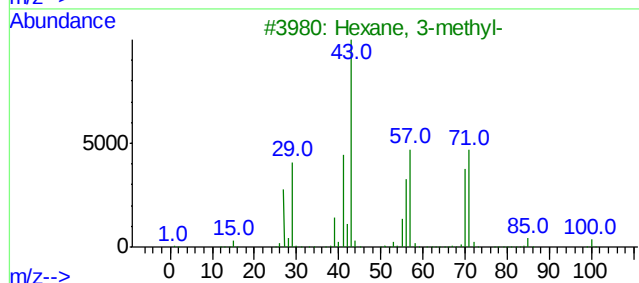
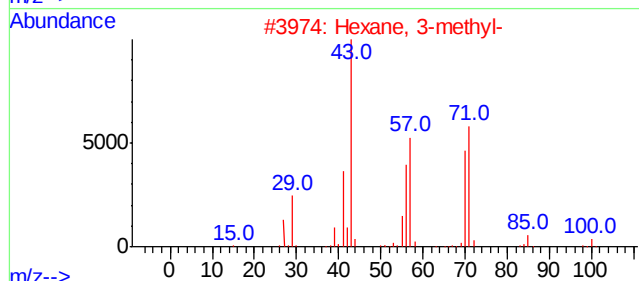
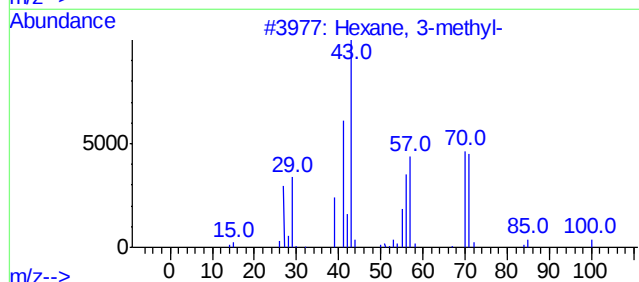
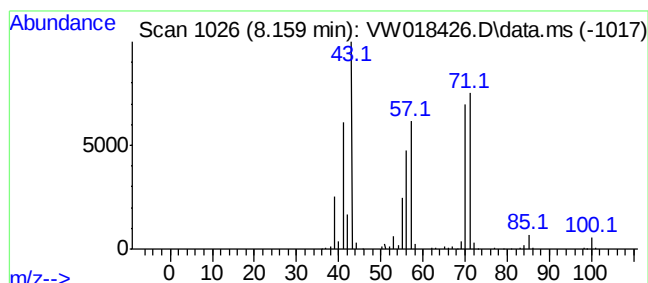
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.159	15.41 ug/L	774376	1,4-Difluorobenzene	8.841

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	96
2	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-		100	C7H16	000589-34-4	90
4	Heptane, 4-methyl-		114	C8H18	000589-53-7	50
5	Pentane, 3-ethyl-		100	C7H16	000617-78-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

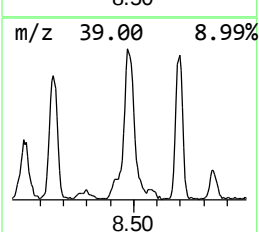
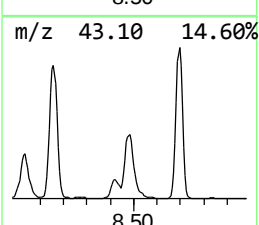
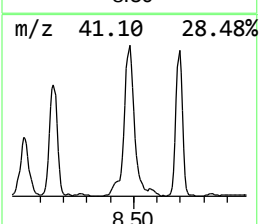
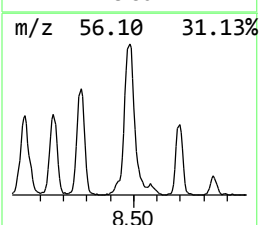
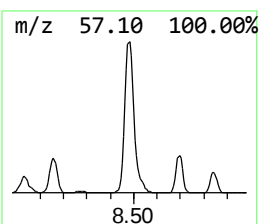
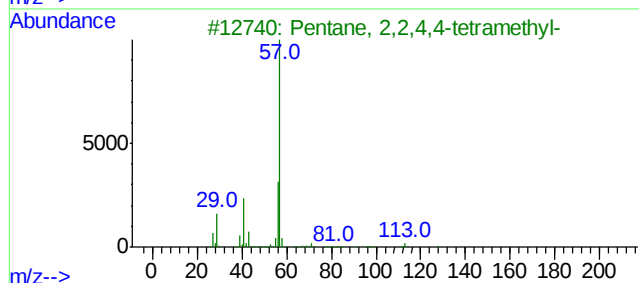
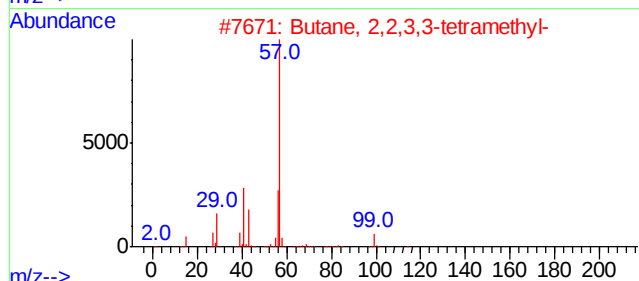
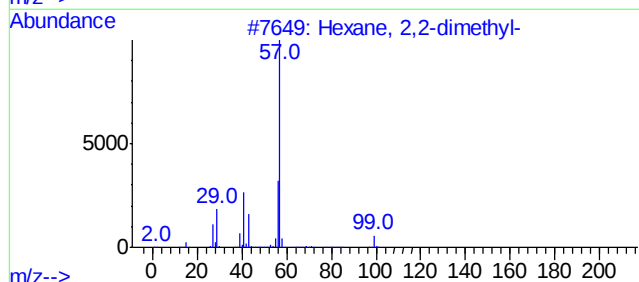
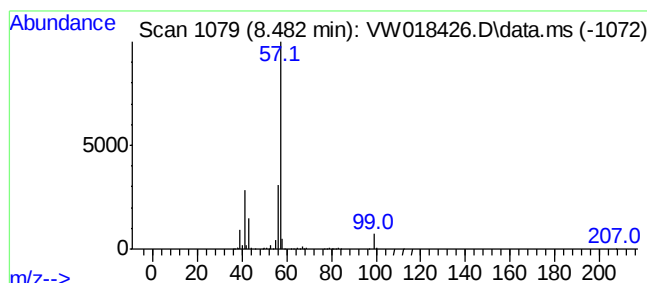
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	20.81 ug/L	1046070	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	72
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
5	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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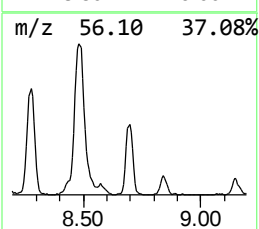
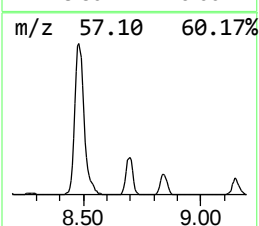
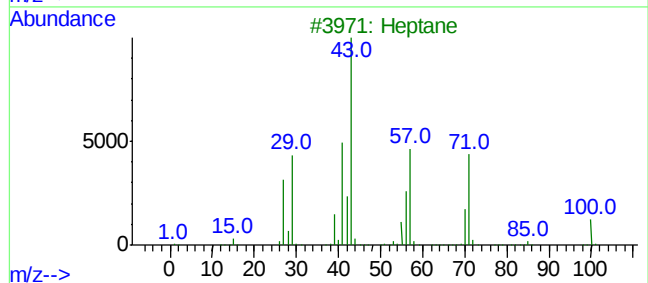
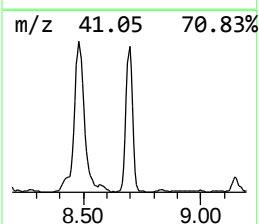
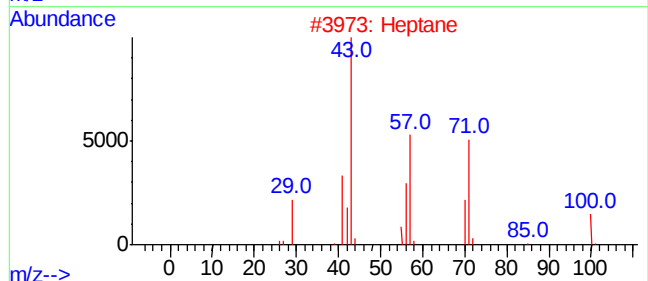
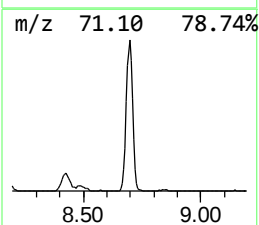
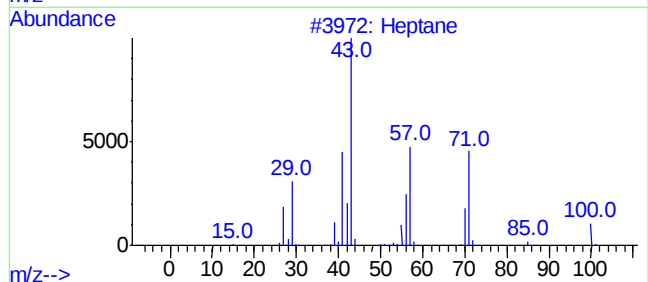
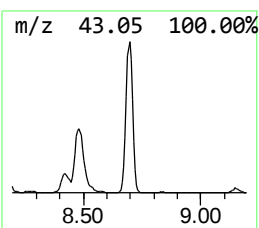
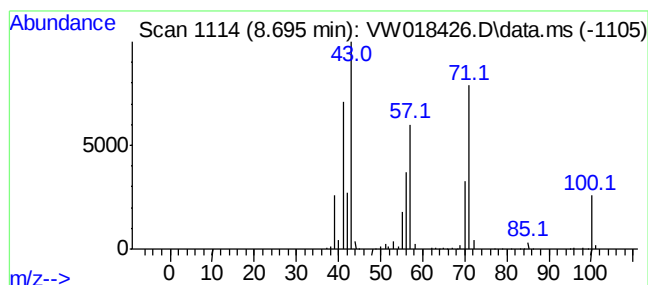
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.695	14.34 ug/L	720873	1,4-Difluorobenzene	8.841

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane		100	C7H16	000142-82-5	91
2	Heptane		100	C7H16	000142-82-5	72
3	Heptane		100	C7H16	000142-82-5	50
4	Heptane		100	C7H16	000142-82-5	50
5	Butane, 2,2-dimethyl-		86	C6H14	000075-83-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4F2

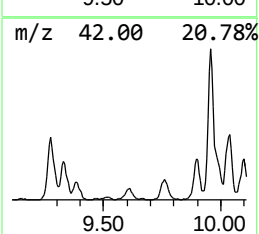
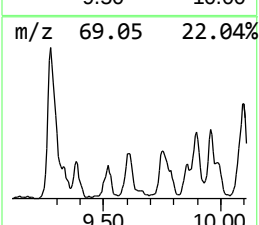
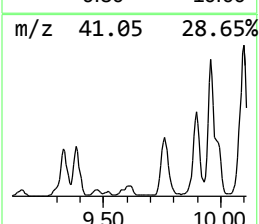
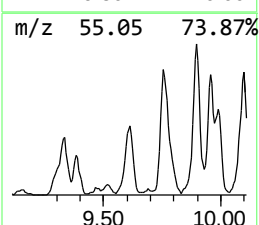
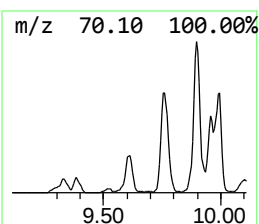
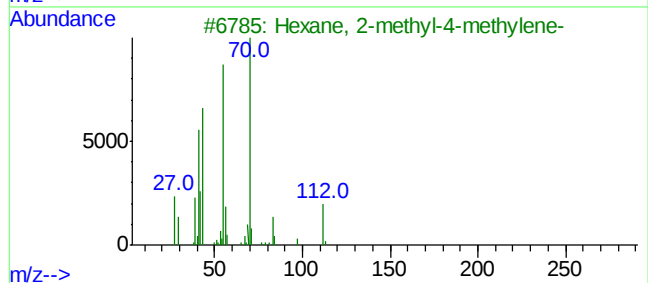
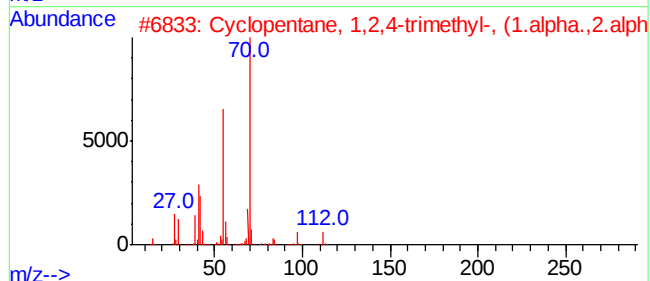
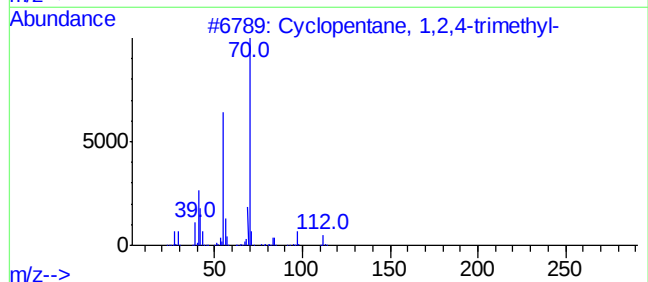
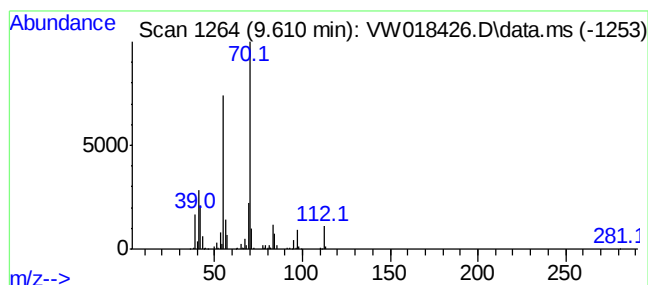
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic9.610 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	5.95 ug/L	299047	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	87
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	80
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

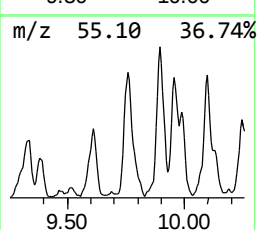
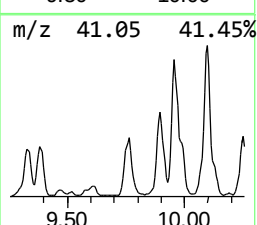
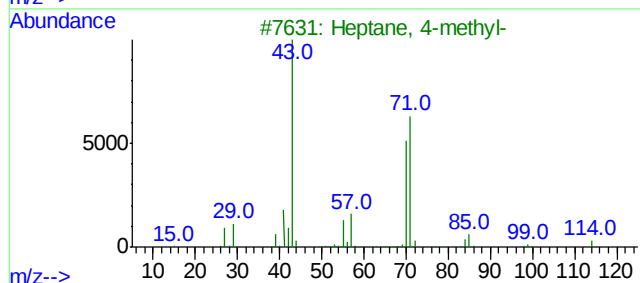
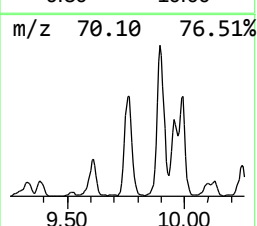
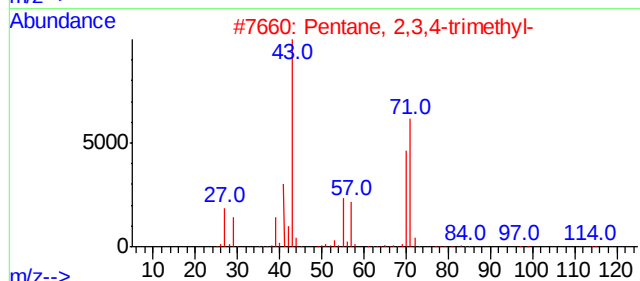
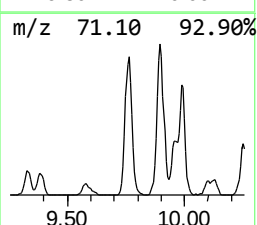
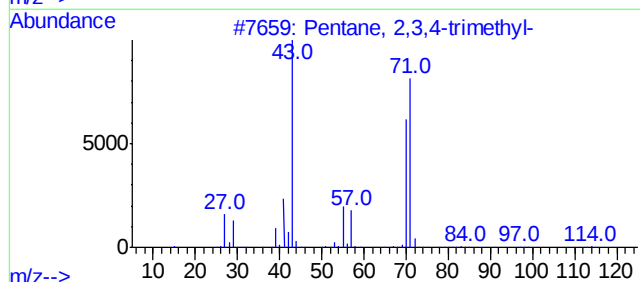
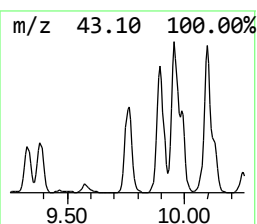
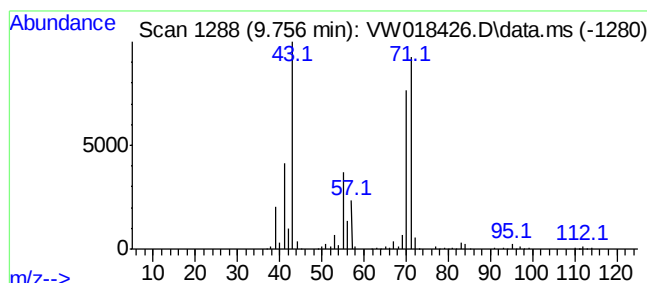
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	21.33 ug/L	1071990	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

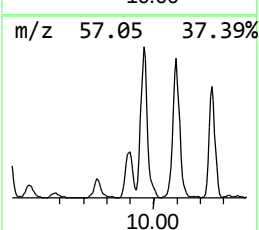
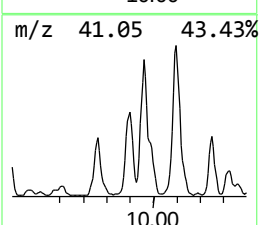
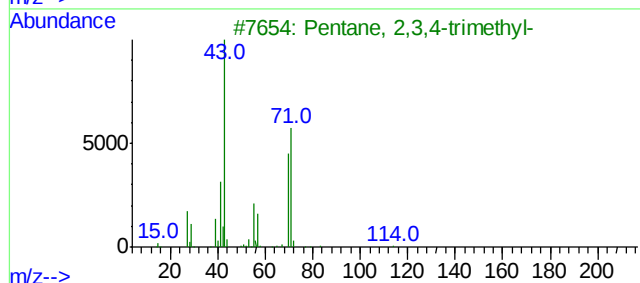
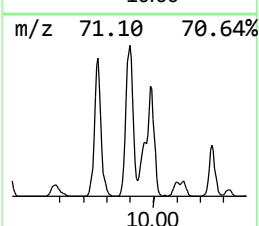
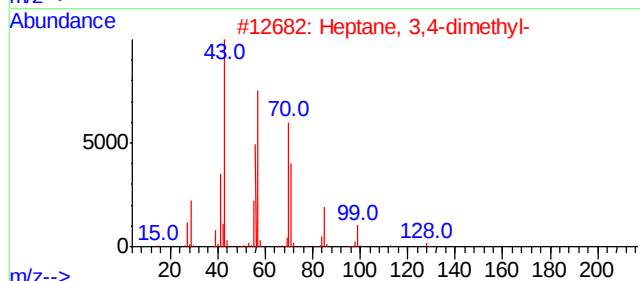
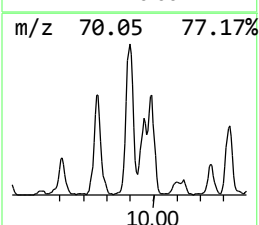
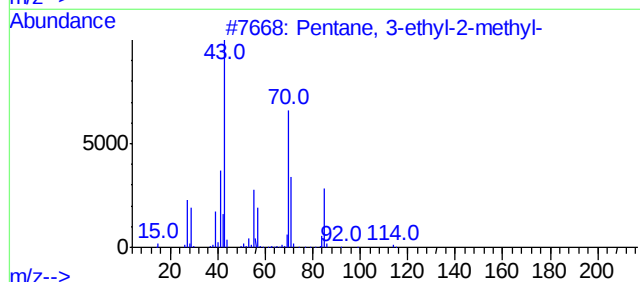
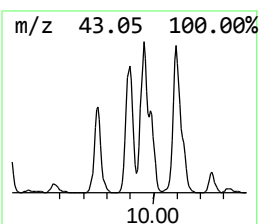
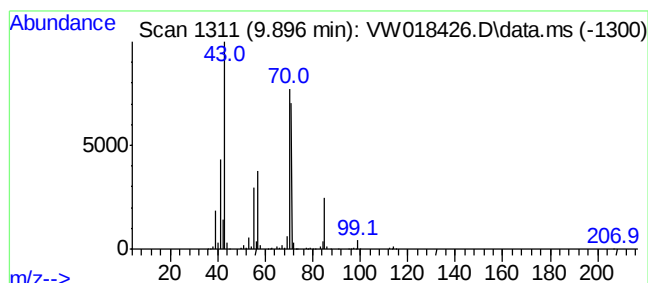
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	30.06 ug/L	1511200	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	81
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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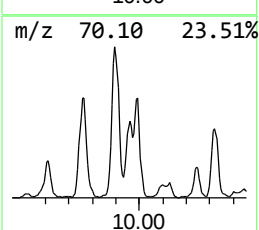
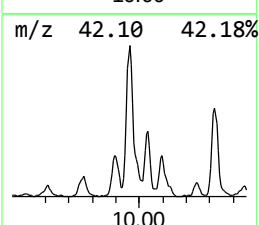
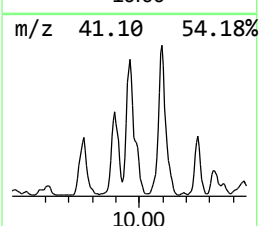
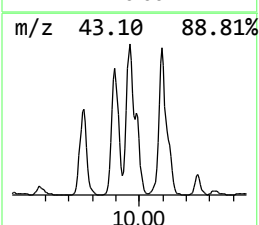
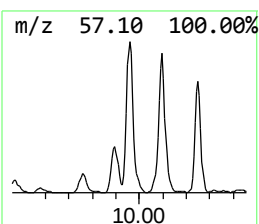
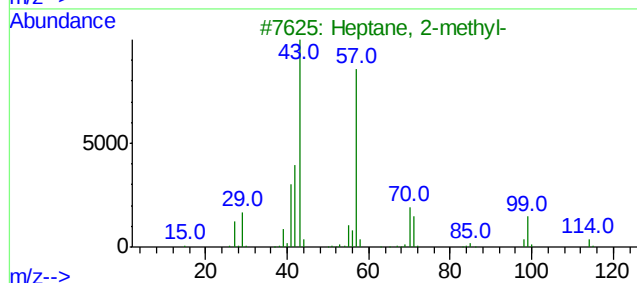
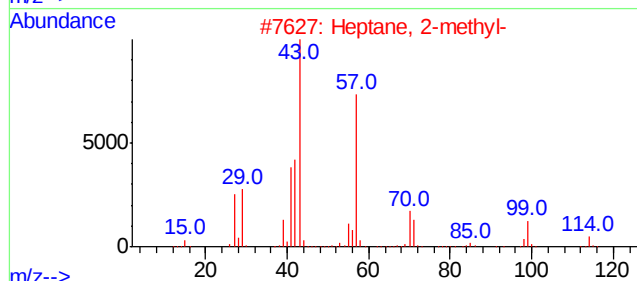
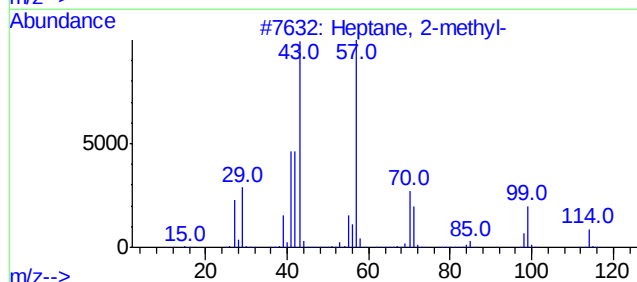
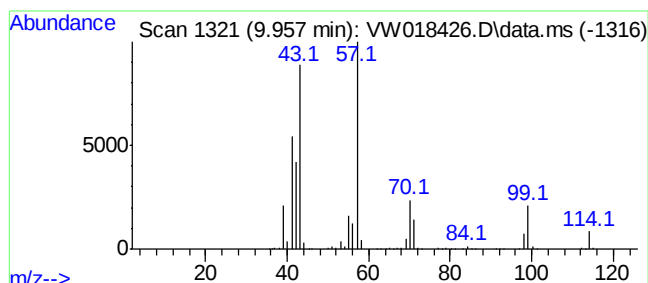
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	28.45 ug/L	1430110	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	87
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	74
4	2-Piperidinone	99	C5H9NO	000675-20-7	59
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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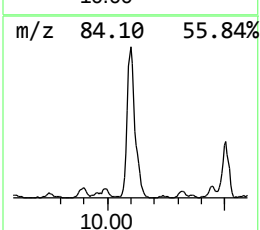
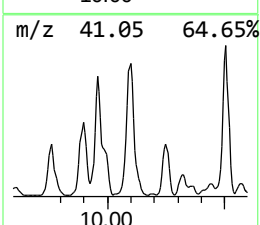
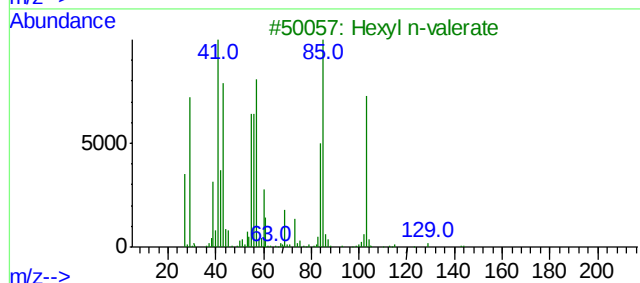
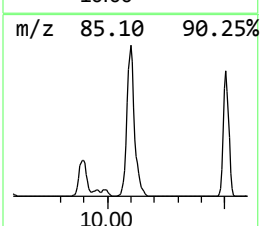
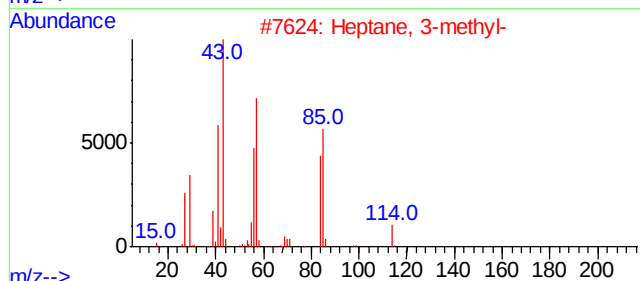
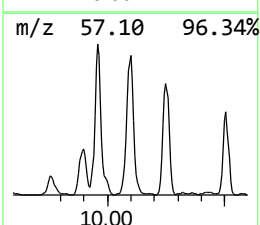
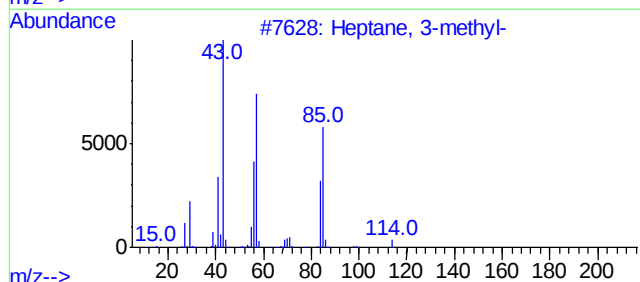
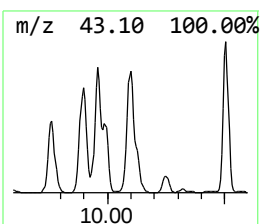
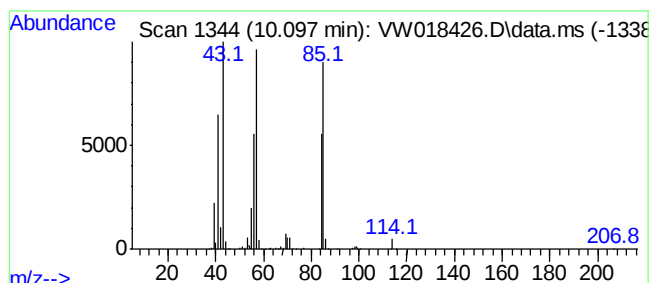
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.097	45.82 ug/L	2303250	1,4-Difluorobenzene	8.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	74
3	Hexyl n-valerate	186	C11H22O2	001117-59-5	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

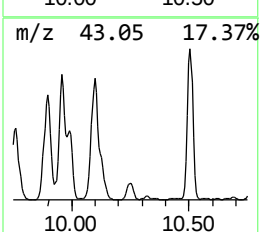
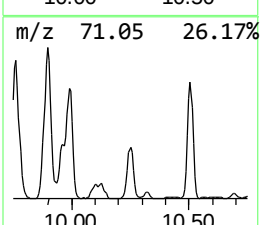
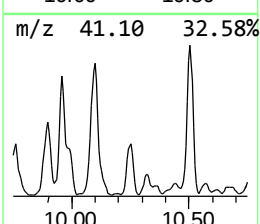
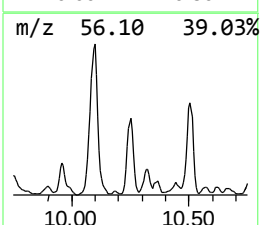
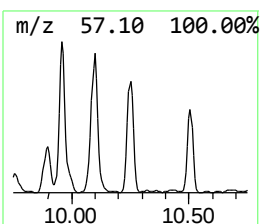
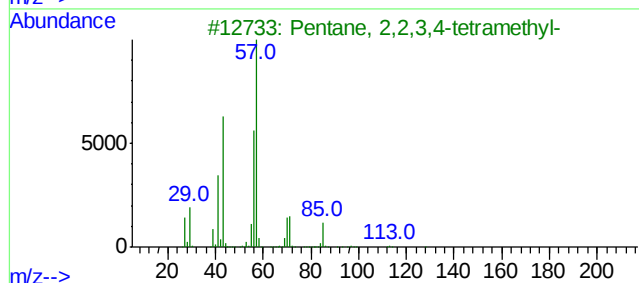
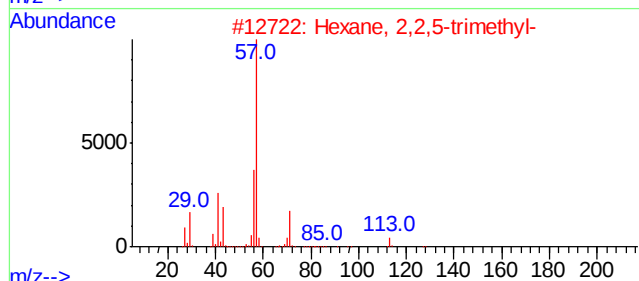
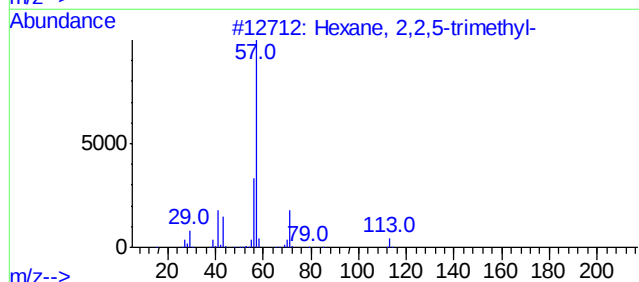
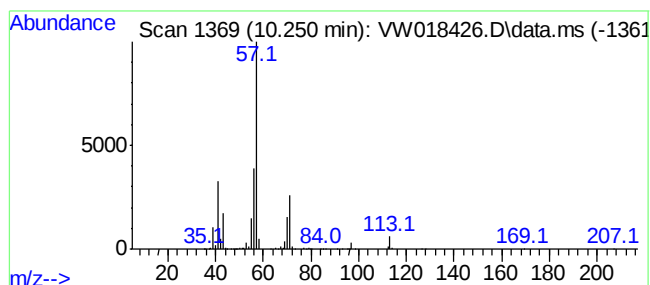
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.250	10.10 ug/L	741710	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-			128	C9H20	003522-94-9	72
2	Hexane, 2,2,5-trimethyl-			128	C9H20	003522-94-9	64
3	Pentane, 2,2,3,4-tetramethyl-			128	C9H20	001186-53-4	59
4	Heptane, 2,2-dimethyl-			128	C9H20	001071-26-7	59
5	Hexane, 2,2,5,5-tetramethyl-			142	C10H22	001071-81-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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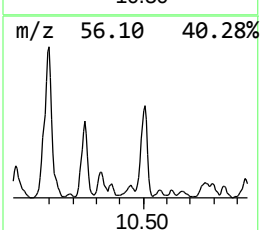
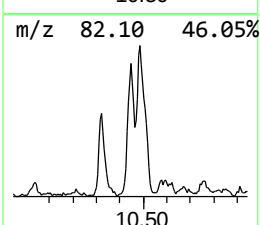
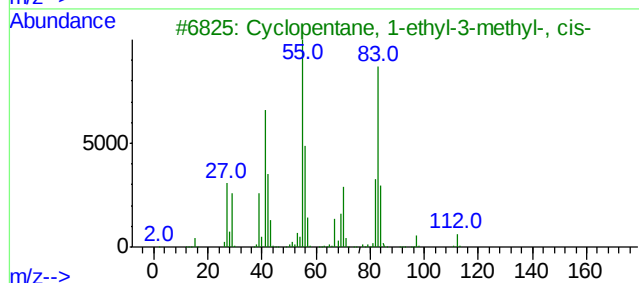
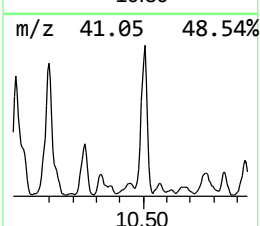
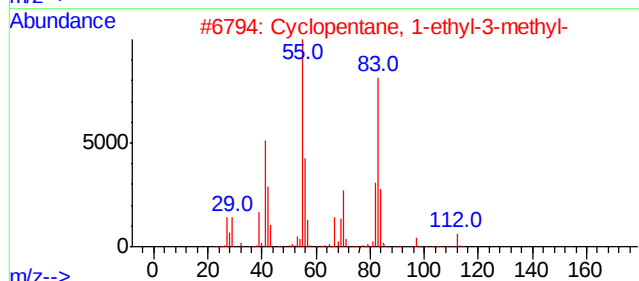
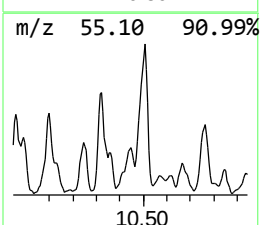
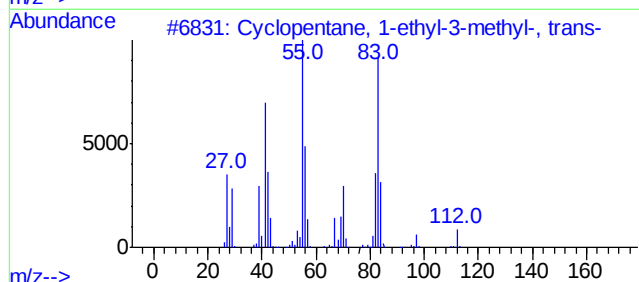
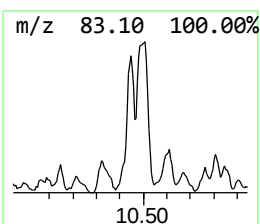
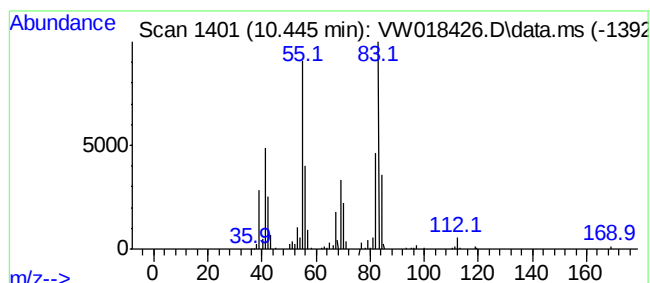
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic10.445 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	3.43 ug/L	251638	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	83
2			Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	74
3			Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	58
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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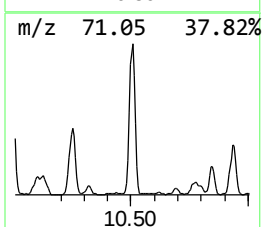
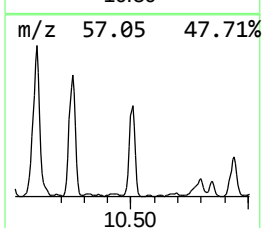
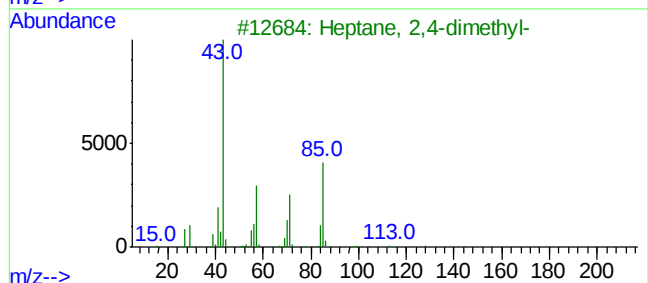
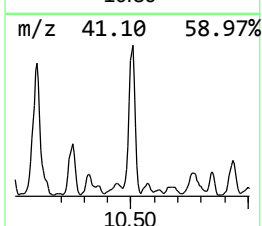
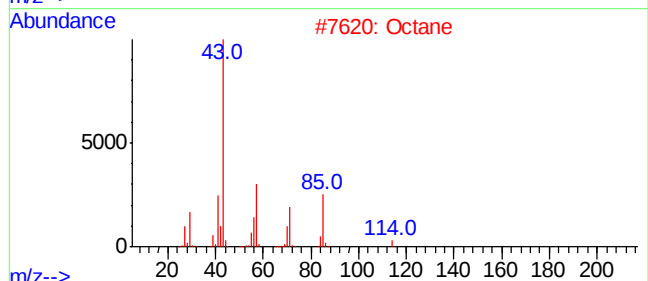
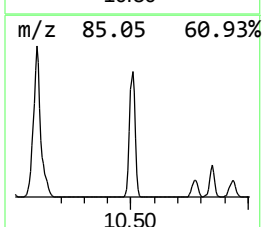
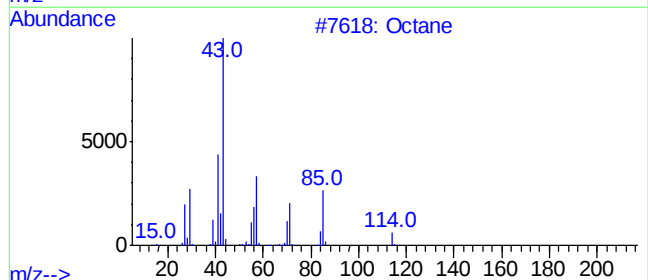
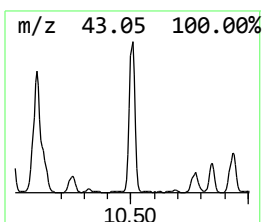
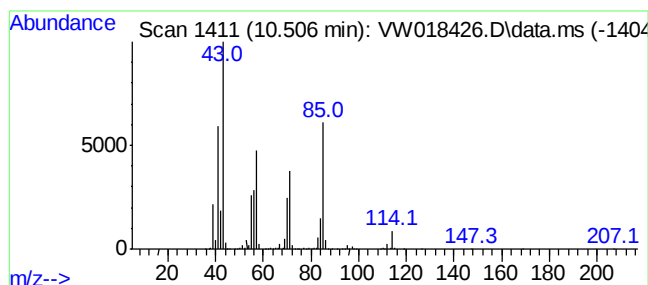
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.506	27.08 ug/L	1989410	Chlorobenzene-d5	11.628

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane		114	C8H18	000111-65-9	91
2	Octane		114	C8H18	000111-65-9	91
3	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	72
4	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	59
5	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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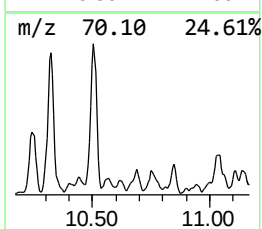
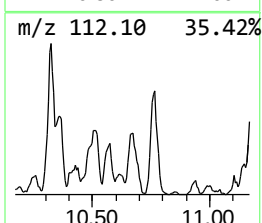
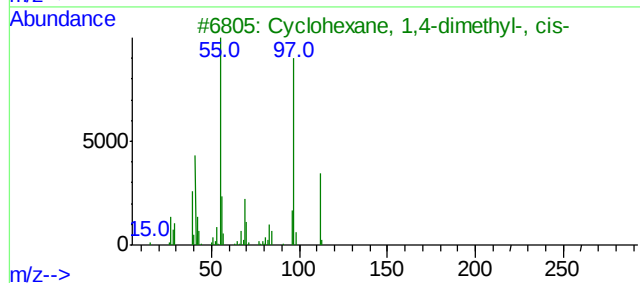
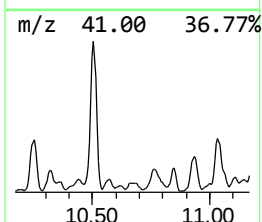
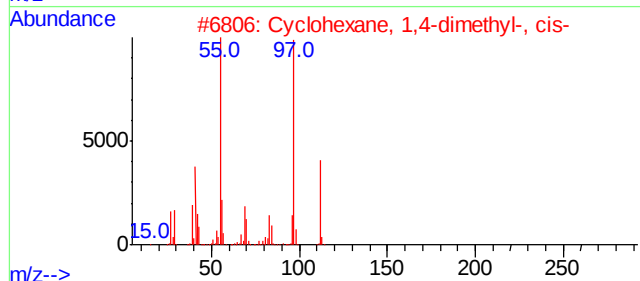
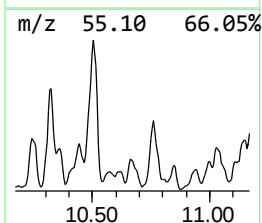
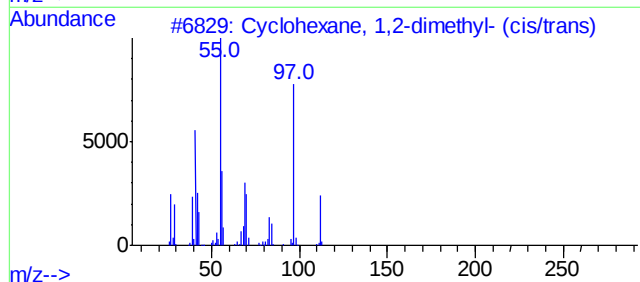
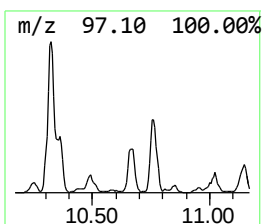
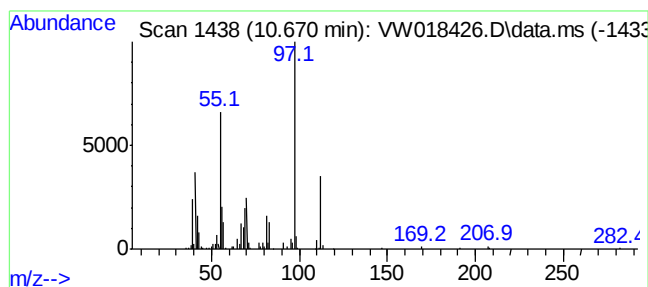
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic10.671 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.671	1.79 ug/L	131431	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane,	1,2-dimethyl-	(cis/...	112	C8H16	000583-57-3	78
2	Cyclohexane,	1,4-dimethyl-,	cis-	112	C8H16	000624-29-3	72
3	Cyclohexane,	1,4-dimethyl-,	cis-	112	C8H16	000624-29-3	72
4	Cyclohexane,	1,2-dimethyl-,	trans-	112	C8H16	006876-23-9	72
5	Cyclohexane,	1,2-dimethyl-,	cis-	112	C8H16	002207-01-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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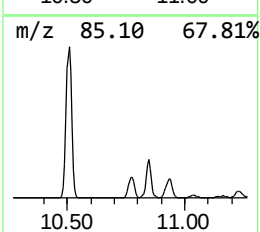
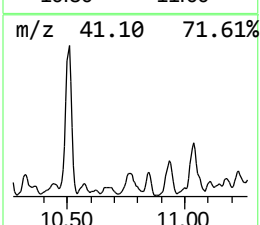
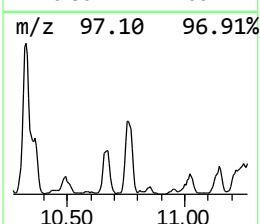
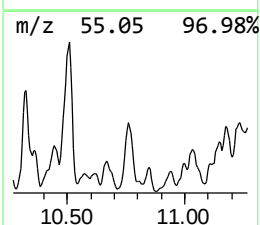
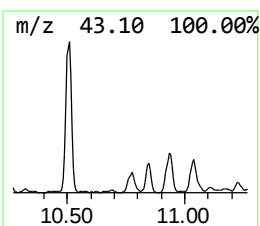
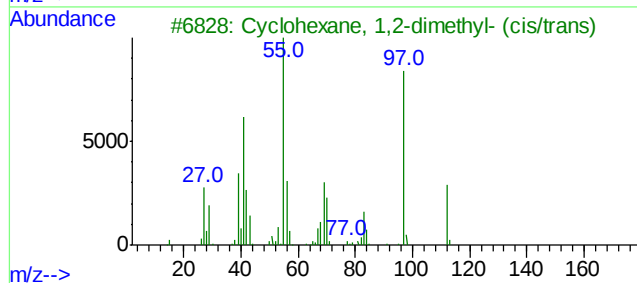
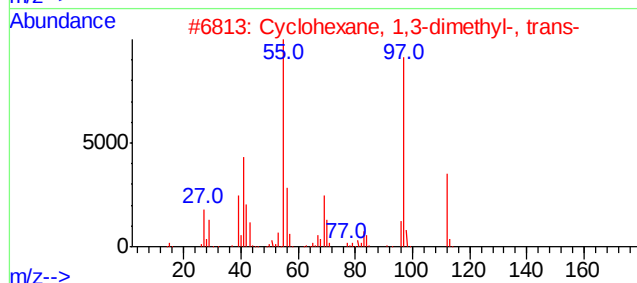
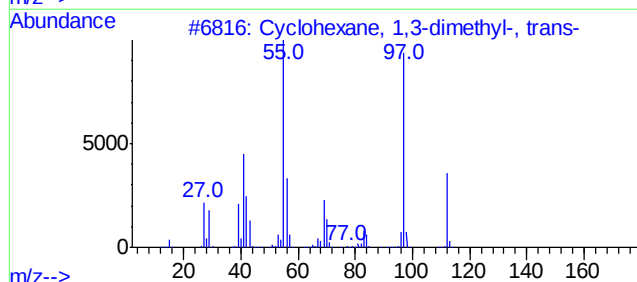
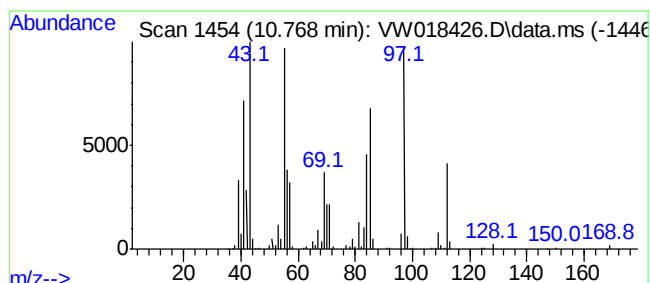
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic10.768 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.768	7.46 ug/L	547982	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
2			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
3			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	58
4			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	52
5			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

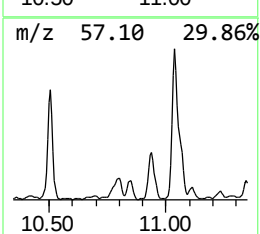
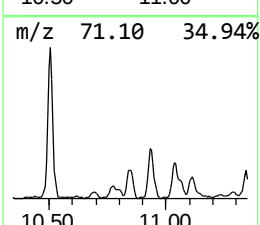
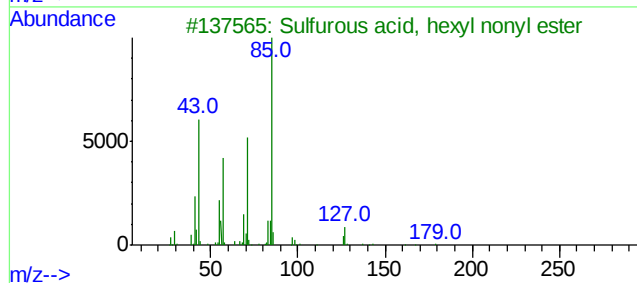
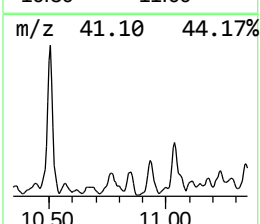
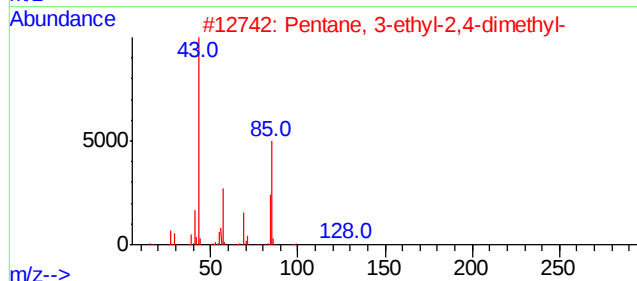
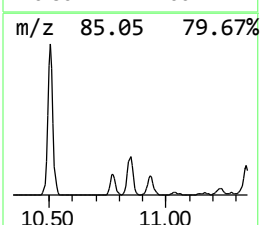
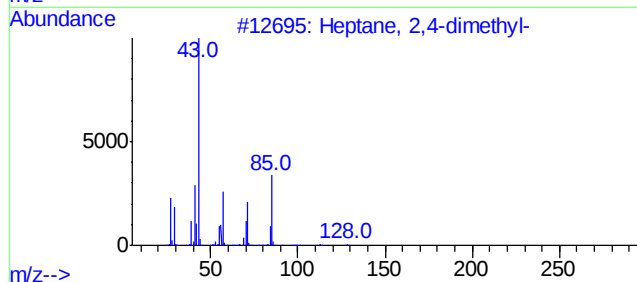
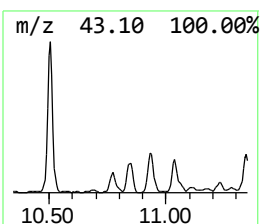
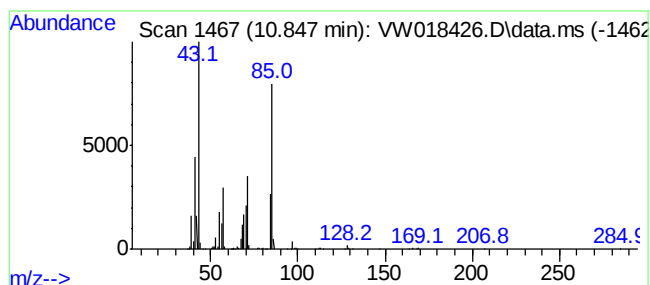
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.847	5.44 ug/L	399354	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	59
3	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	59
4	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	59
5	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

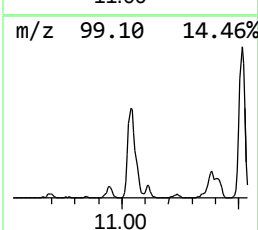
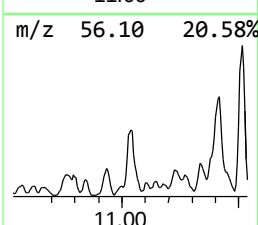
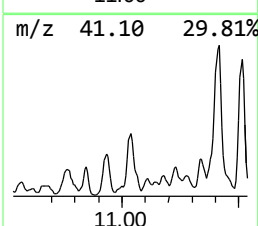
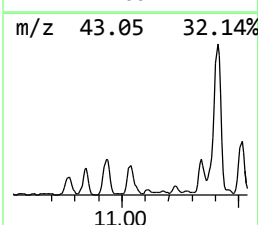
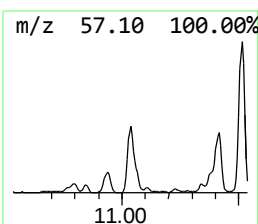
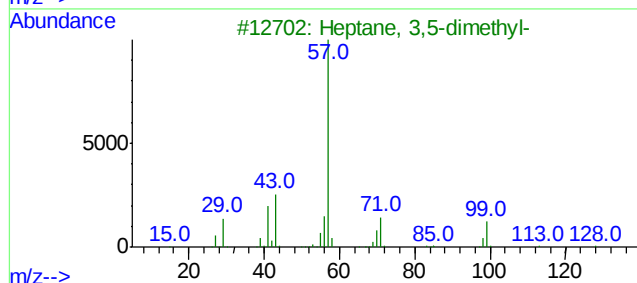
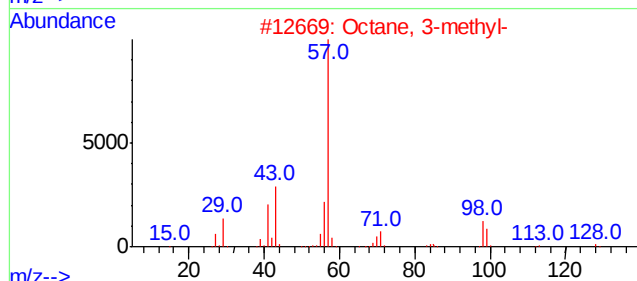
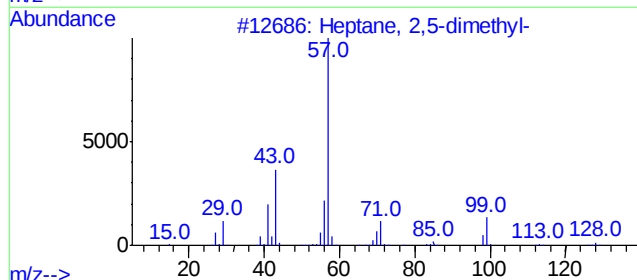
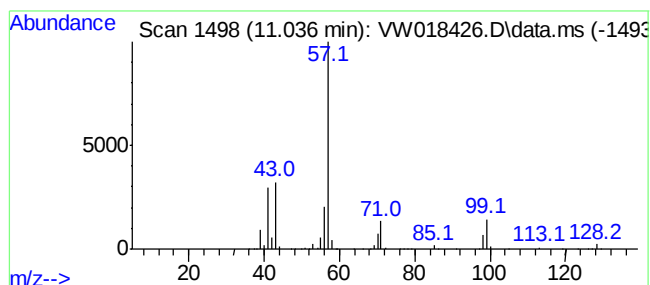
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.036	10.83 ug/L	795511	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	90
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	87
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

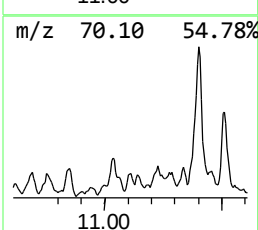
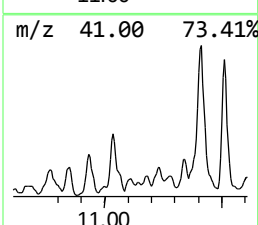
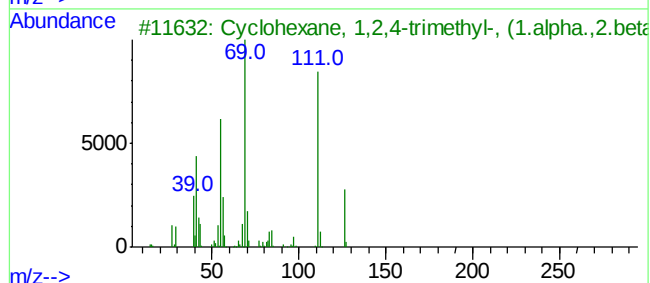
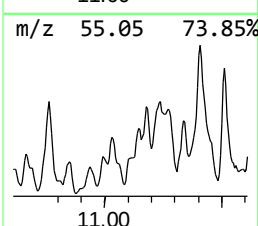
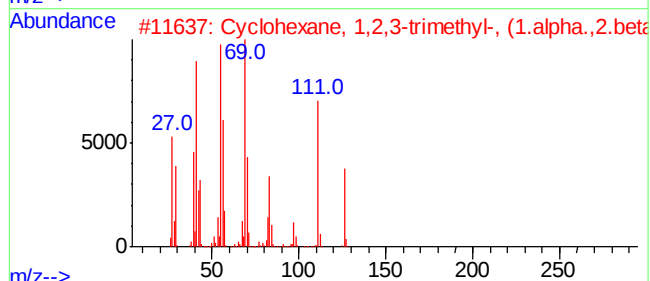
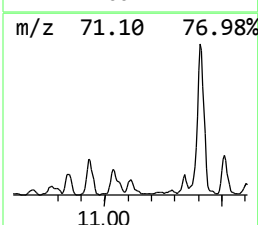
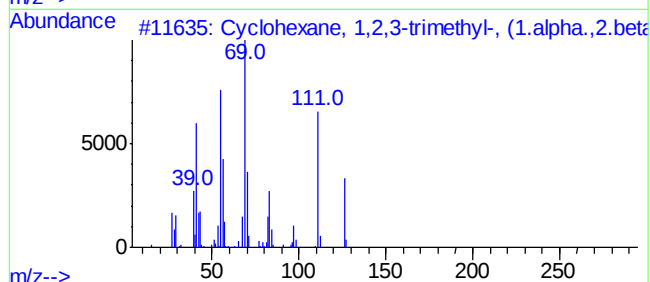
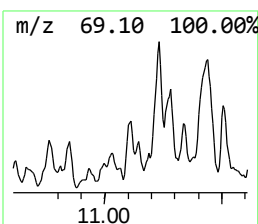
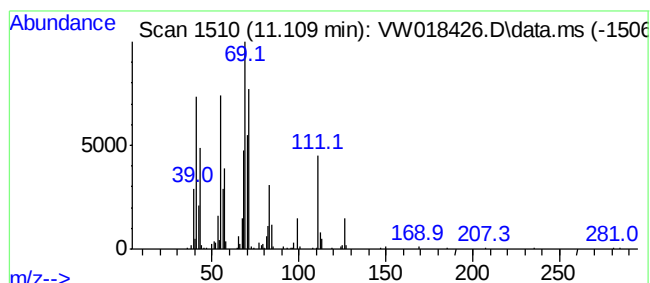
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic11.109 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.109	2.36 ug/L	173136	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	49
2			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	46
3			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	46
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	41
5			1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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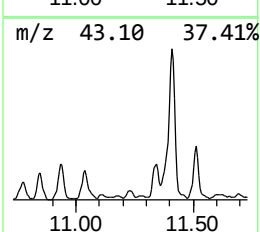
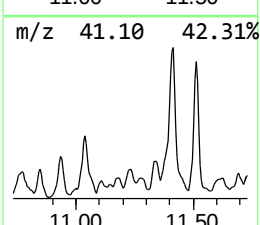
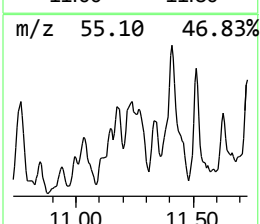
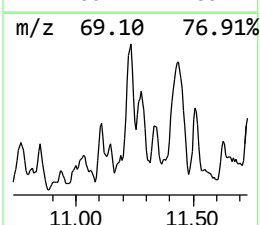
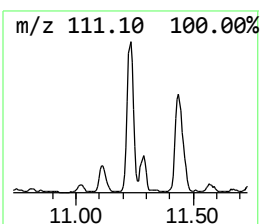
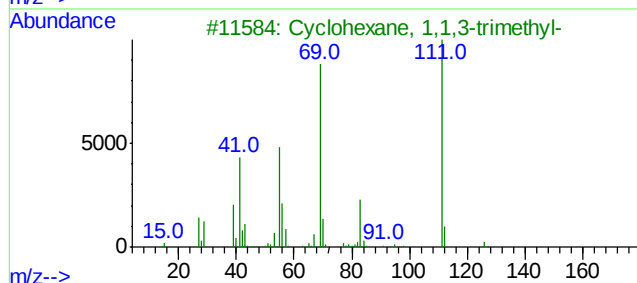
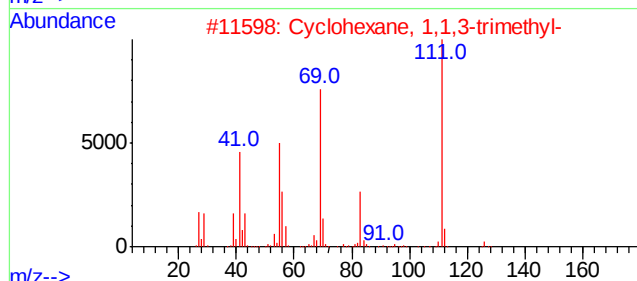
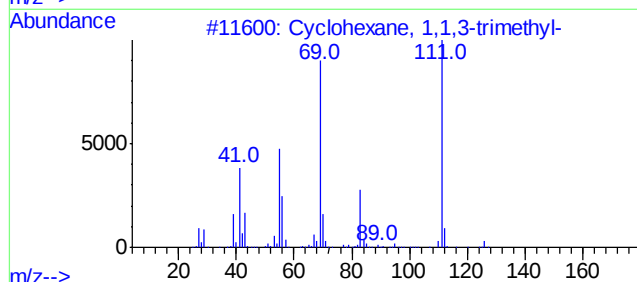
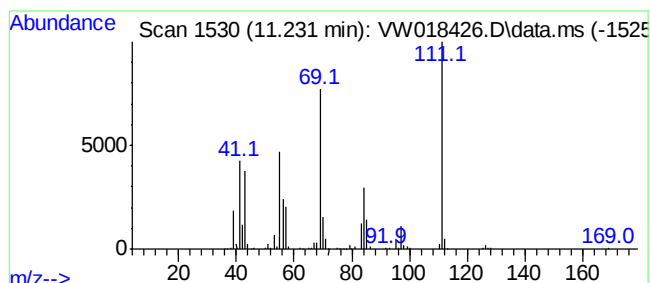
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic11.231 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.231	4.15 ug/L	305062	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
4			Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	50
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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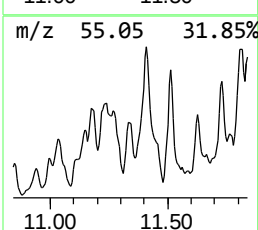
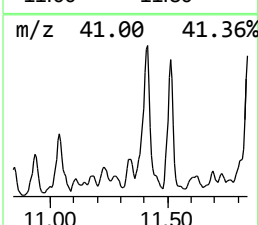
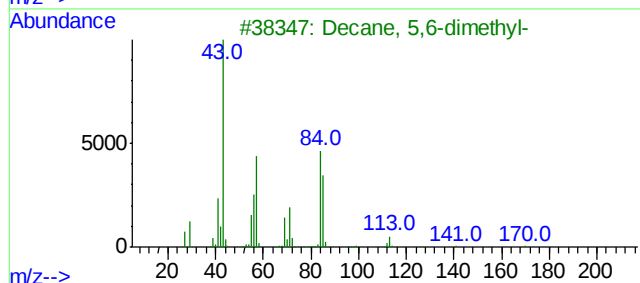
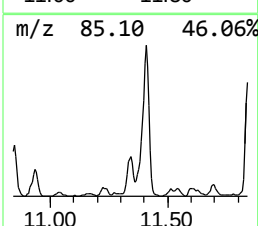
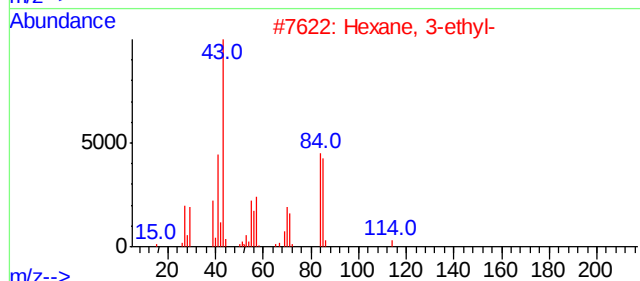
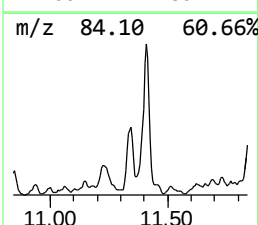
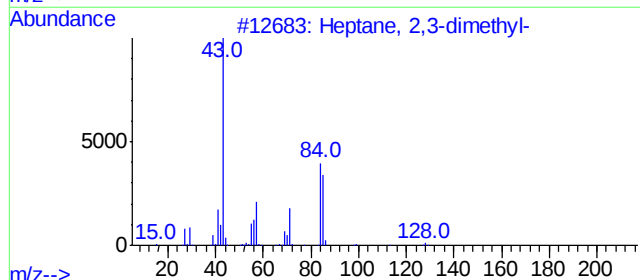
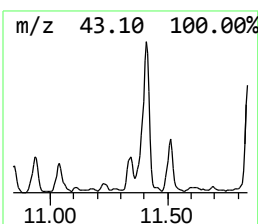
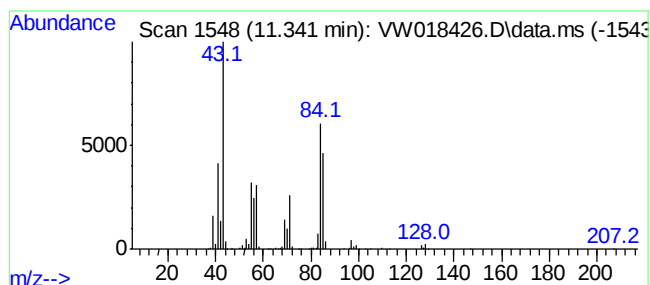
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.341	5.28 ug/L	387629	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	78
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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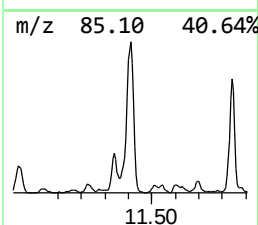
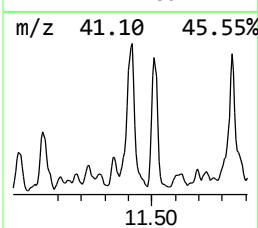
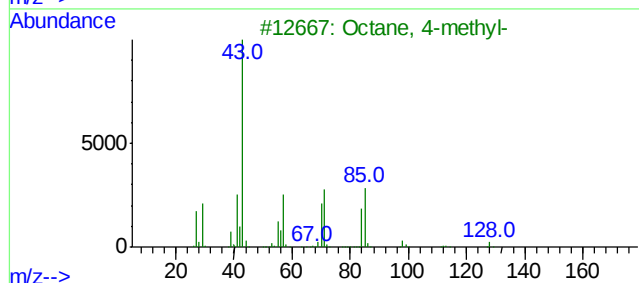
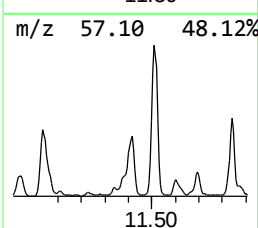
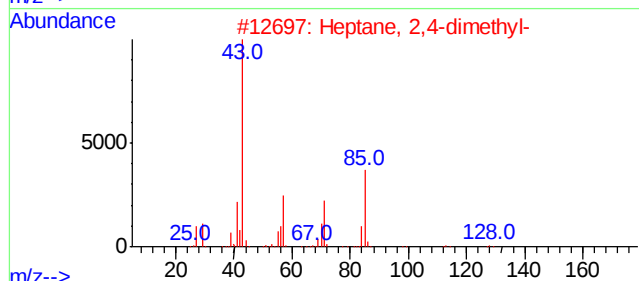
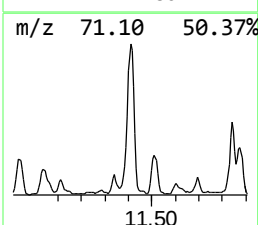
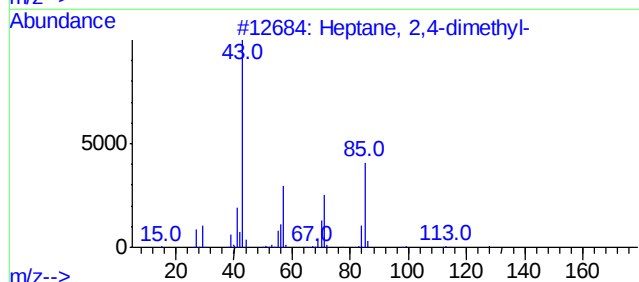
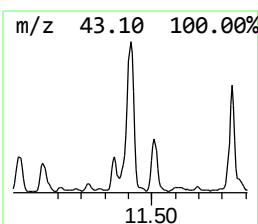
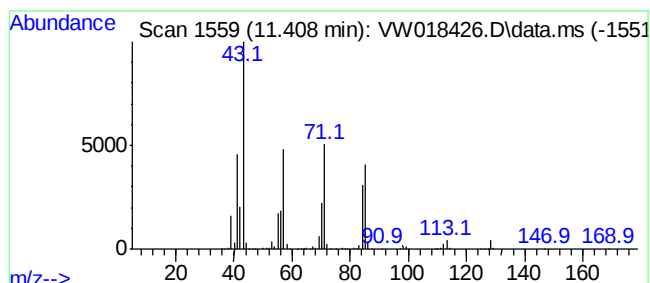
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	35.62 ug/L	2616180	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	64
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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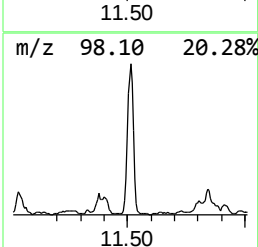
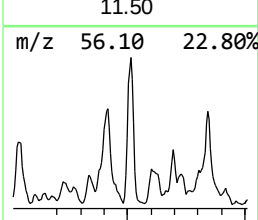
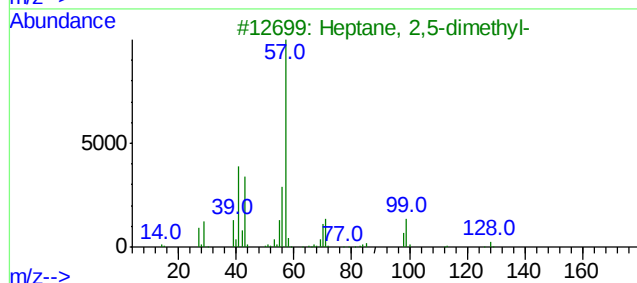
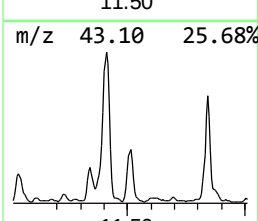
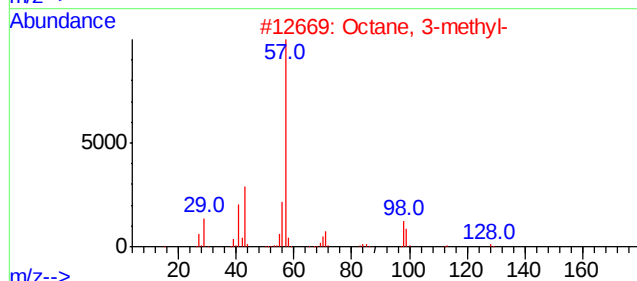
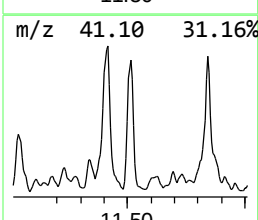
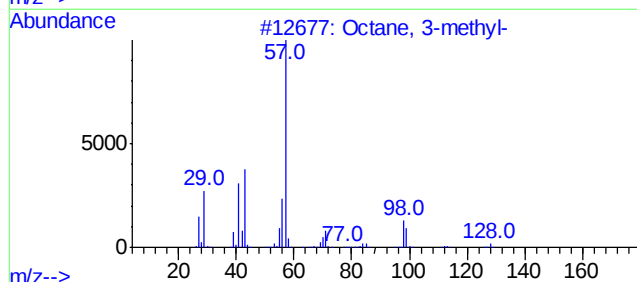
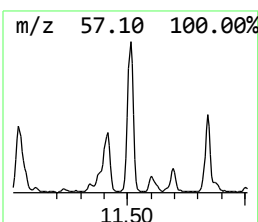
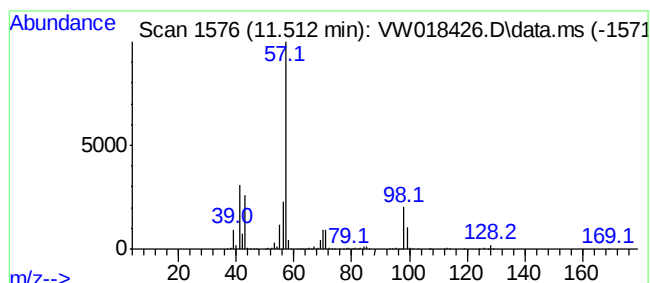
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	20.49 ug/L	1505010	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	72
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	68
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

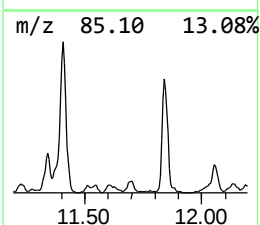
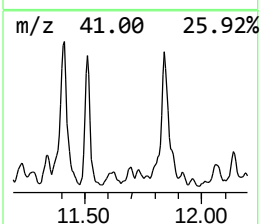
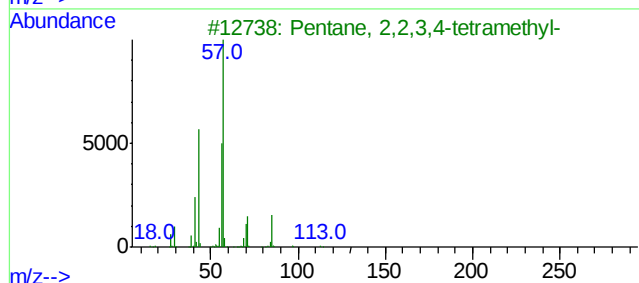
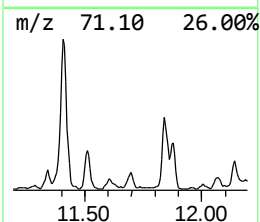
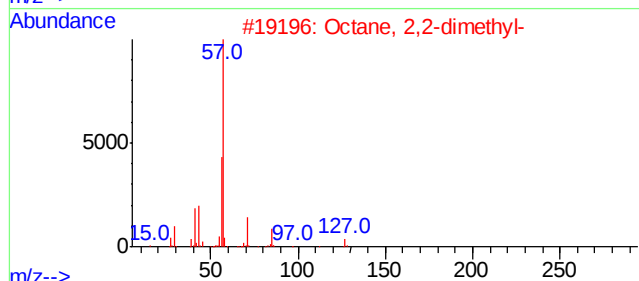
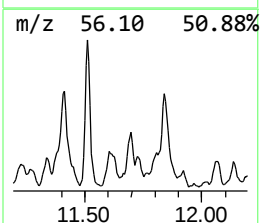
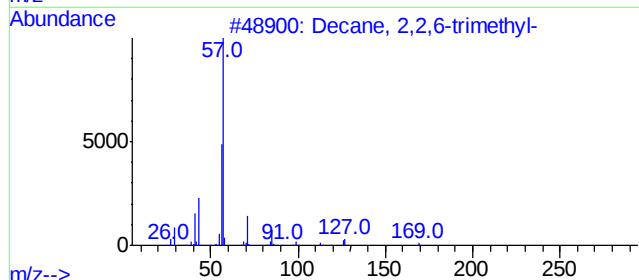
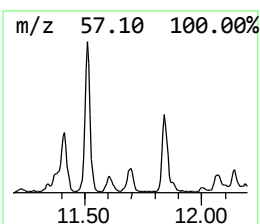
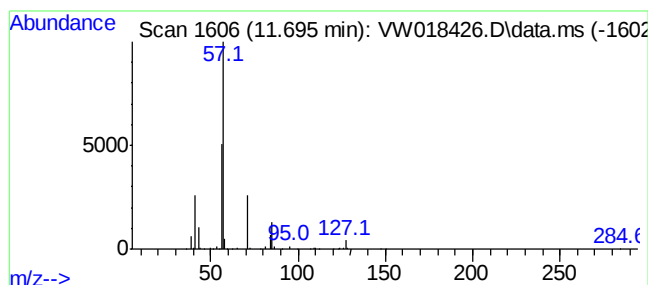
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.695	1.73 ug/L	126898	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	78
2	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	72
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	72
4	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	56
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

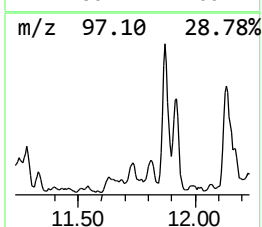
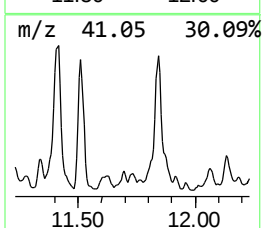
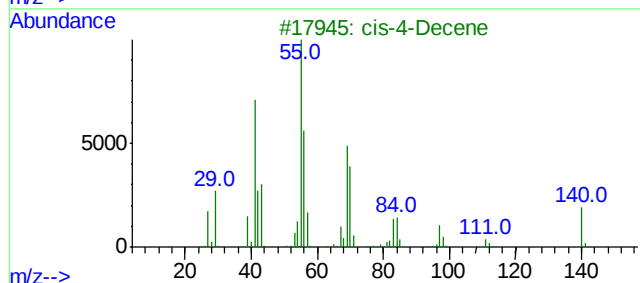
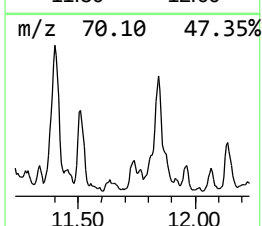
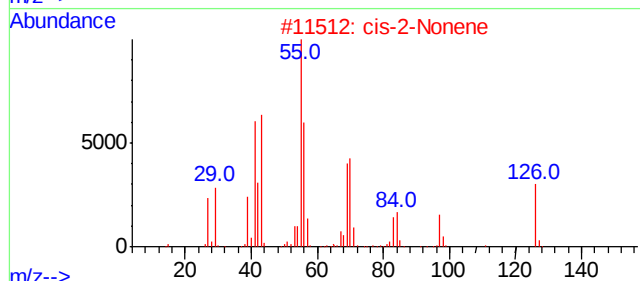
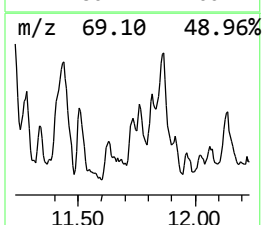
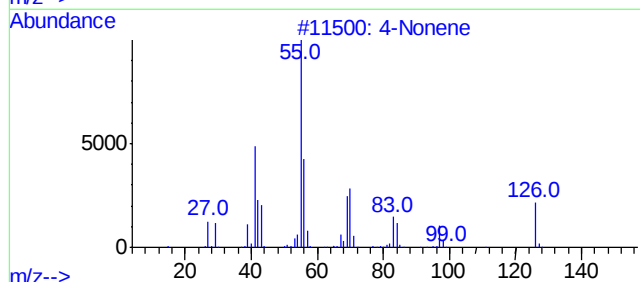
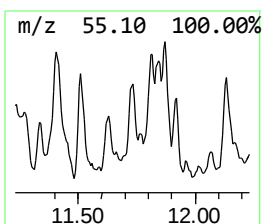
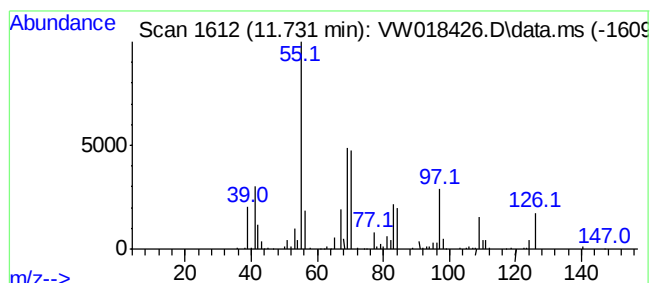
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Quant Title : VOC Analysis

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.731	1.56 ug/L	114834	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Nonene	126	C9H18	002198-23-4	59
2			cis-2-Nonene	126	C9H18	006434-77-1	59
3			cis-4-Decene	140	C10H20	019398-88-0	53
4			3-Nonene	126	C9H18	020063-77-8	53
5			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

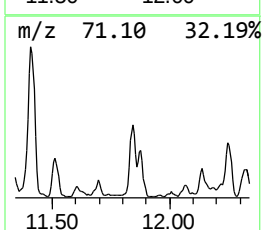
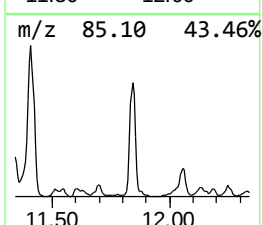
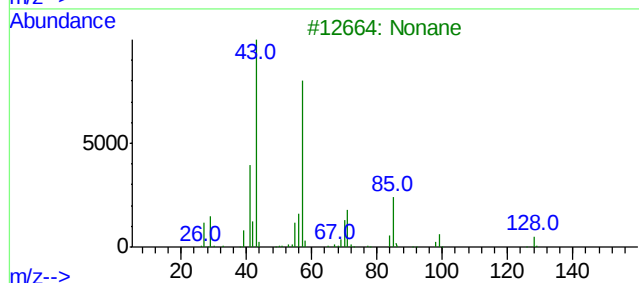
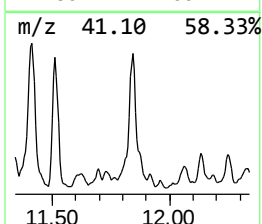
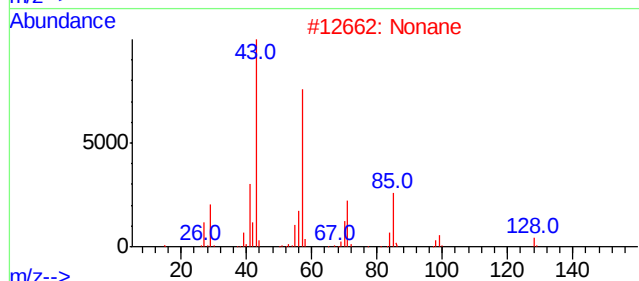
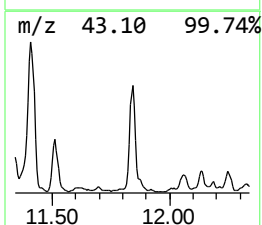
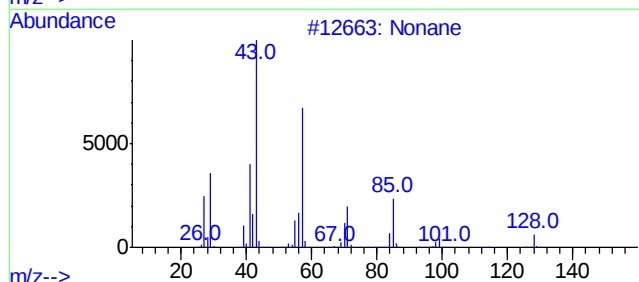
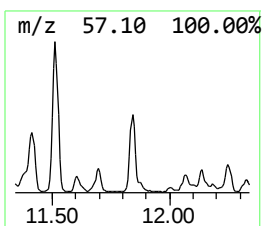
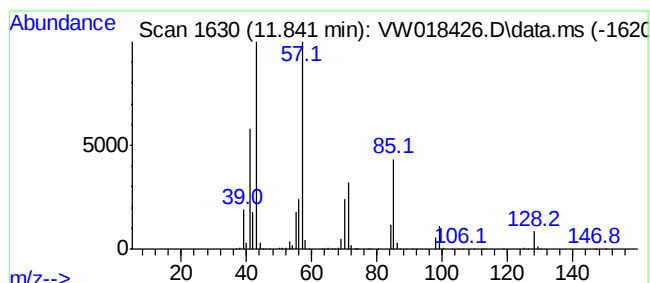
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	23.00 ug/L	1689190	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	94
2	Nonane			128	C9H20	000111-84-2	81
3	Nonane			128	C9H20	000111-84-2	81
4	Sulfurous acid, hexyl pentadecyl...			376	C21H44O3S	1000309-13-7	64
5	4,4-Dimethyl octane			142	C10H22	015869-95-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

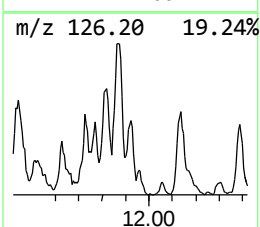
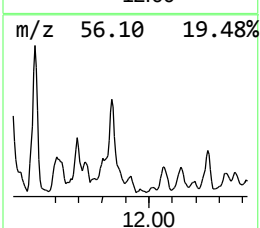
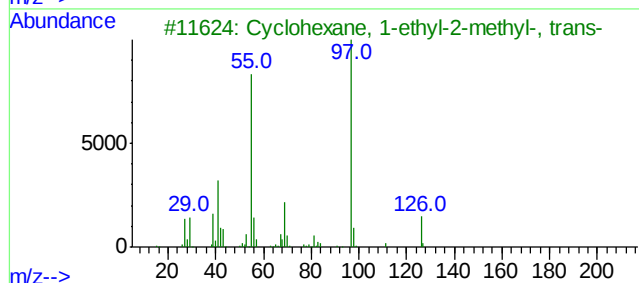
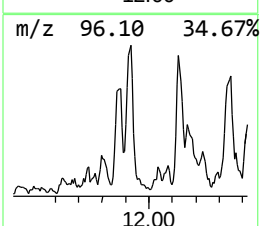
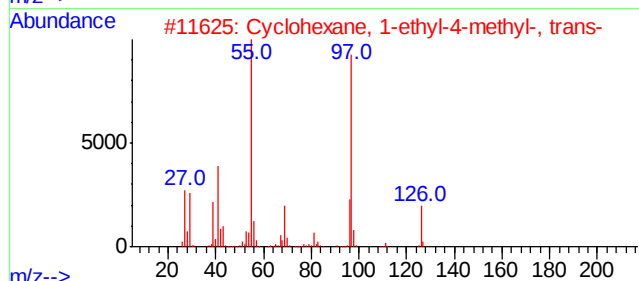
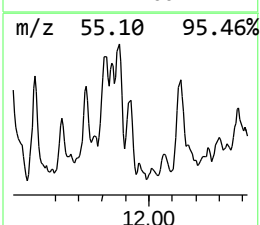
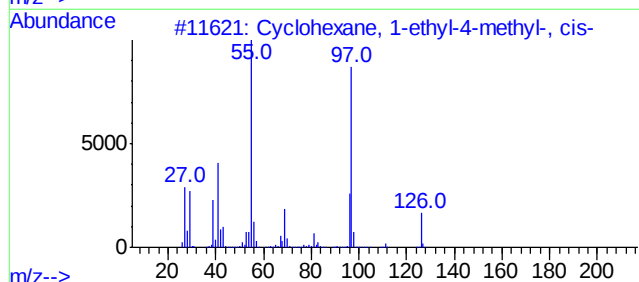
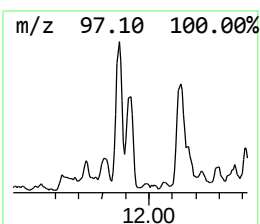
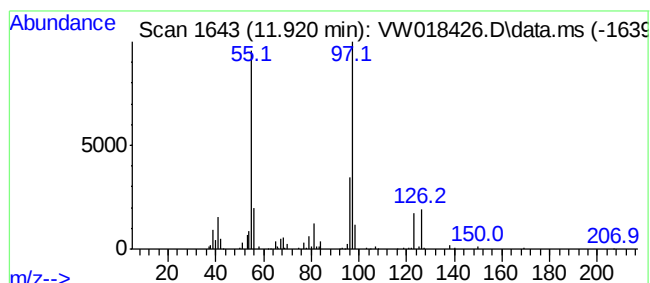
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Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Cyclic11.920 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.920	2.87 ug/L	210731	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

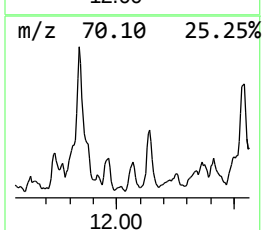
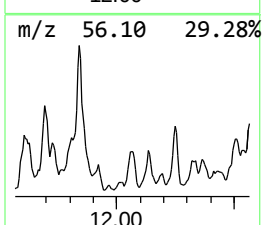
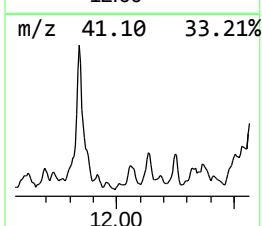
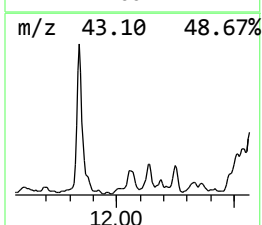
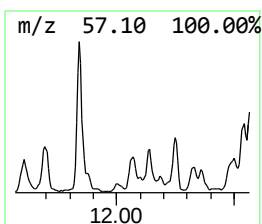
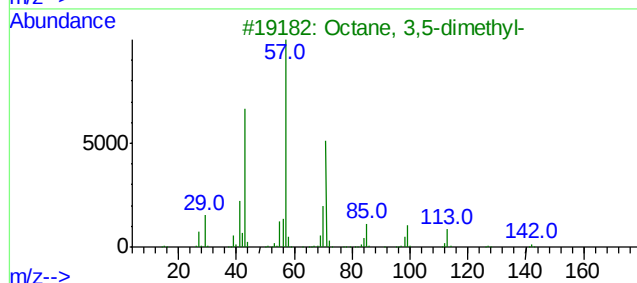
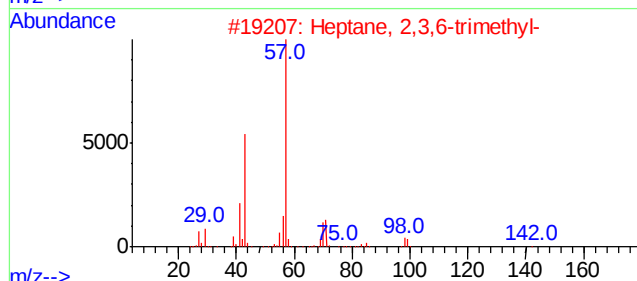
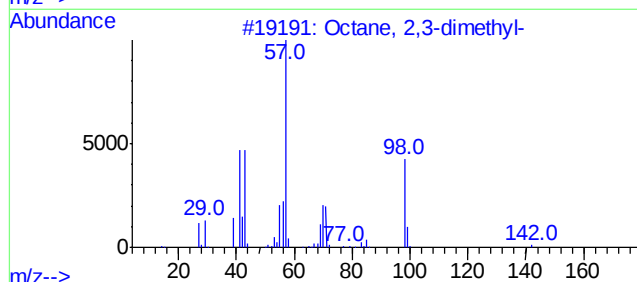
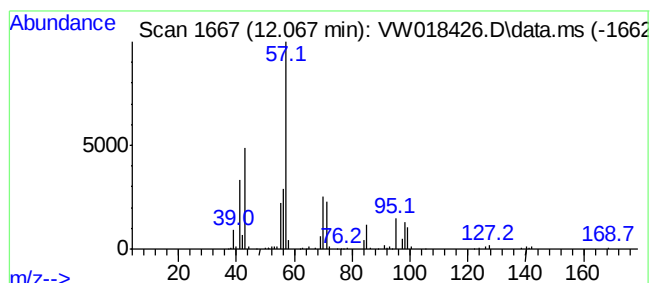
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.067	3.43 ug/L	251771	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	62
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	50
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47
5	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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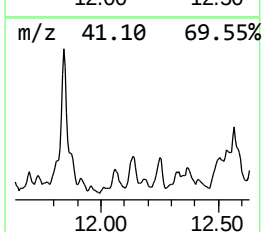
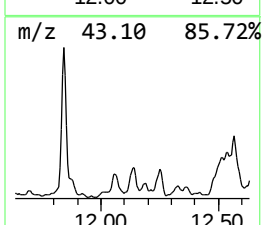
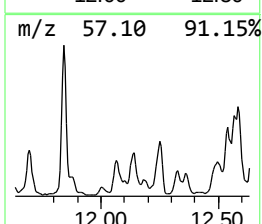
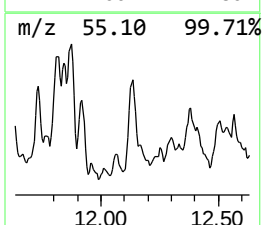
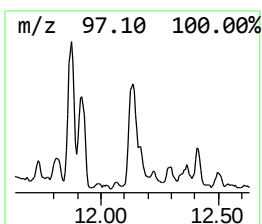
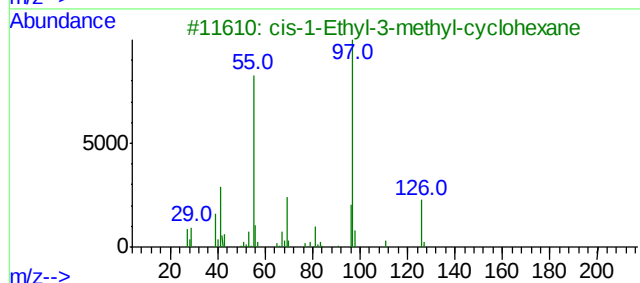
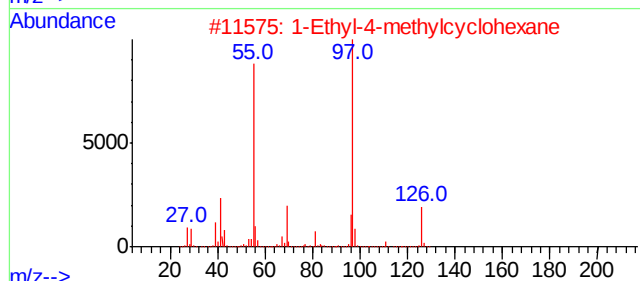
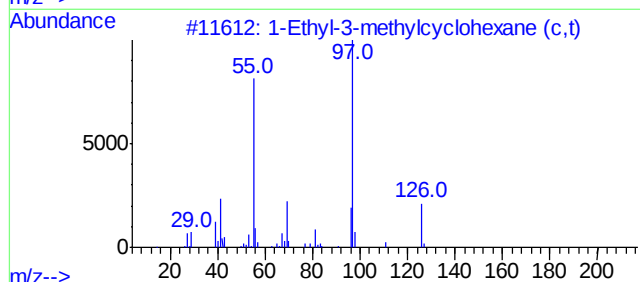
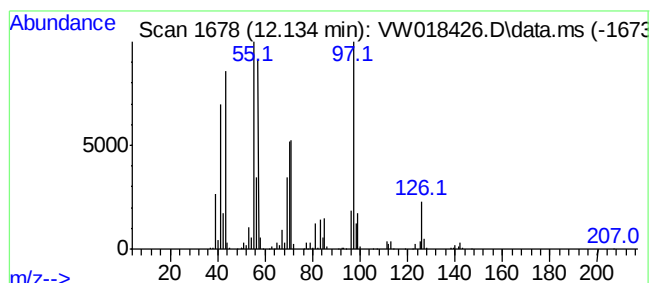
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	7.34 ug/L	539198	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	45
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	45
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	45
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

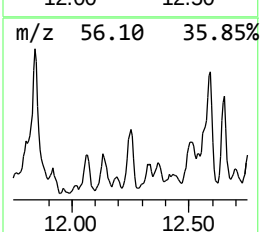
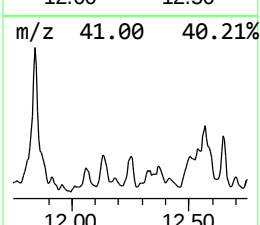
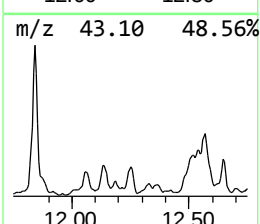
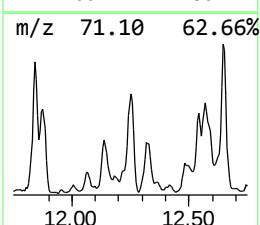
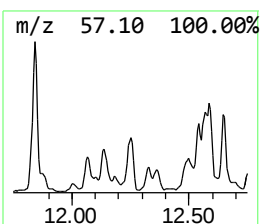
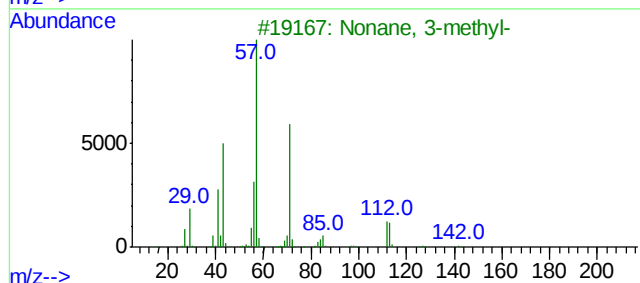
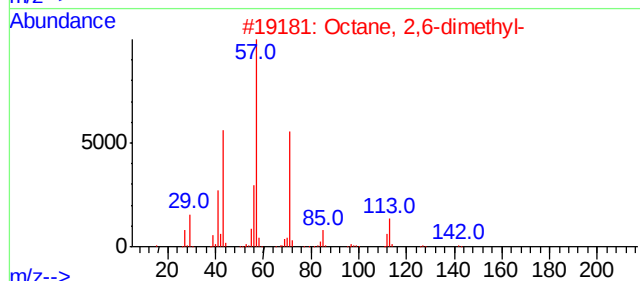
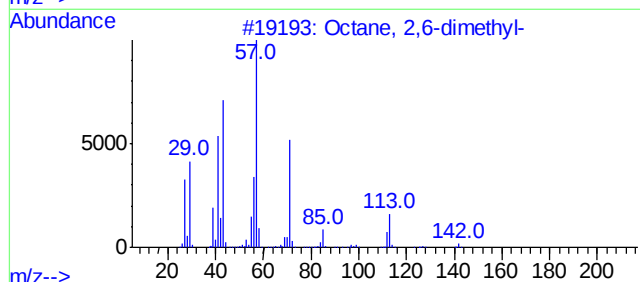
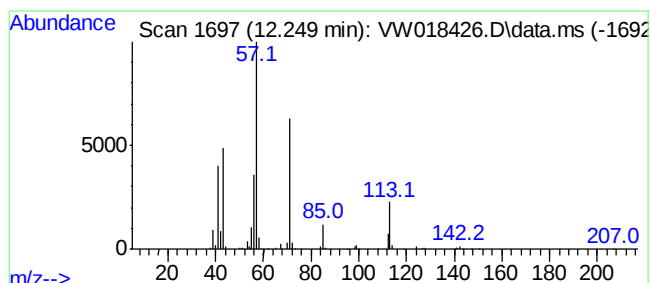
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	5.10 ug/L	374430	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

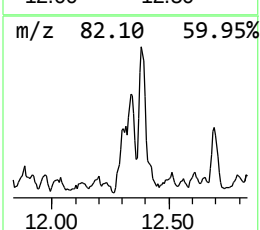
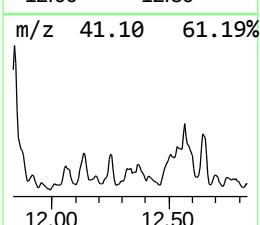
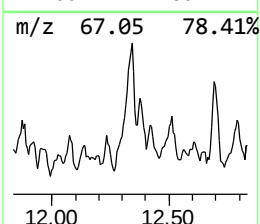
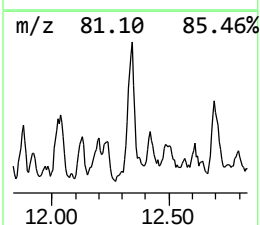
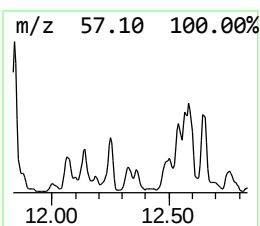
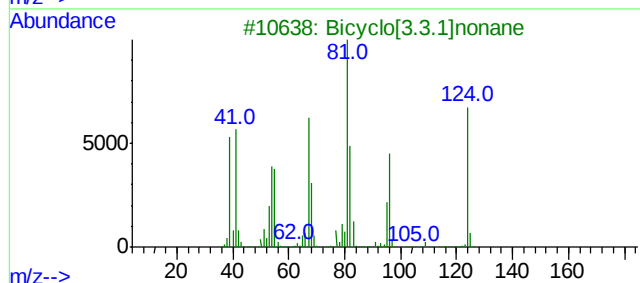
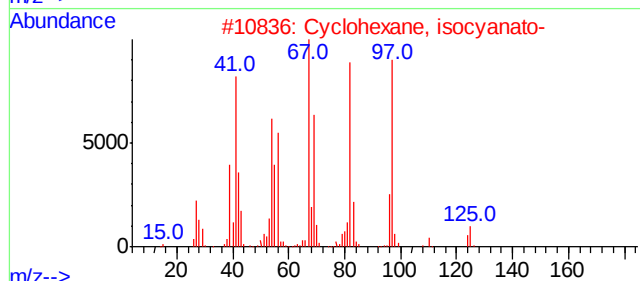
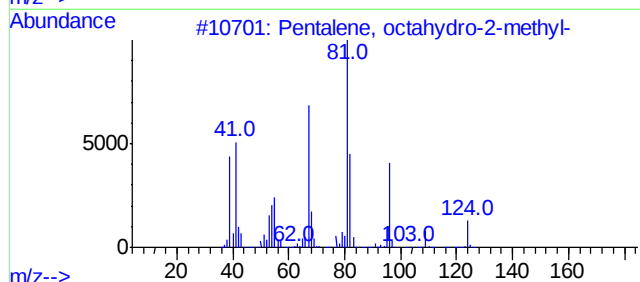
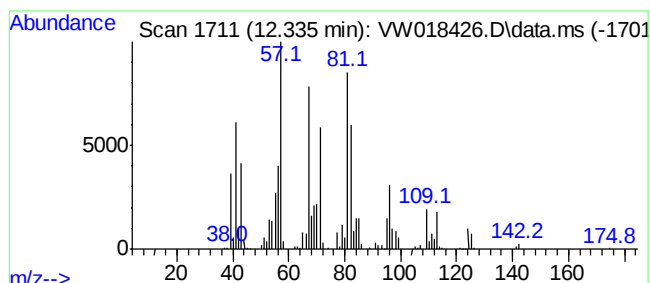
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Quant Title : VOC Analysis

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

Peak Number 33 Pentalene, octahydro-2-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	6.33 ug/L	464803	Chlorobenzene-d5	11.628

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	50
2		Cyclohexane, isocyanato-	125	C7H11NO	003173-53-3	45
3		Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	43
4		1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	38
5		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

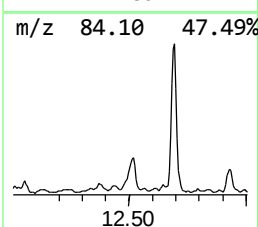
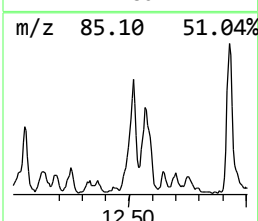
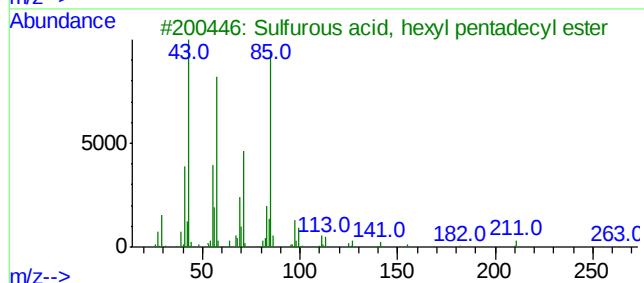
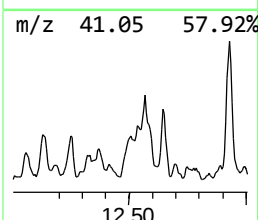
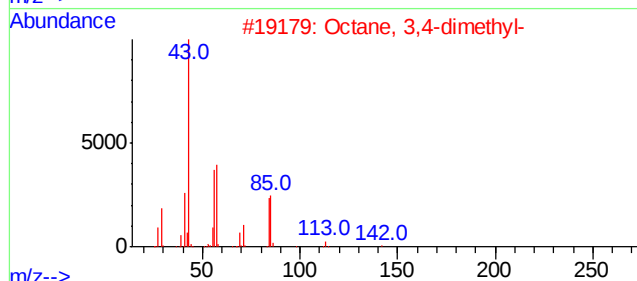
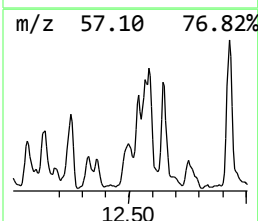
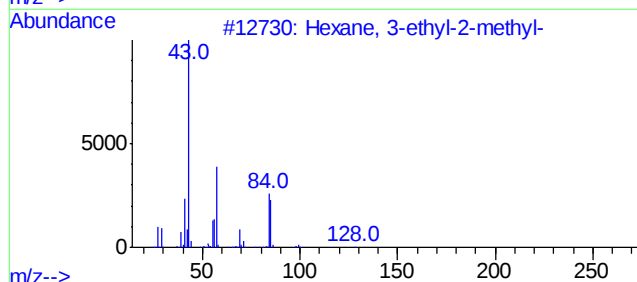
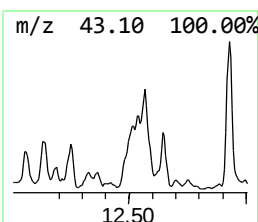
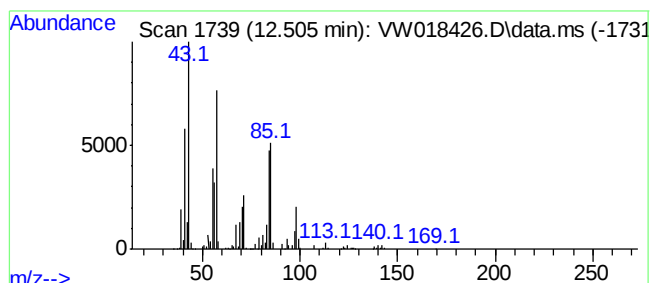
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.506	8.38 ug/L	615722	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	50
2	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	49
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	47
4	Hexane, 3-ethyl-2-methyl-	128	C9H20	016789-46-1	47
5	Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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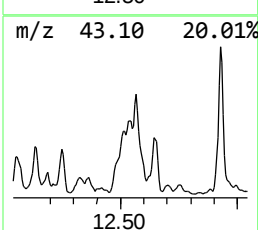
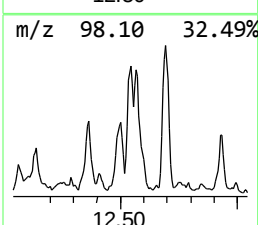
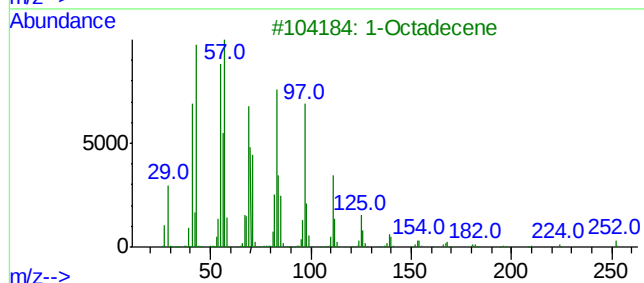
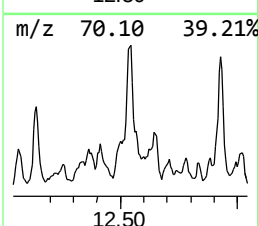
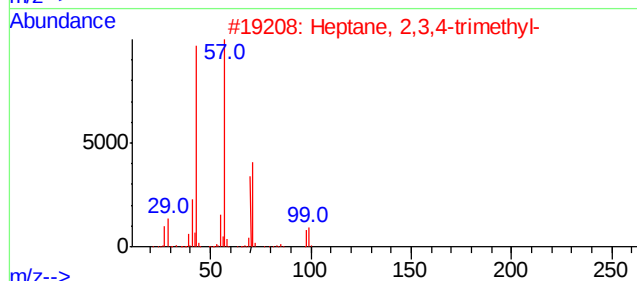
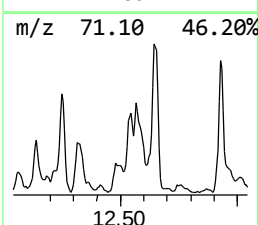
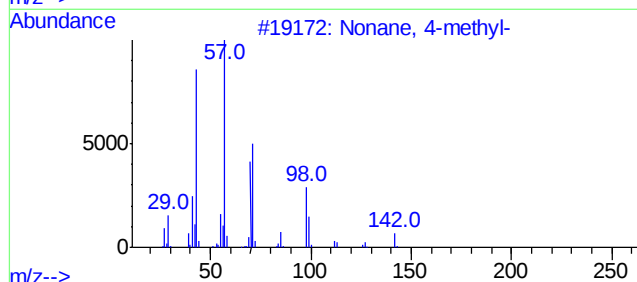
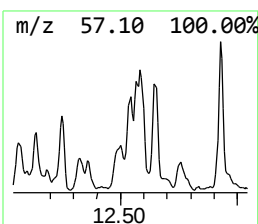
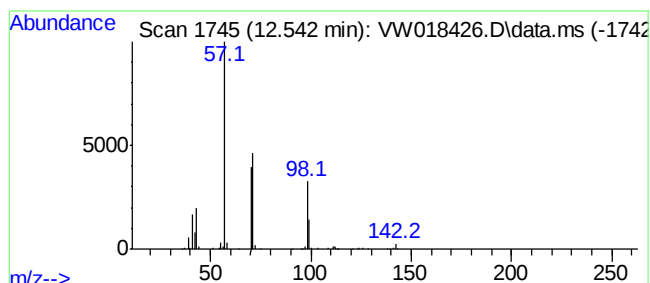
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	1.91 ug/L	140577	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
3	1-Octadecene	252	C18H36	000112-88-9	42
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	39
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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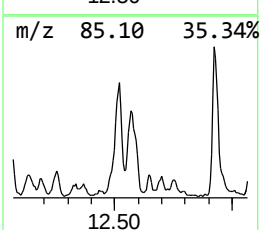
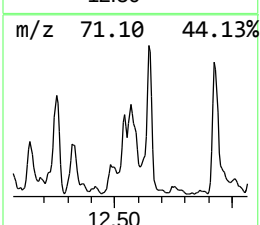
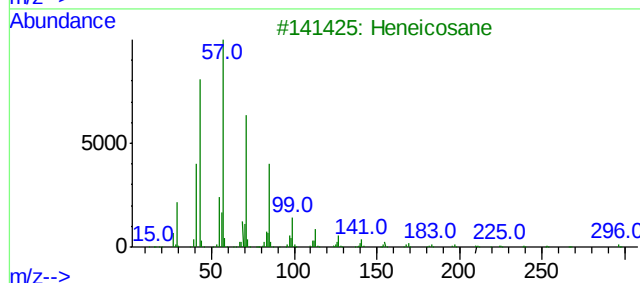
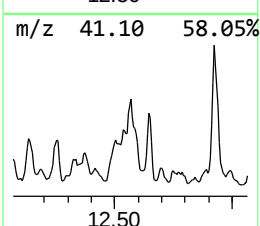
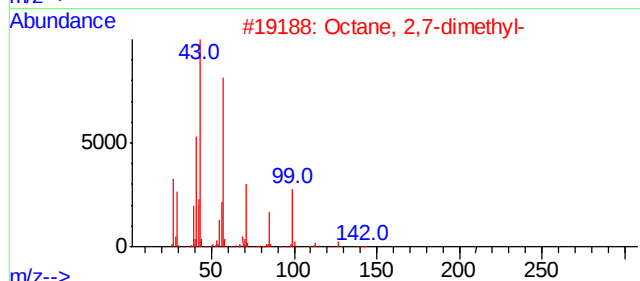
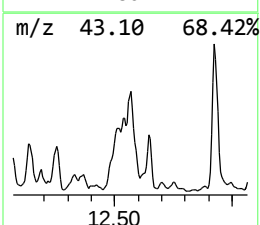
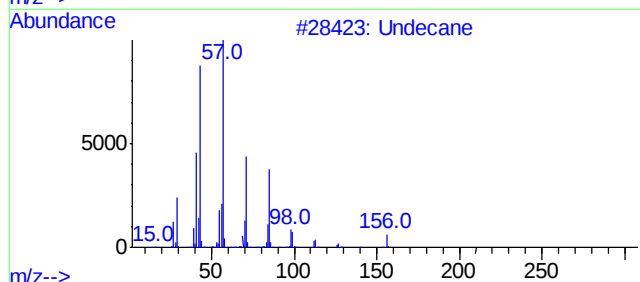
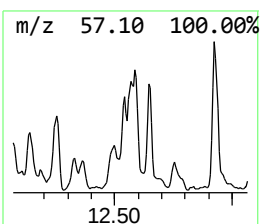
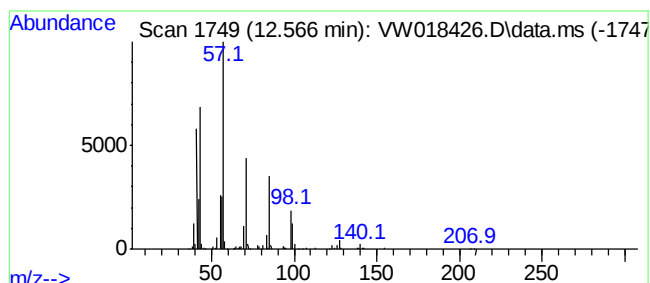
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Quant Title : VOC Analysis

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	2.08 ug/L	153017	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	64
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3	Heneicosane	296	C21H44	000629-94-7	59
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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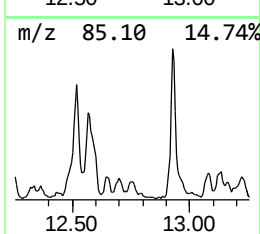
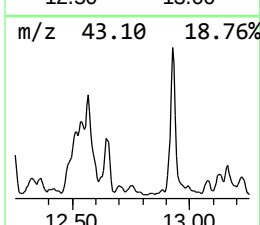
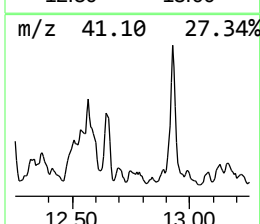
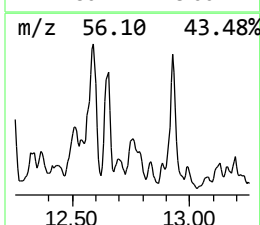
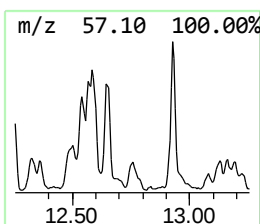
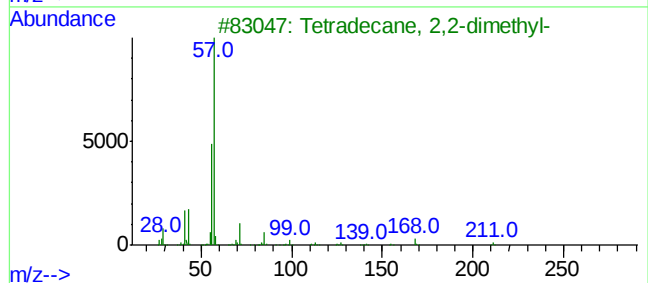
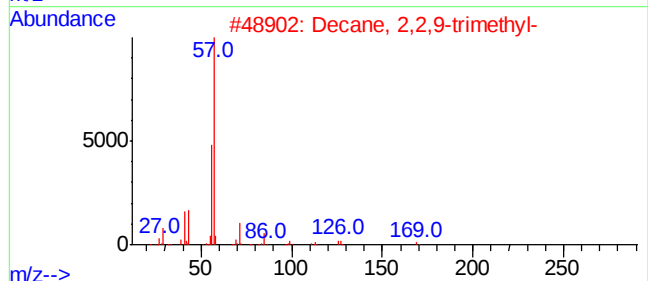
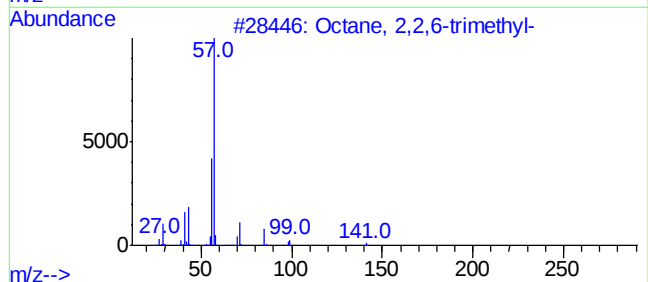
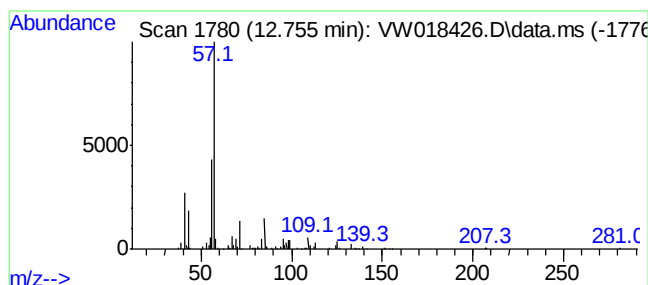
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.755	1.42 ug/L	95855	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
2	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4	2,2-Dimethyleicosane	310	C22H46	1000360-43-4	64
5	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

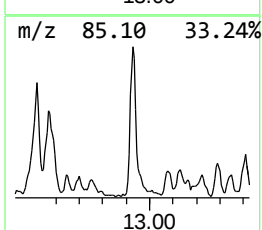
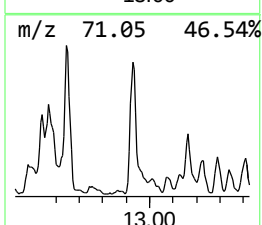
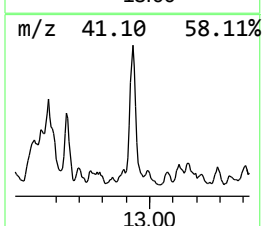
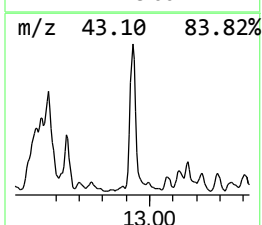
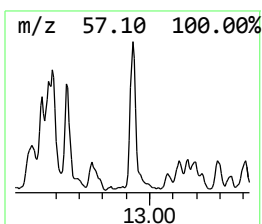
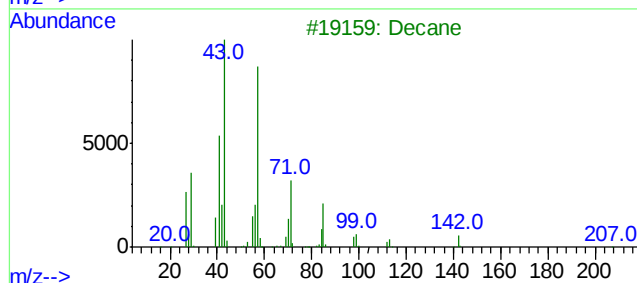
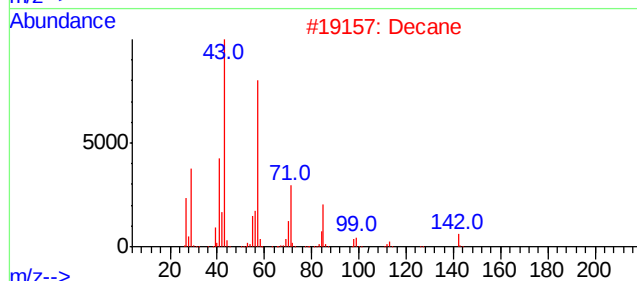
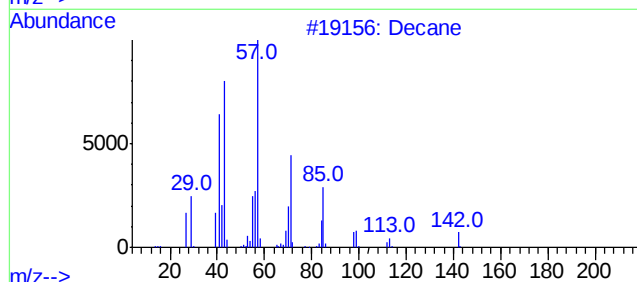
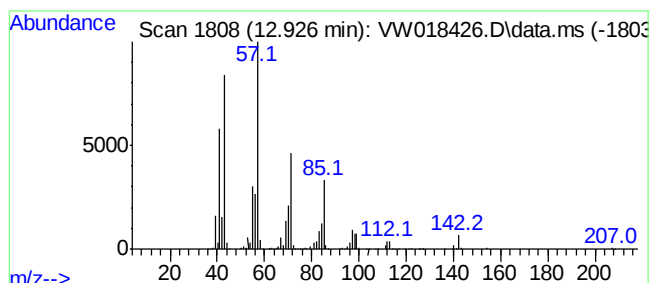
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Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	18.80 ug/L	1273080	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	96
2	Decane			142	C10H22	000124-18-5	93
3	Decane			142	C10H22	000124-18-5	90
4	Decane			142	C10H22	000124-18-5	74
5	Undecane			156	C11H24	001120-21-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

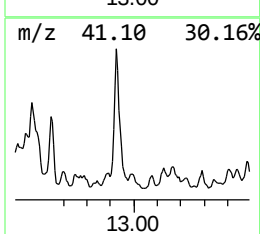
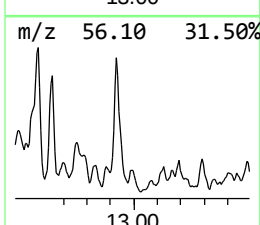
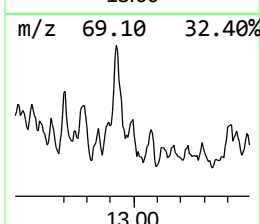
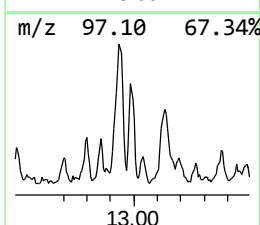
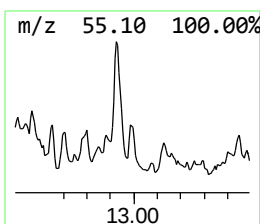
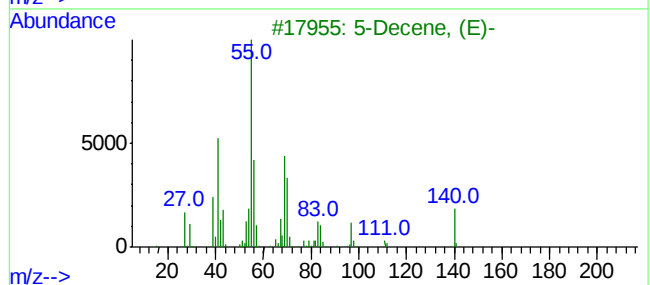
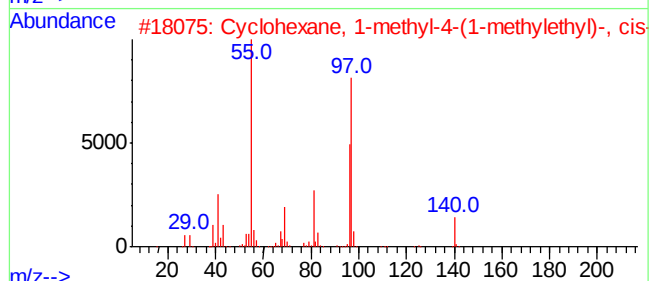
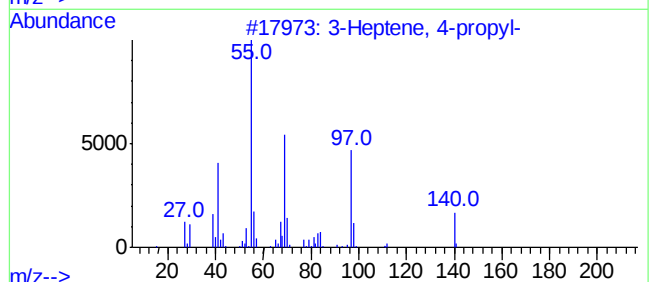
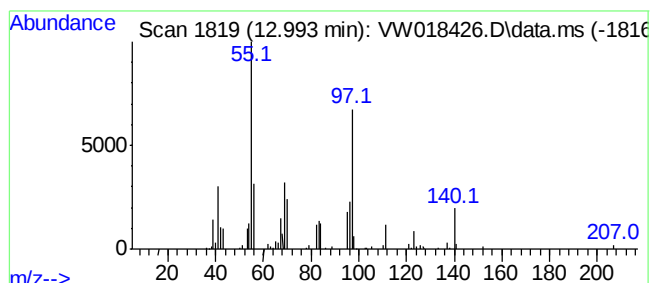
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Quant Title : VOC Analysis

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.993	2.52 ug/L	170706	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-propyl-	140	C10H20	004485-13-6	52
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
3	5-Decene, (E)-	140	C10H20	007433-56-9	45
4	5-Decene, (E)-	140	C10H20	007433-56-9	45
5	5-Decene	140	C10H20	019689-19-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

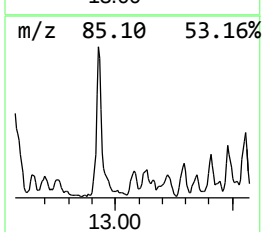
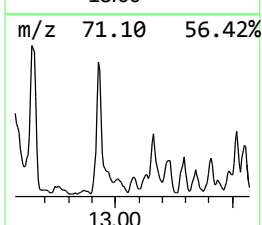
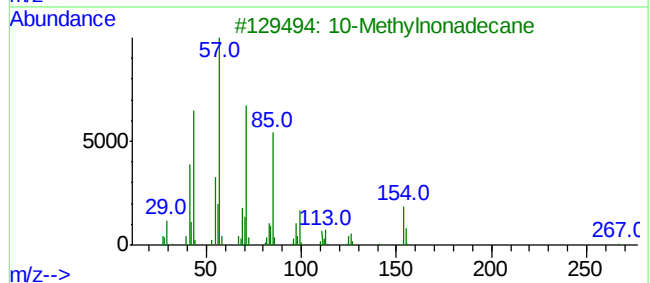
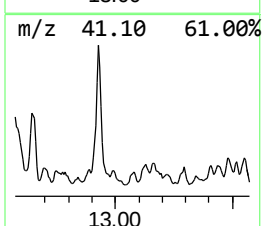
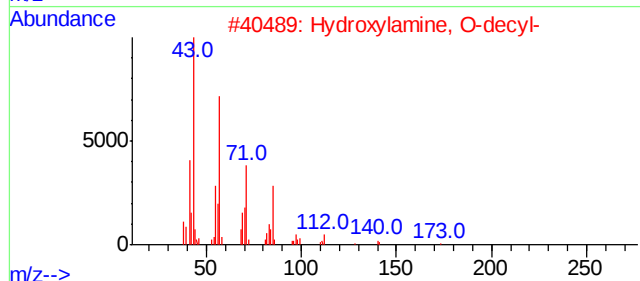
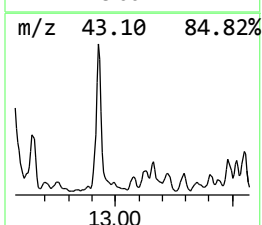
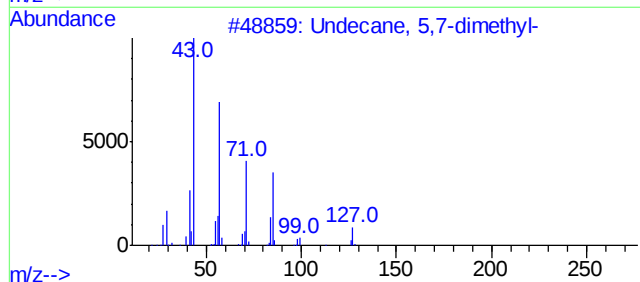
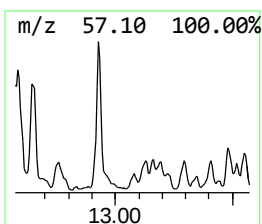
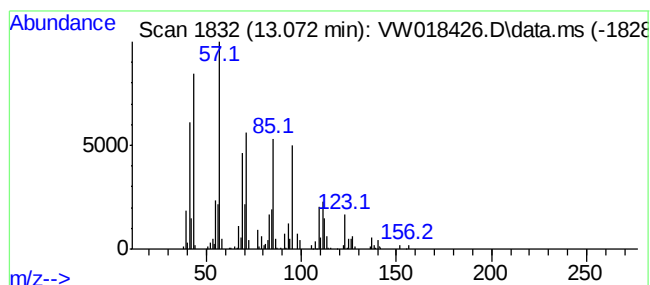
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Quant Title : VOC Analysis

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.073	1.89 ug/L	127885	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43
2	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	43
3	10-Methylnonadecane	282	C20H42	056862-62-5	38
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	38
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4F2

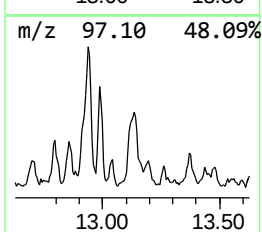
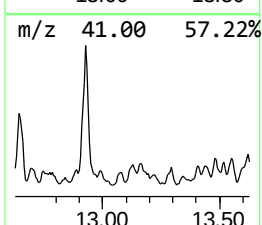
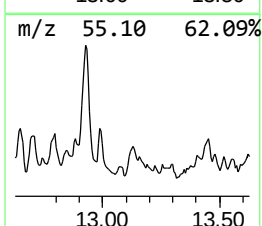
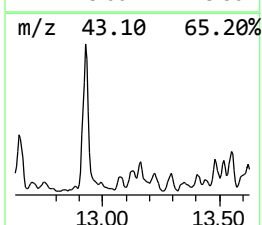
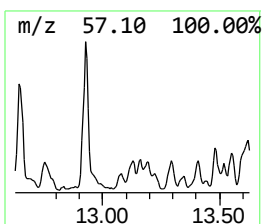
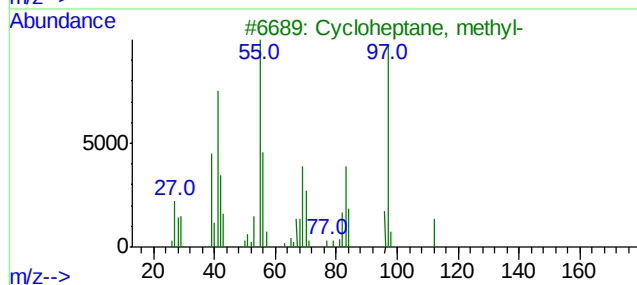
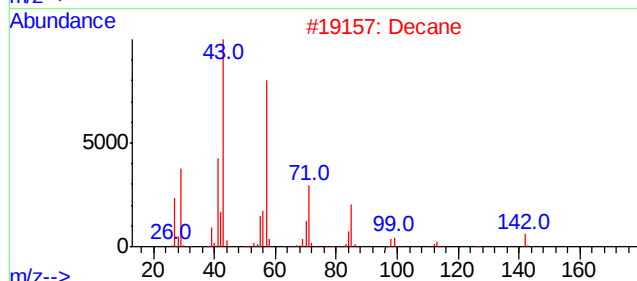
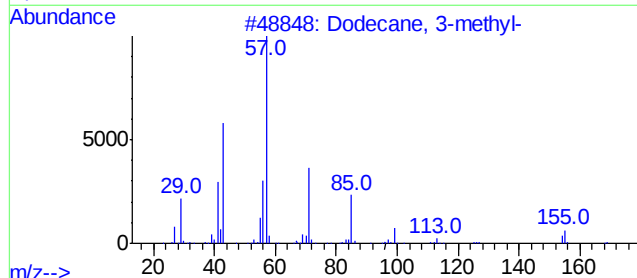
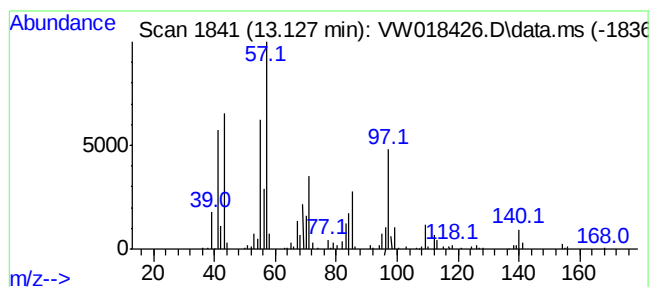
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Quant Title : VOC Analysis

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	3.07 ug/L	207770	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
2	Decane	142	C10H22	000124-18-5	43
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	41
4	Cycloheptane, methyl-	112	C8H16	004126-78-7	38
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4F2

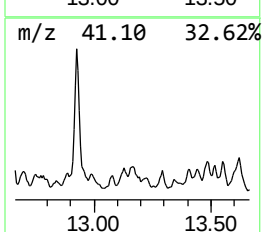
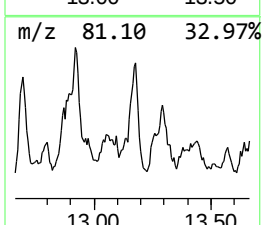
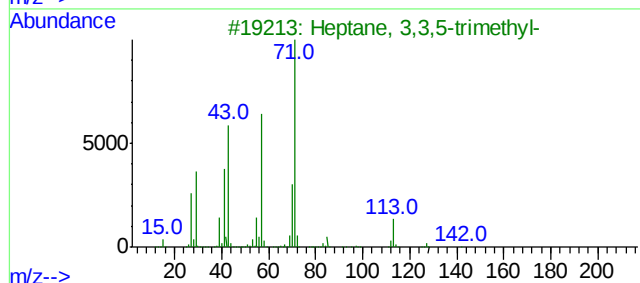
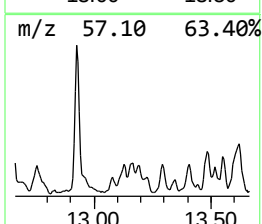
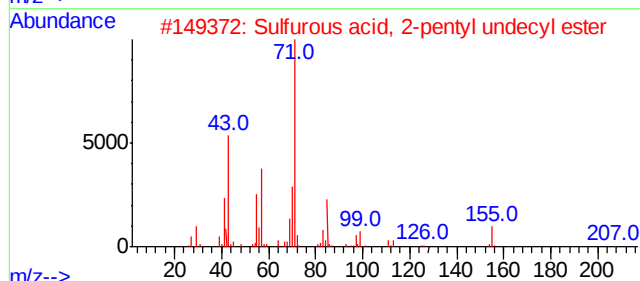
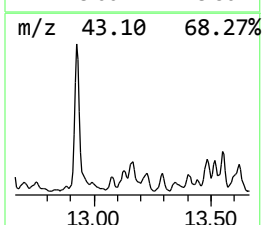
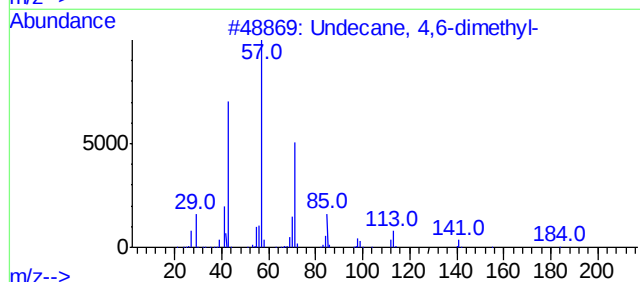
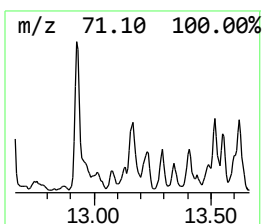
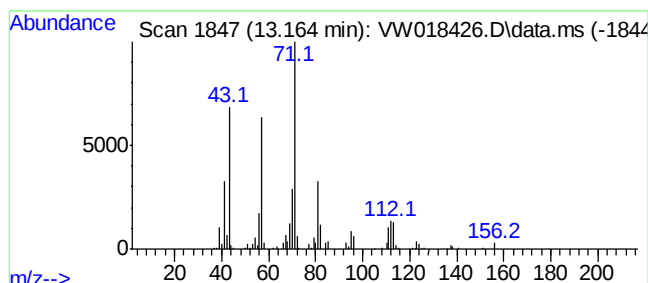
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Quant Title : VOC Analysis

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	3.03 ug/L	205366	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
2	Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	53
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
4	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50
5	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

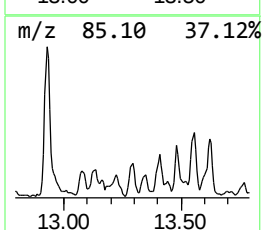
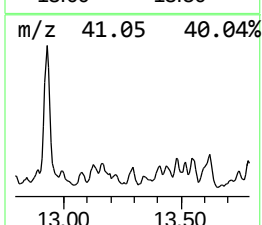
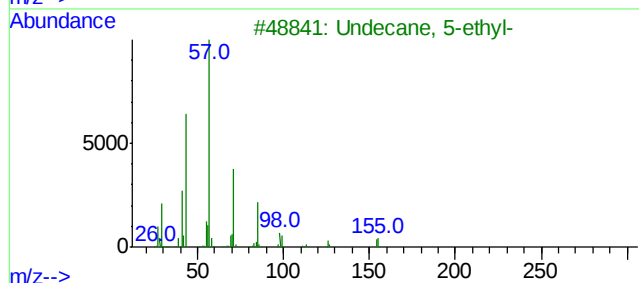
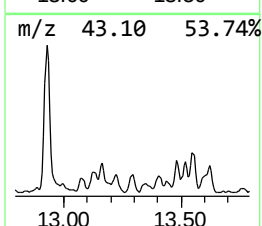
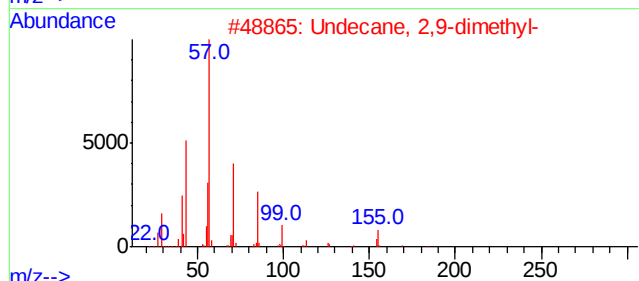
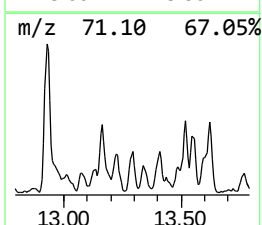
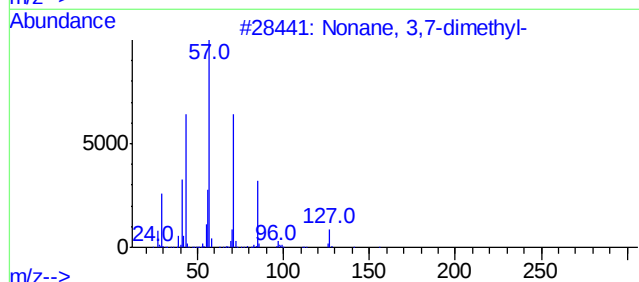
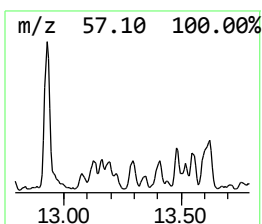
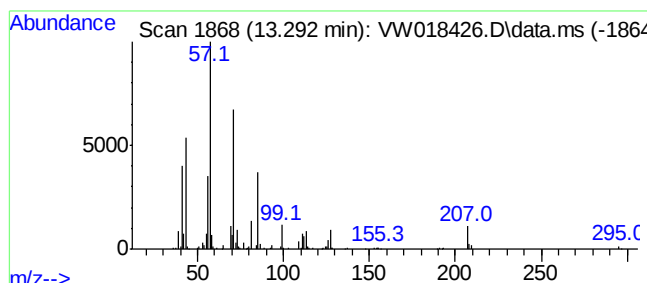
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Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	2.40 ug/L	162576	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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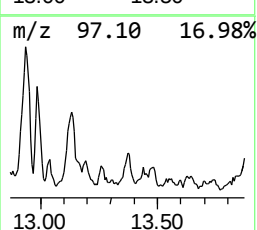
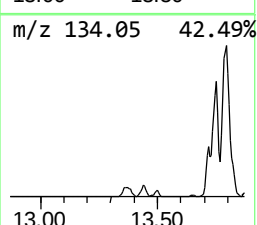
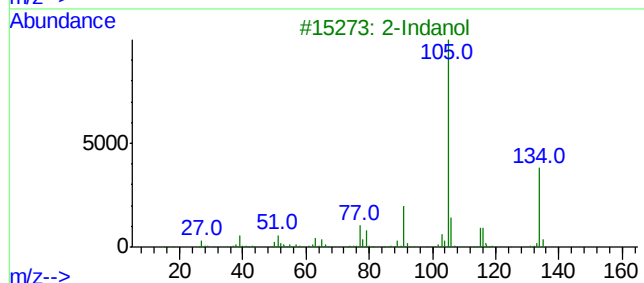
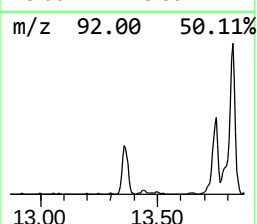
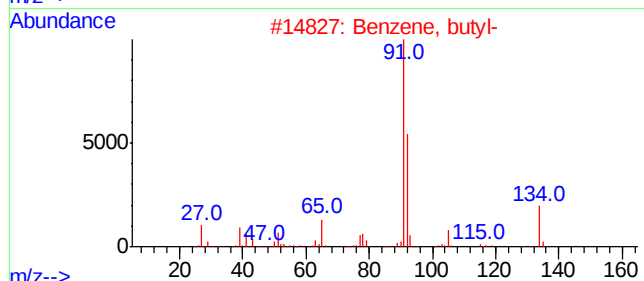
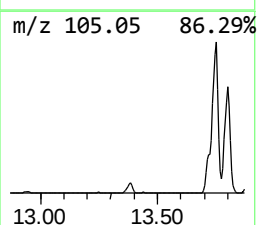
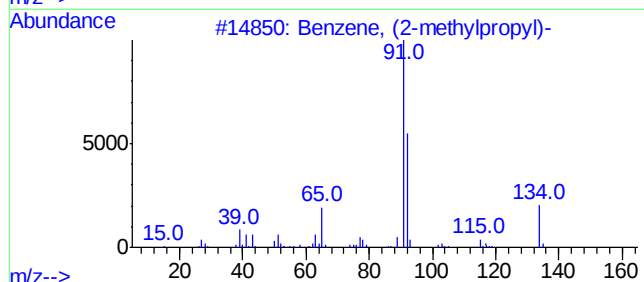
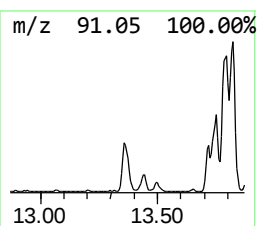
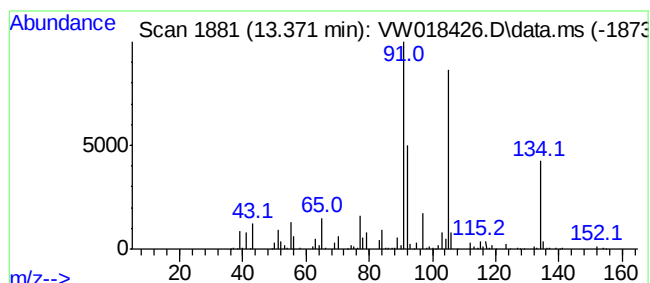
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Quant Title : VOC Analysis

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

Peak Number 45 Benzene, (2-methylpropyl)- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.371	4.53 ug/L	307081	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
2	Benzene, butyl-	134	C10H14	000104-51-8	50
3	2-Indanol	134	C9H10O	004254-29-9	46
4	Benzene, butyl-	134	C10H14	000104-51-8	38
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

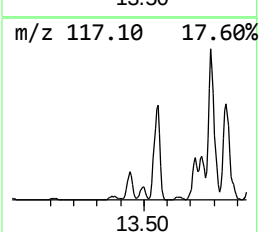
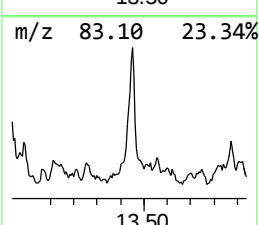
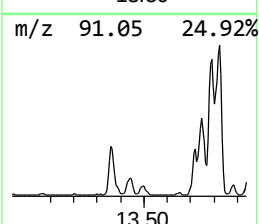
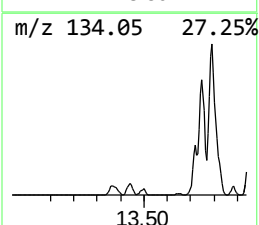
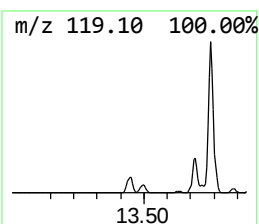
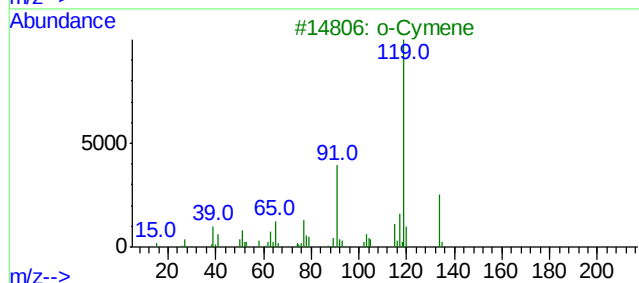
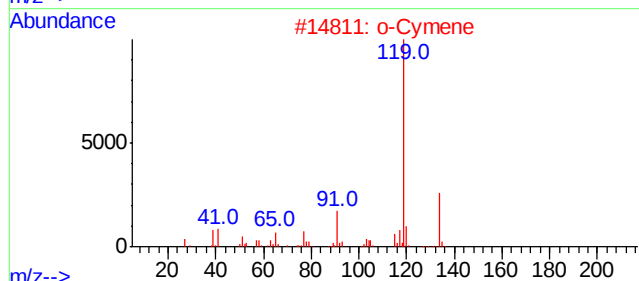
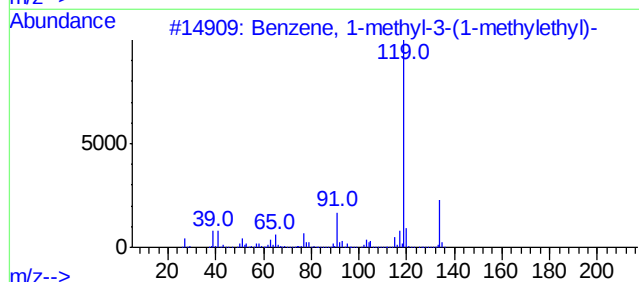
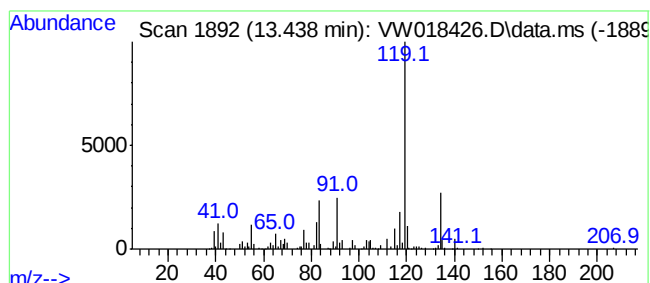
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Quant Title : VOC Analysis

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

Peak Number 46 Benzene, 1-methyl-3-(1-meth... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	5.80 ug/L	393076	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	o-Cymene	134	C10H14	000527-84-4	81
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
5	p-Cymene	134	C10H14	000099-87-6	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

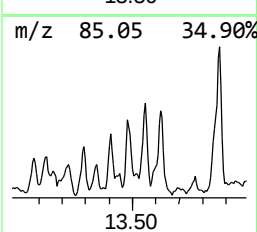
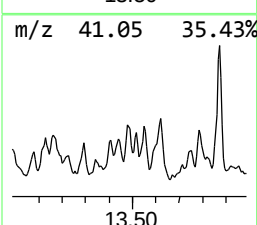
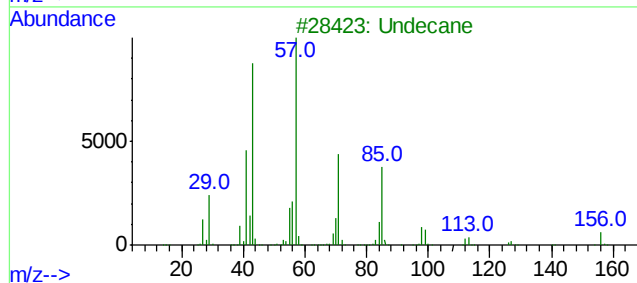
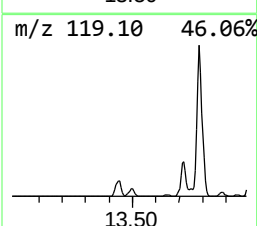
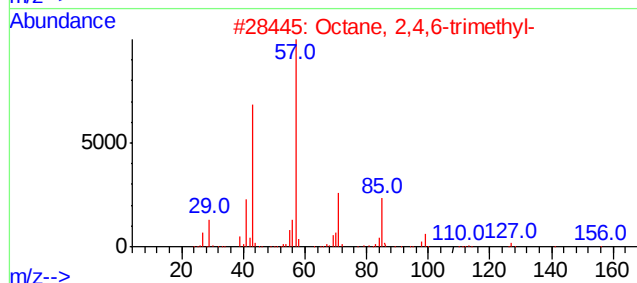
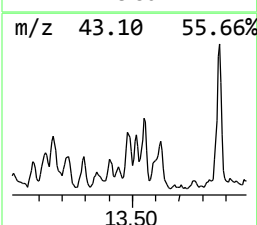
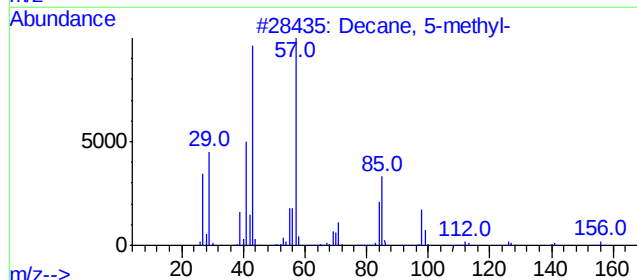
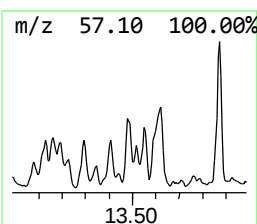
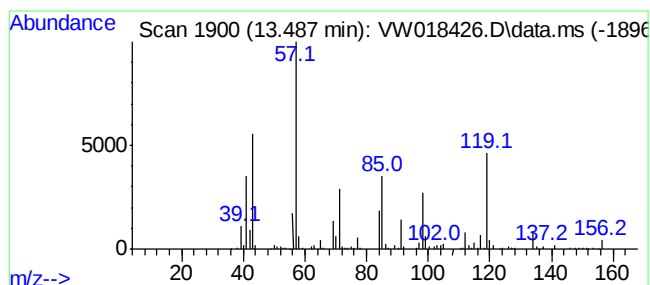
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Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	4.76 ug/L	322662	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	35
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
3	Undecane	156	C11H24	001120-21-4	30
4	Tridecane, 5-methyl-	198	C14H30	025117-31-1	27
5	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

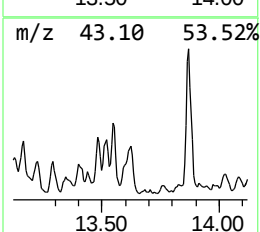
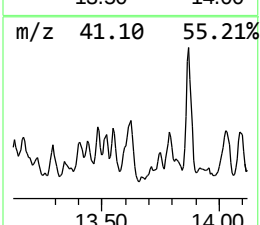
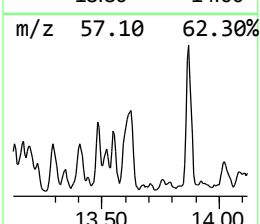
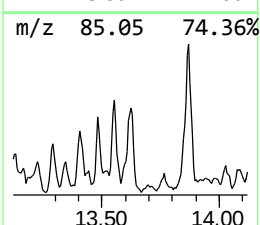
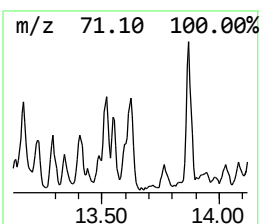
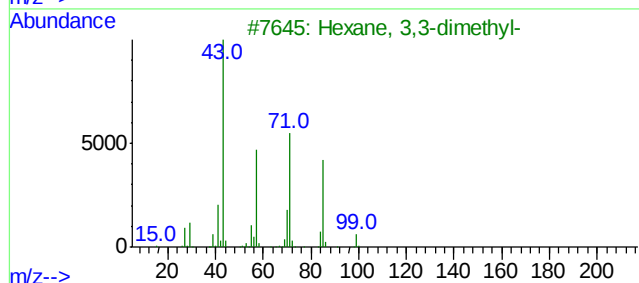
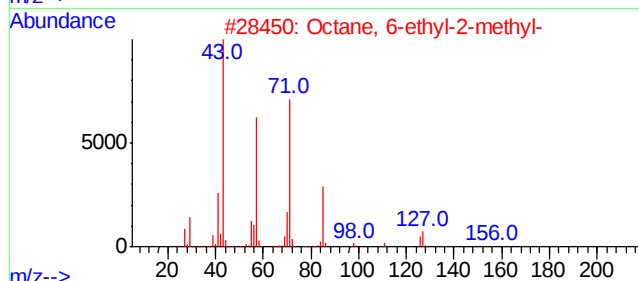
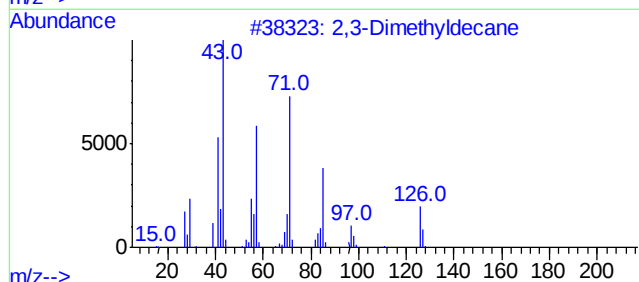
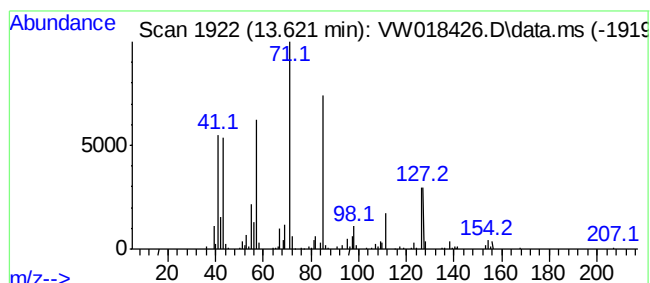
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Quant Title : VOC Analysis

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	4.41 ug/L	298469	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyldecane	170	C12H26	017312-44-6	72
2	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

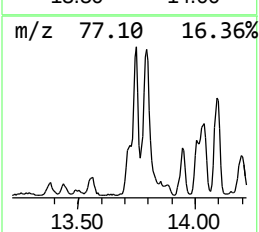
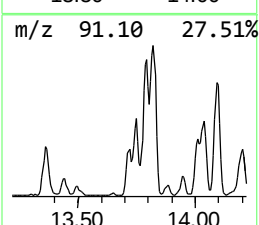
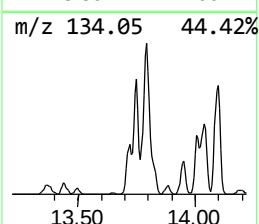
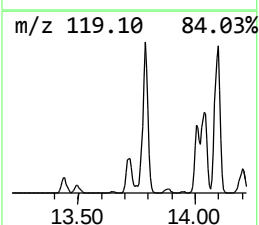
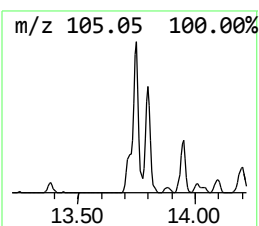
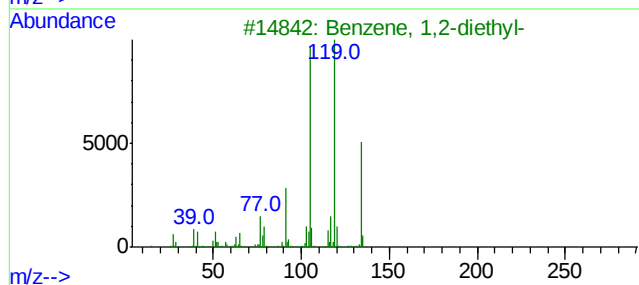
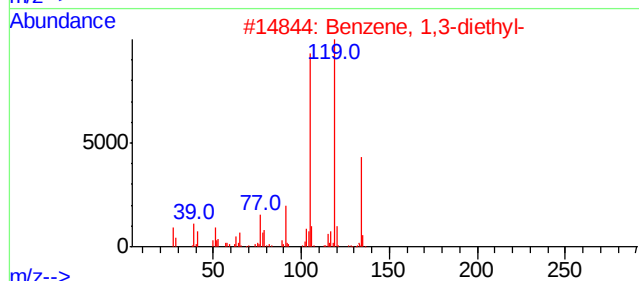
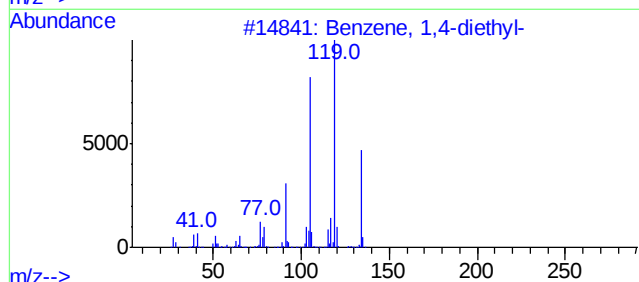
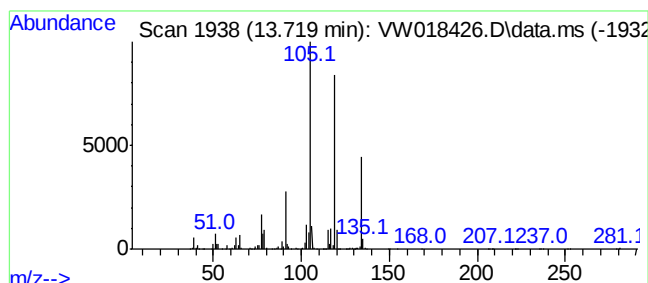
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Quant Title : VOC Analysis

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

Peak Number 49 Benzene, 1,4-diethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	10.44 ug/L	707208	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

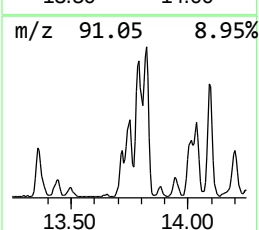
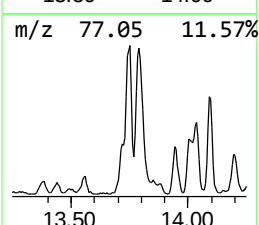
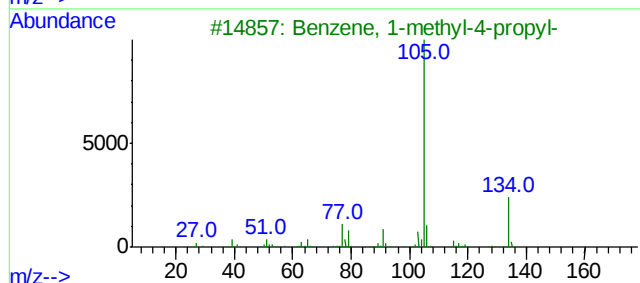
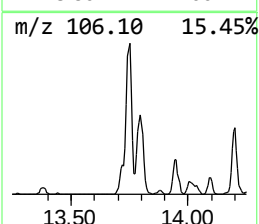
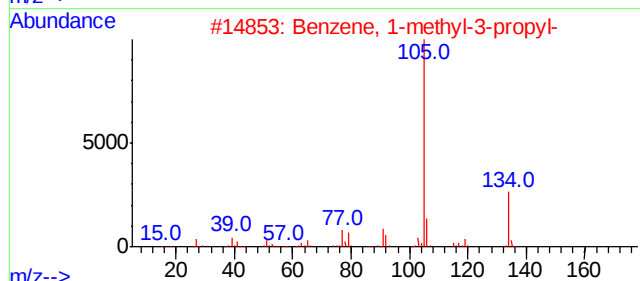
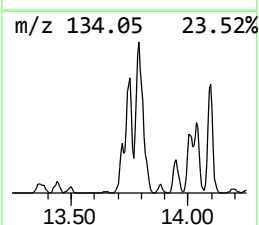
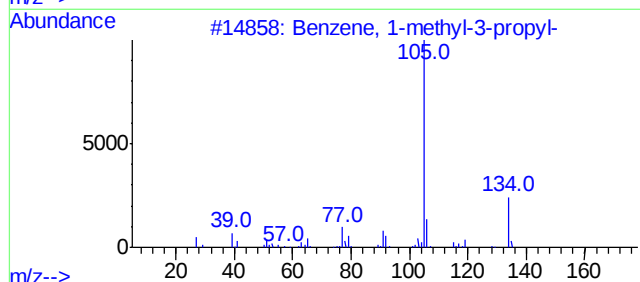
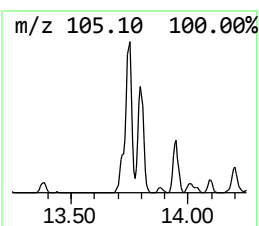
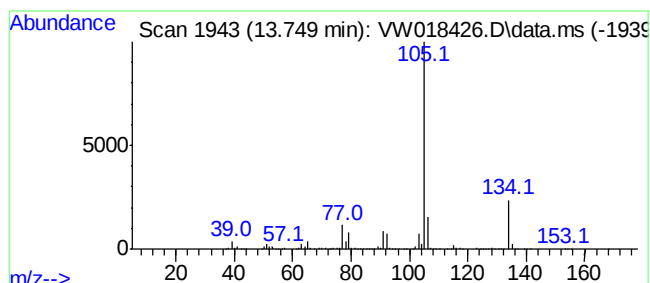
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Quant Title : VOC Analysis

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

Peak Number 50 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	27.85 ug/L	1885710	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

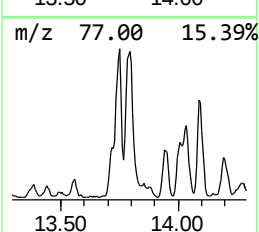
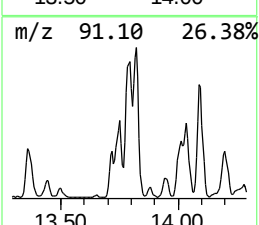
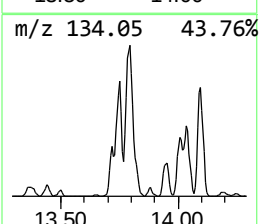
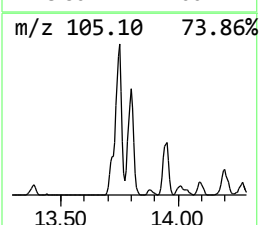
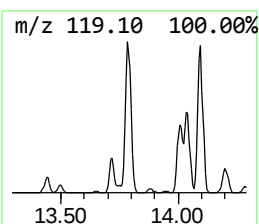
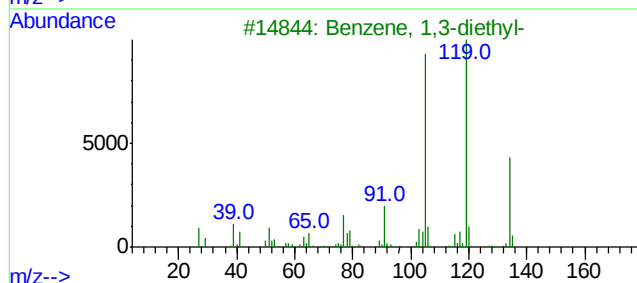
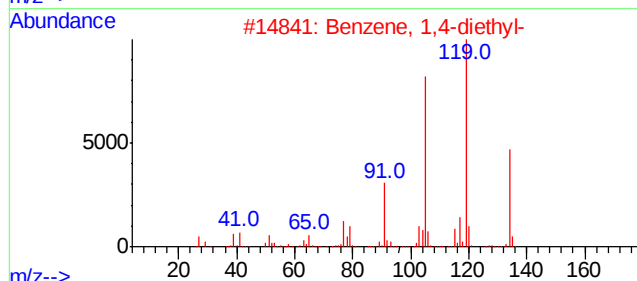
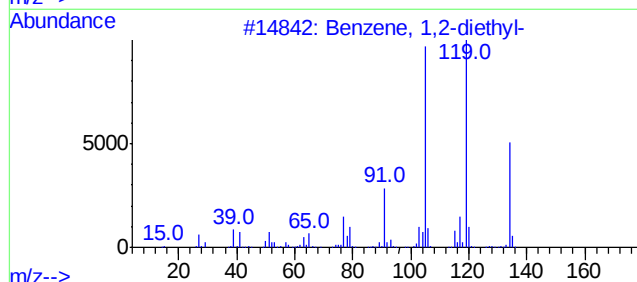
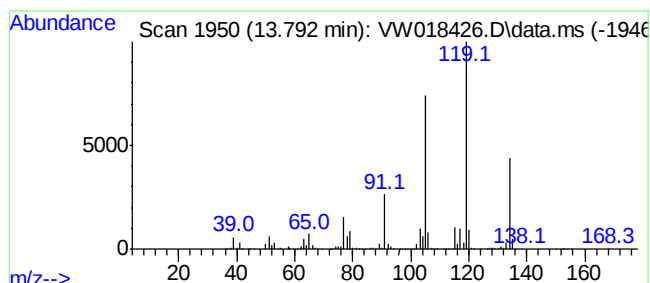
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Quant Title : VOC Analysis

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

Peak Number 51 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	46.47 ug/L	3146770	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

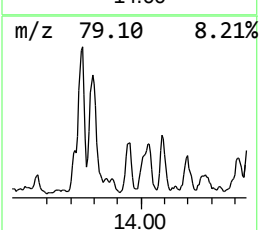
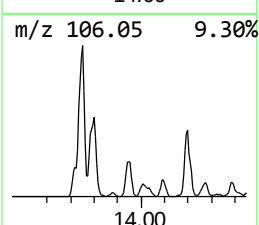
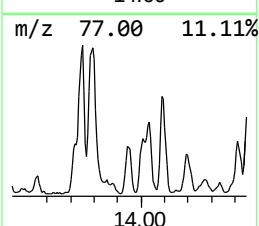
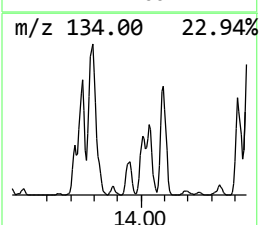
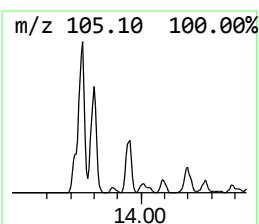
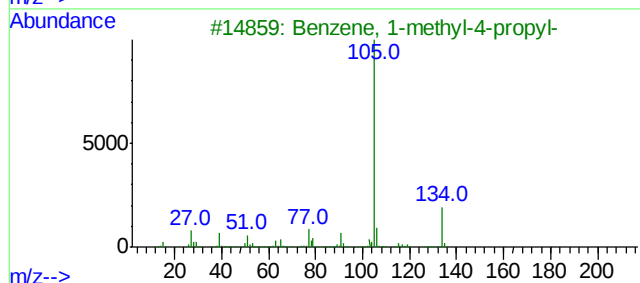
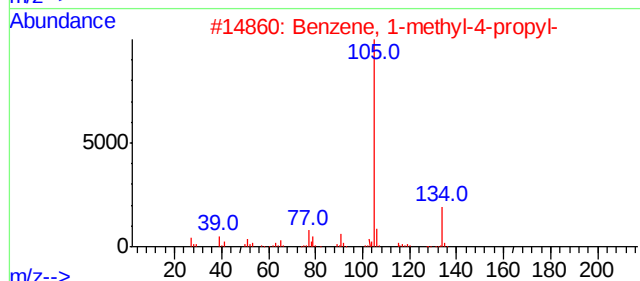
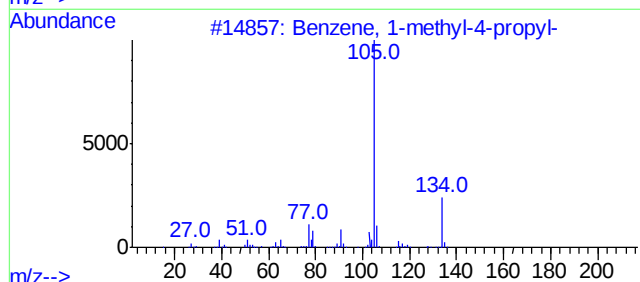
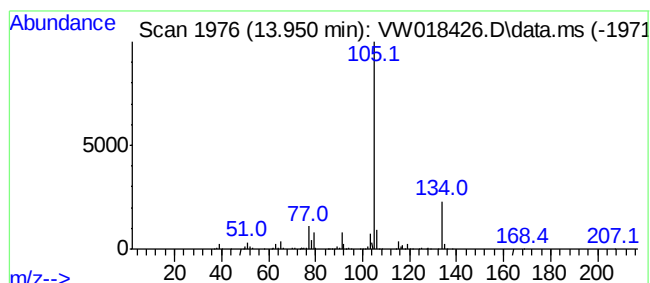
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Quant Title : VOC Analysis

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

Peak Number 52 Benzene, 1-methyl-4-propyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.950	7.76 ug/L	525394	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

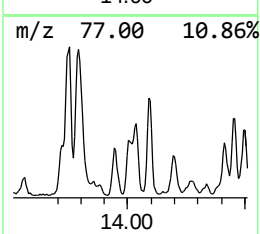
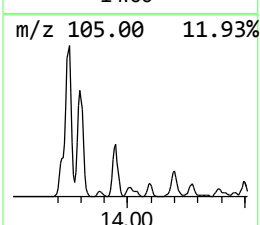
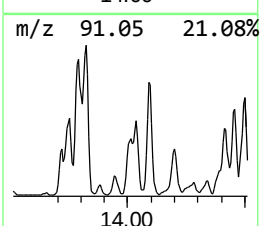
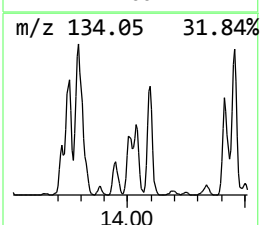
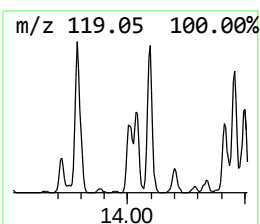
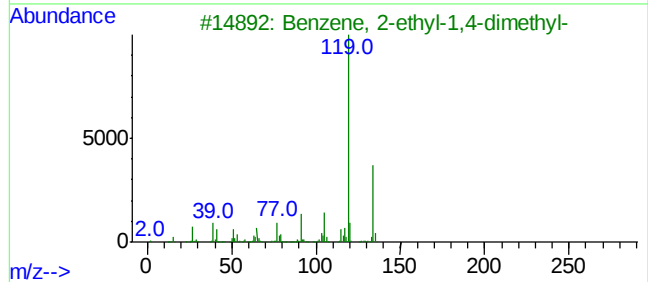
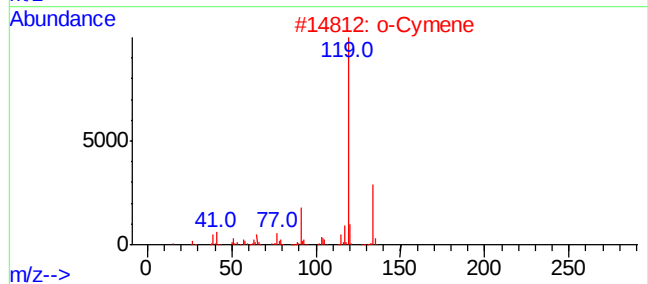
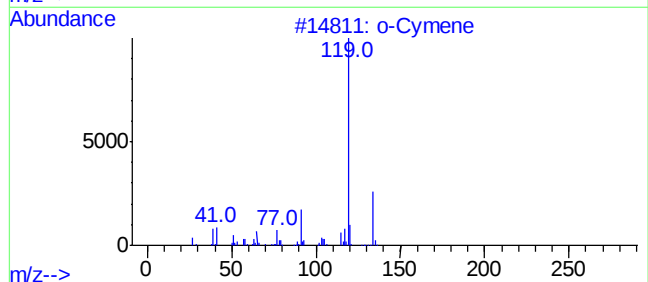
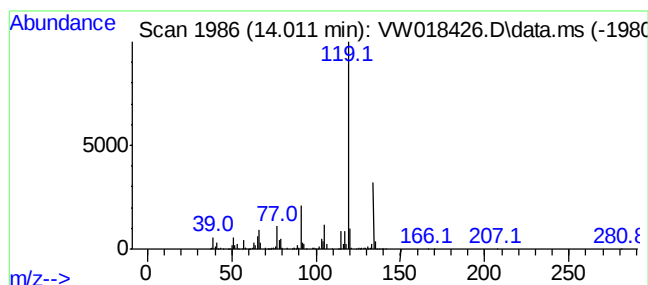
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Quant Title : VOC Analysis

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

Peak Number 53 o-Cymene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	12.44 ug/L	842216	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

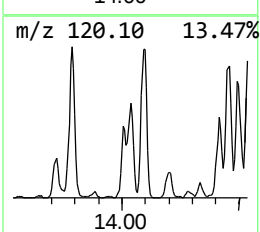
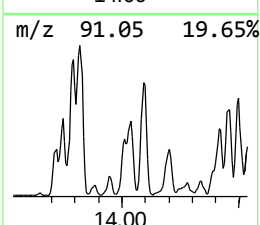
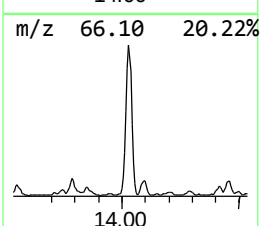
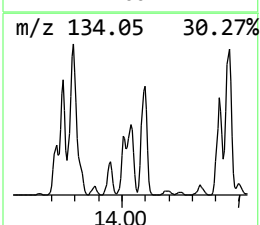
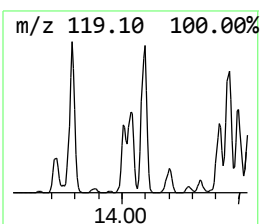
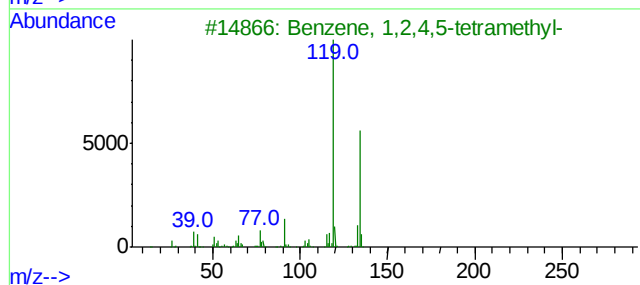
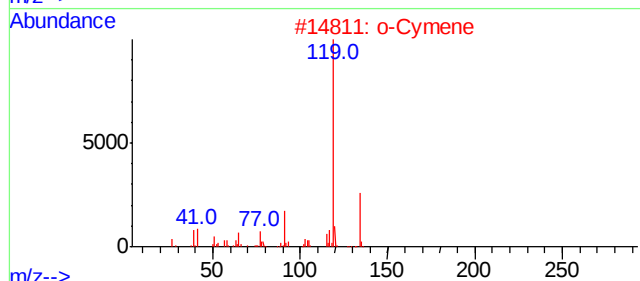
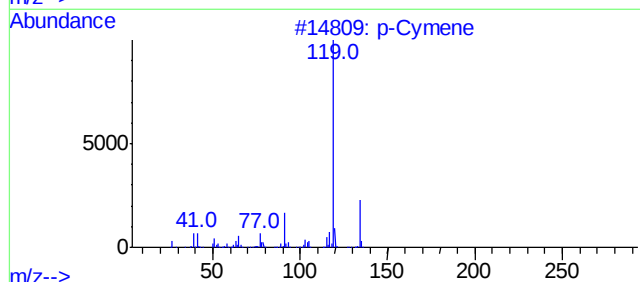
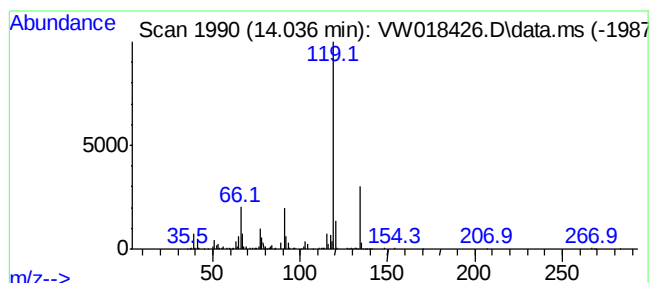
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Quant Title : VOC Analysis

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

Peak Number 54 p-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	18.79 ug/L	1272270	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	91
2	o-Cymene		134	C10H14	000527-84-4	90
3	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	64
4	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	60
5	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

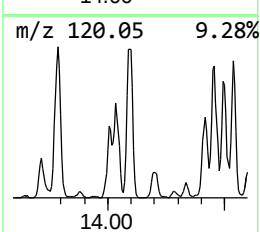
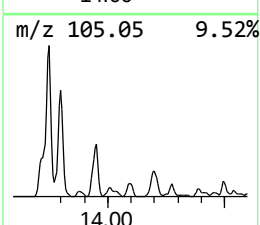
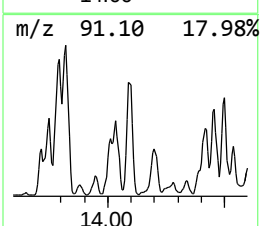
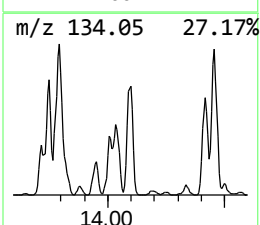
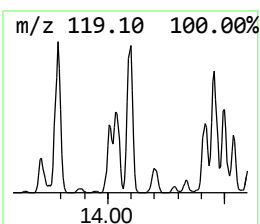
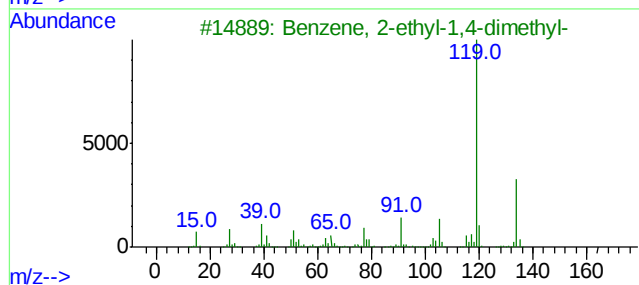
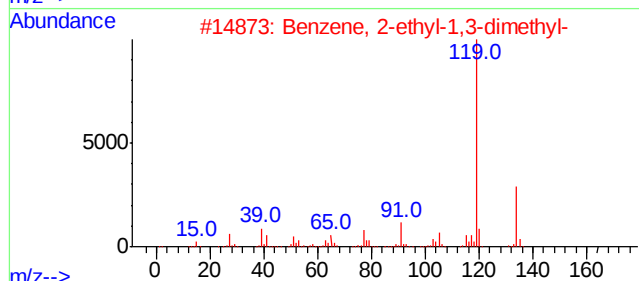
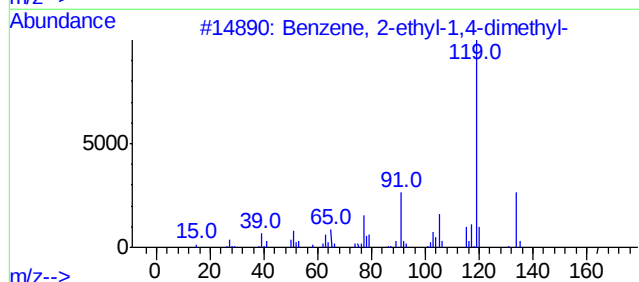
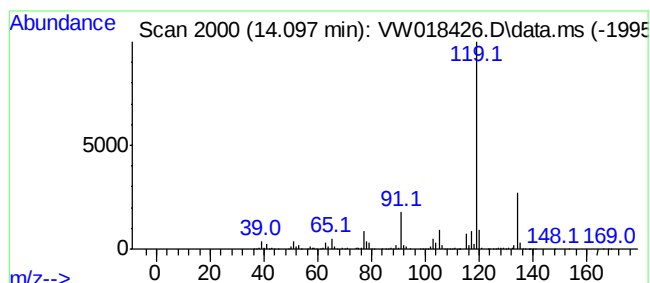
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Quant Title : VOC Analysis

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

Peak Number 55 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	27.89 ug/L	1888520	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

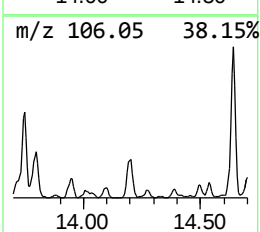
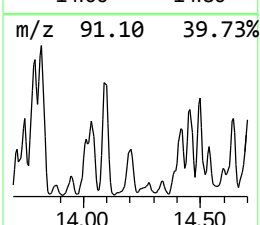
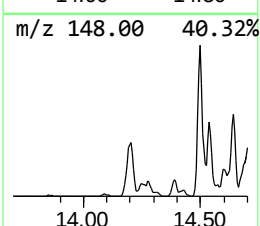
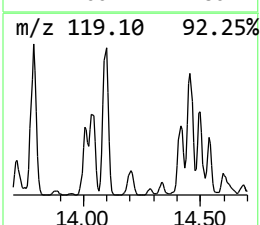
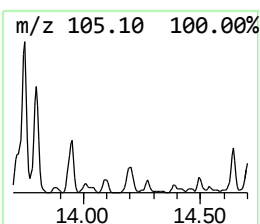
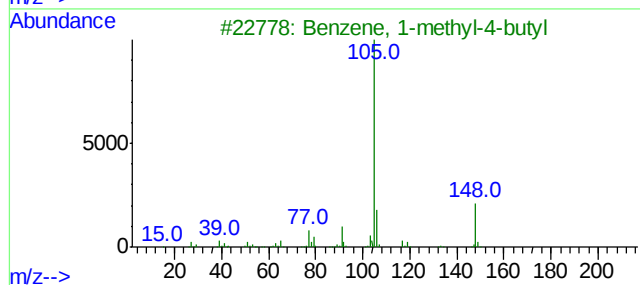
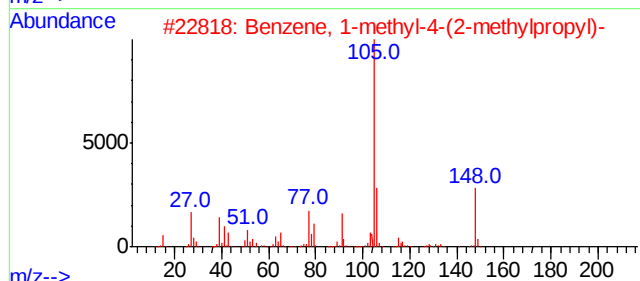
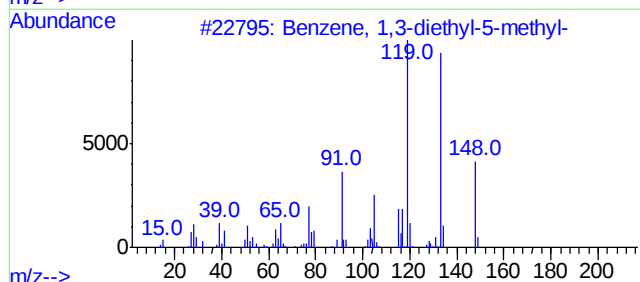
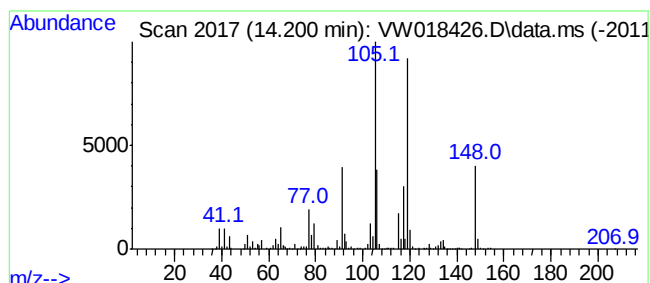
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Quant Title : VOC Analysis

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

Peak Number 56 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	11.57 ug/L	783458	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	55
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	45
4	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

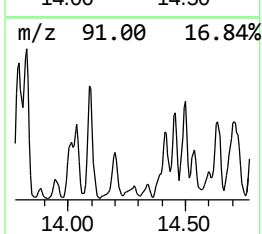
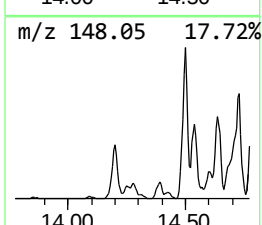
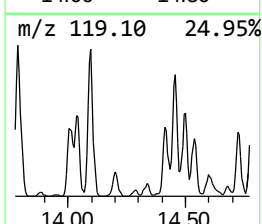
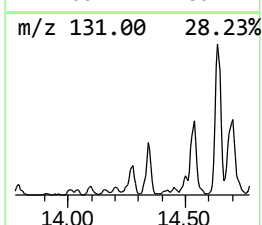
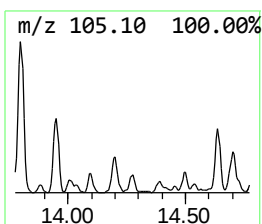
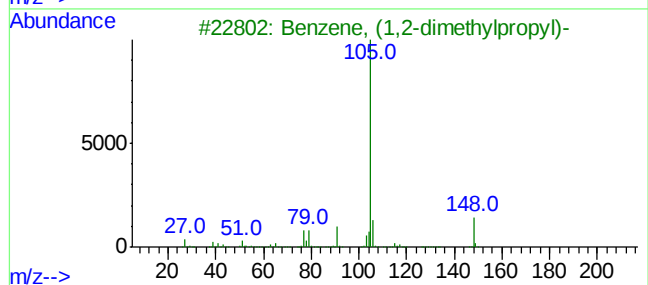
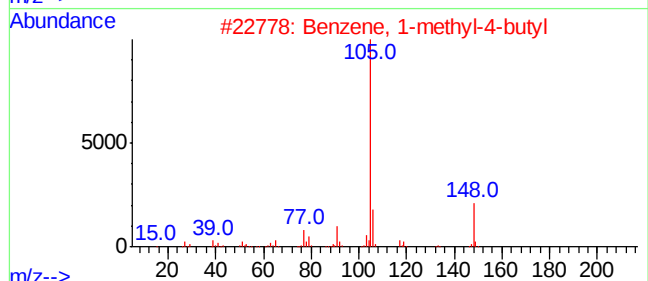
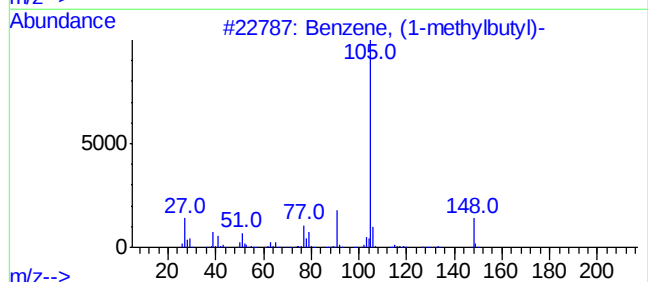
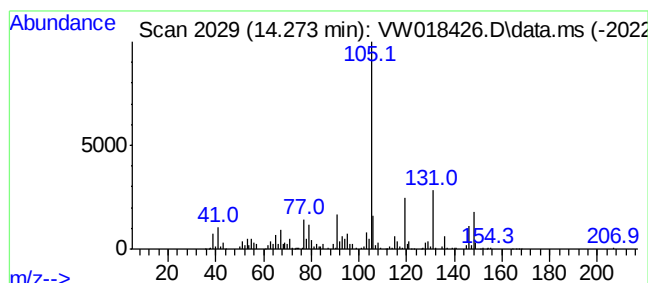
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Quant Title : VOC Analysis

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

Peak Number 57 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.274	5.81 ug/L	393332	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	30
2			Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	30
3			Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	25
4			1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	22
5			2-Methylindan-2-ol	148	C10H12O	033223-84-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

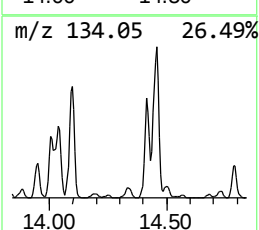
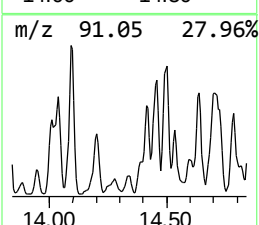
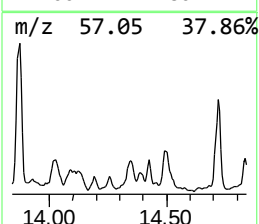
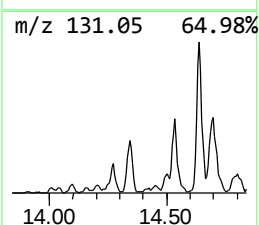
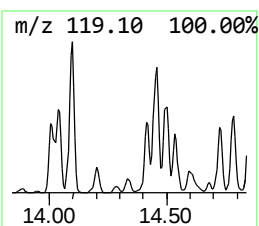
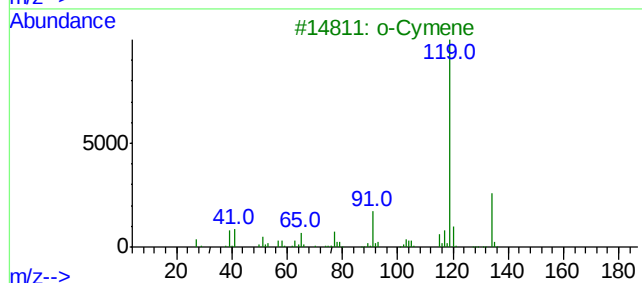
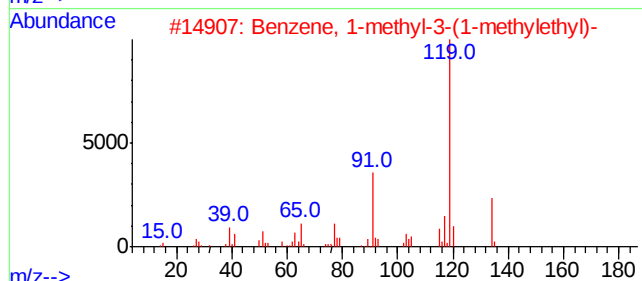
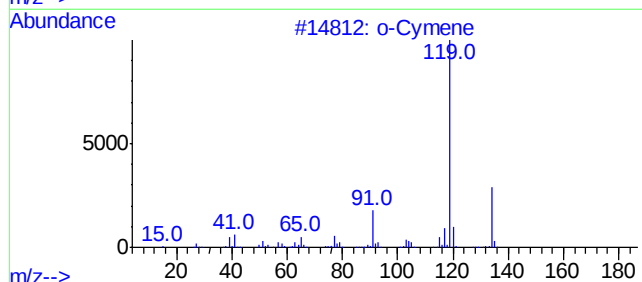
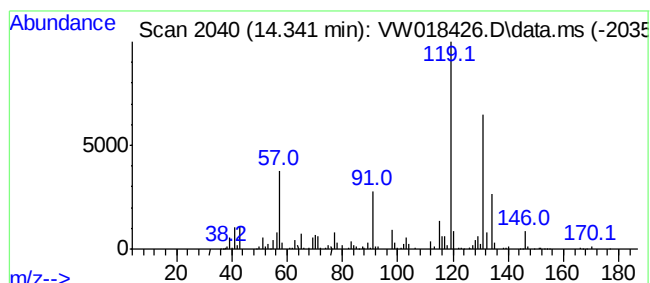
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Quant Title : VOC Analysis

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

Peak Number 58 unknown-02 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	3.47 ug/L	235057	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	53
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53
3	o-Cymene	134	C10H14	000527-84-4	53
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4F2

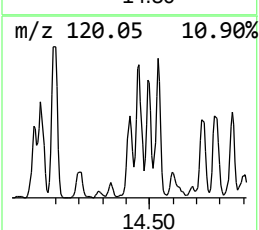
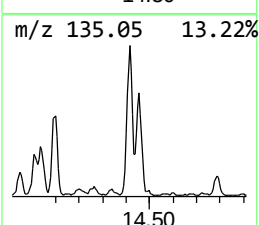
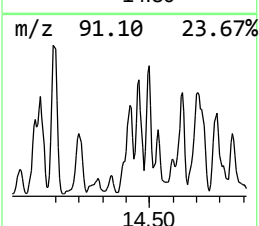
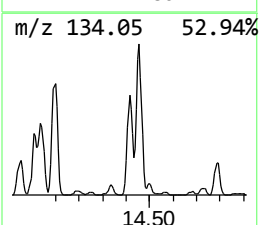
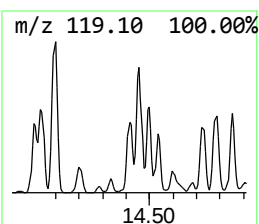
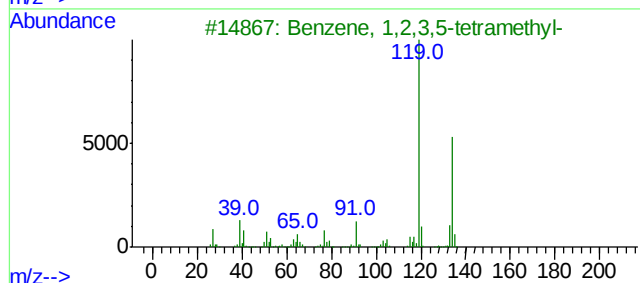
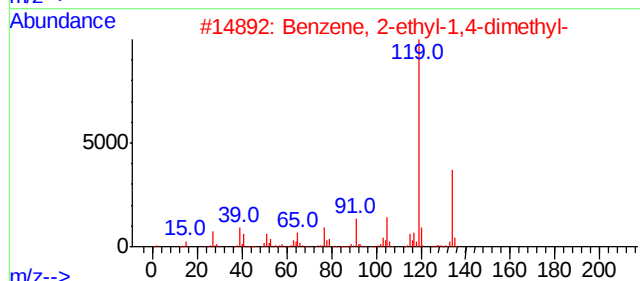
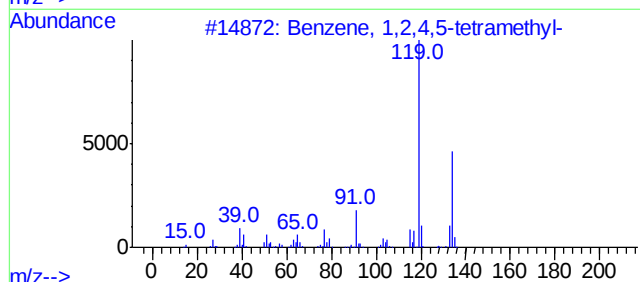
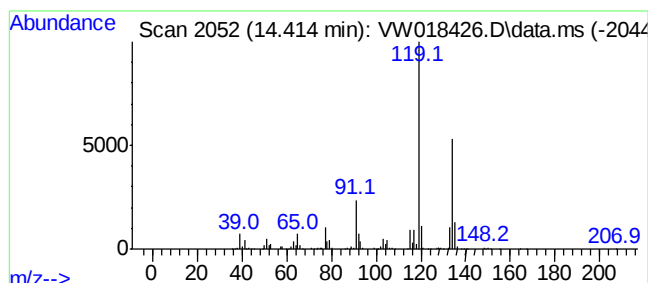
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Quant Title : VOC Analysis

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

Peak Number 59 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	19.08 ug/L	1292340	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

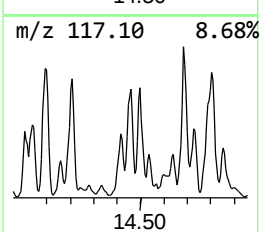
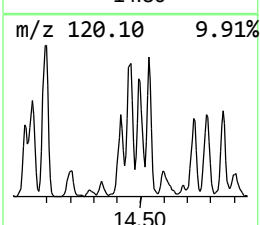
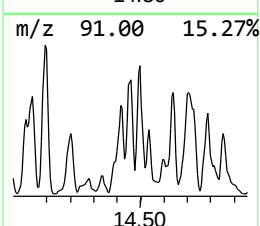
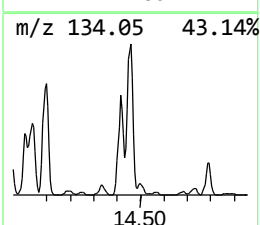
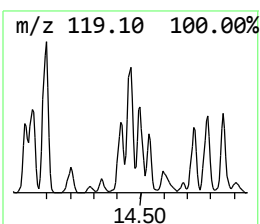
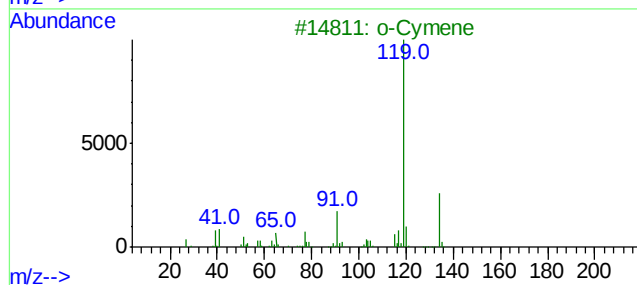
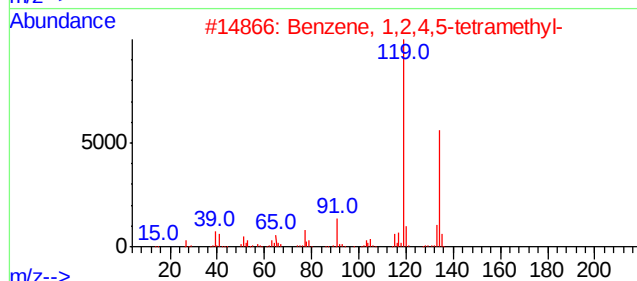
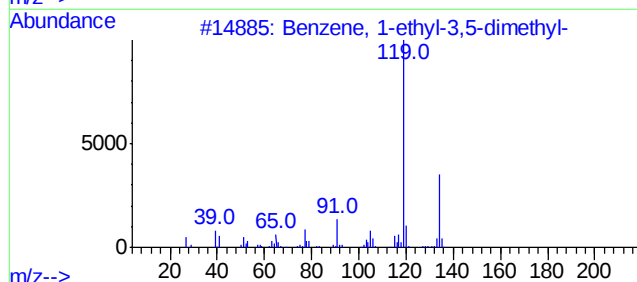
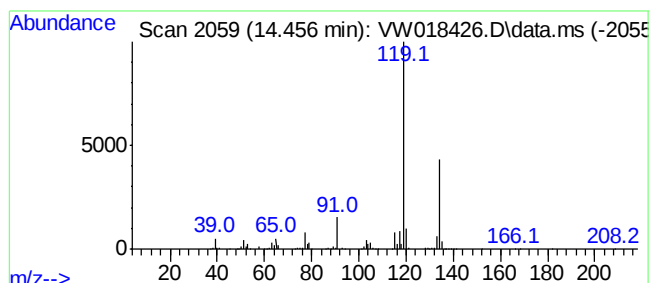
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Quant Title : VOC Analysis

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

Peak Number 60 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	21.51 ug/L	1456530	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

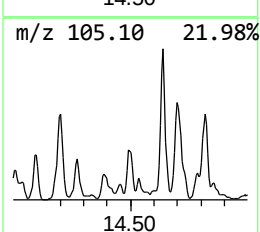
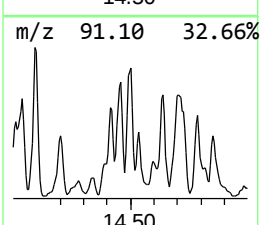
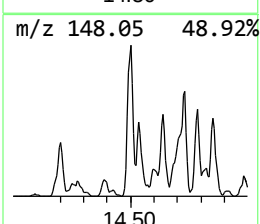
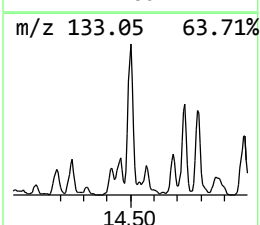
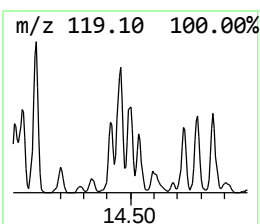
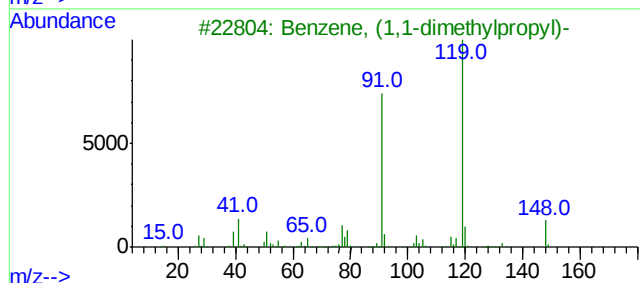
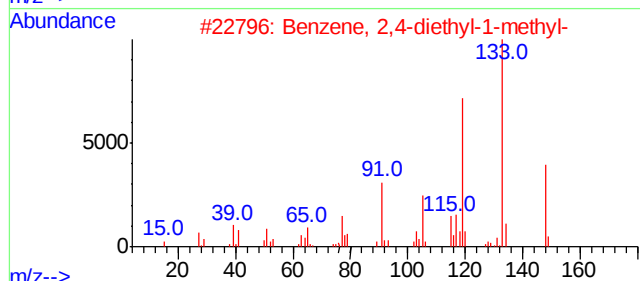
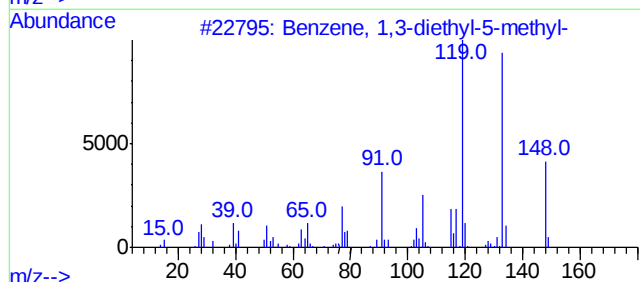
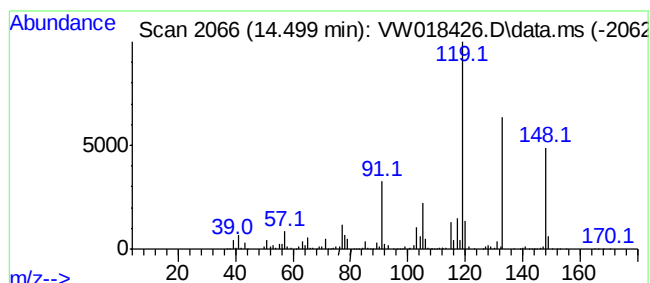
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Quant Title : VOC Analysis

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

Peak Number 61 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	21.01 ug/L	1423040	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	53
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	50
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
4		3,4-Dihydro-2-quinoxalinal	148	C8H8N2O	1000332-36-8	47
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

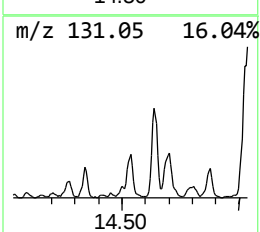
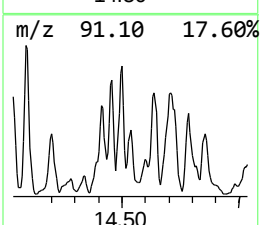
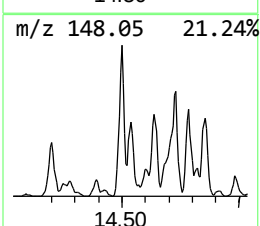
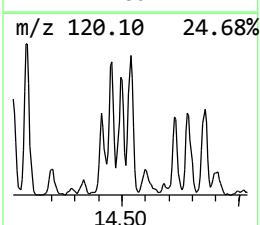
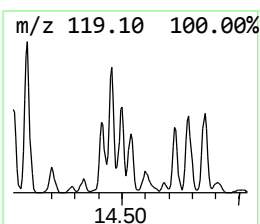
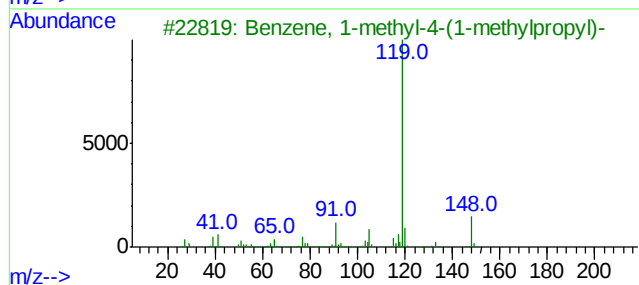
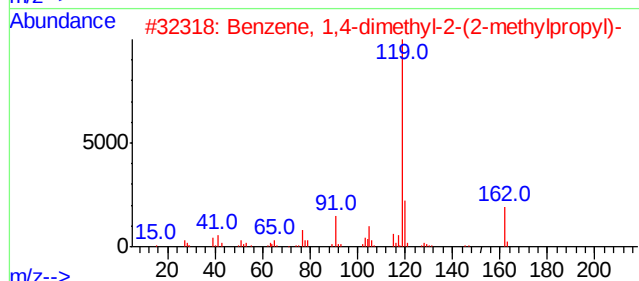
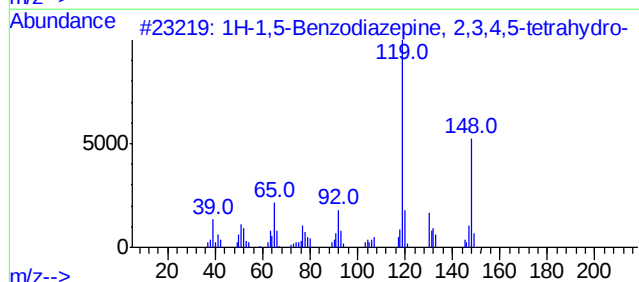
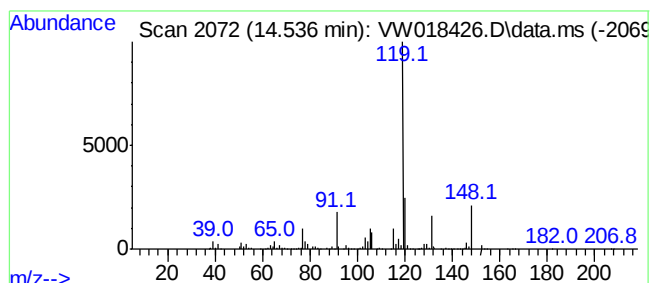
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Quant Title : VOC Analysis

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

Peak Number 62 1H-1,5-Benzodiazepine, 2,3,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.536	11.02 ug/L	746141	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	72
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	64
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	64
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	59
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

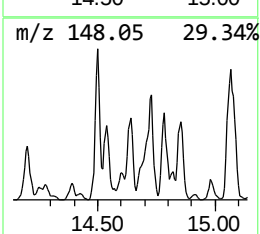
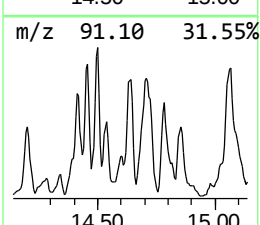
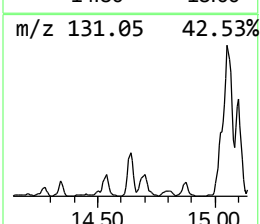
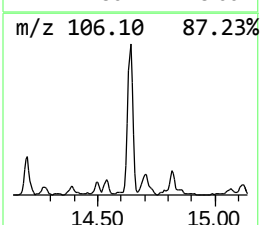
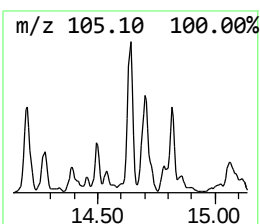
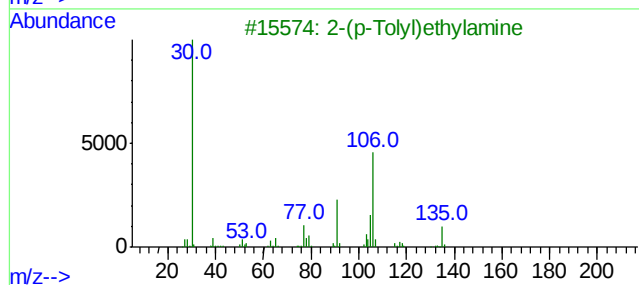
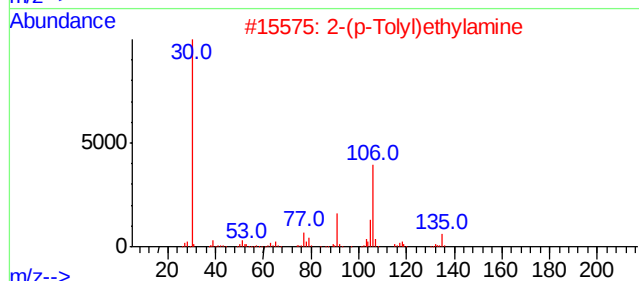
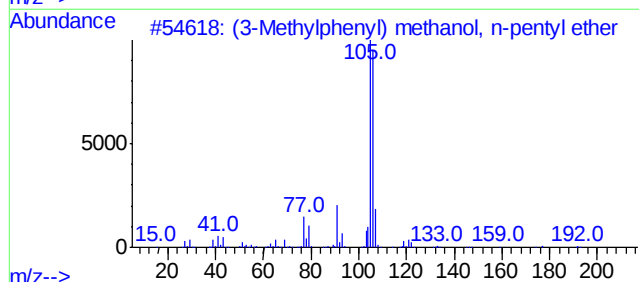
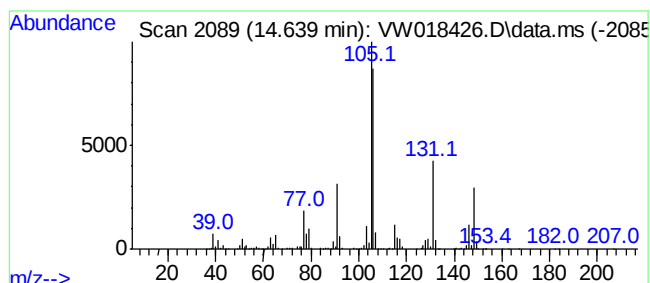
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 unknown-03

Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	13.55 ug/L	917779	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methylphenyl) methanol, n-pen...	192	C13H20O	1000374-44-0	43	
2	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	43	
3	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	43	
4	(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	37	
5	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	35	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

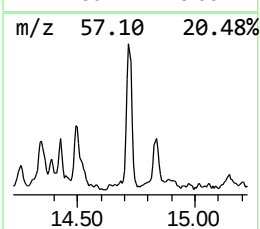
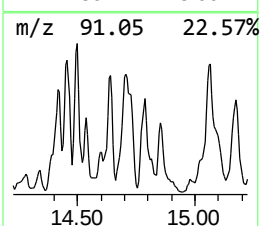
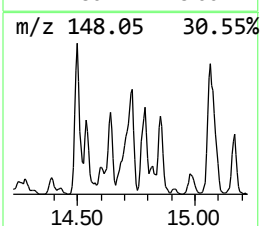
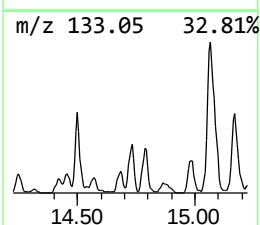
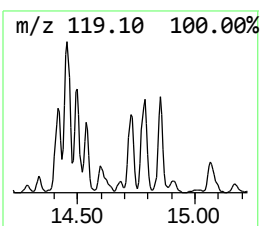
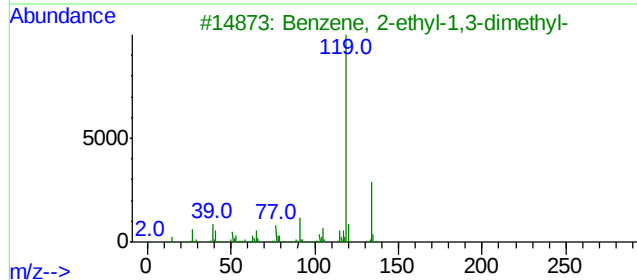
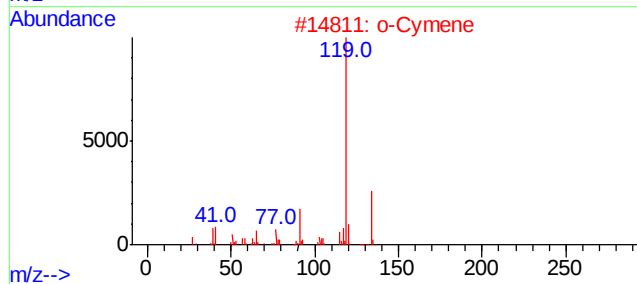
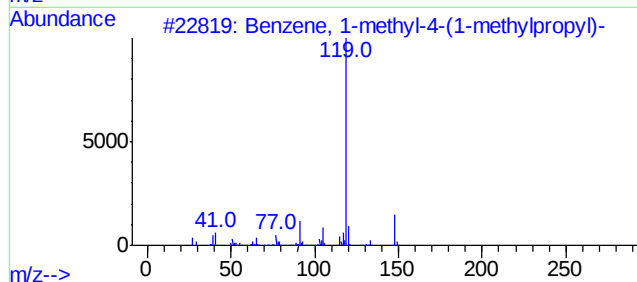
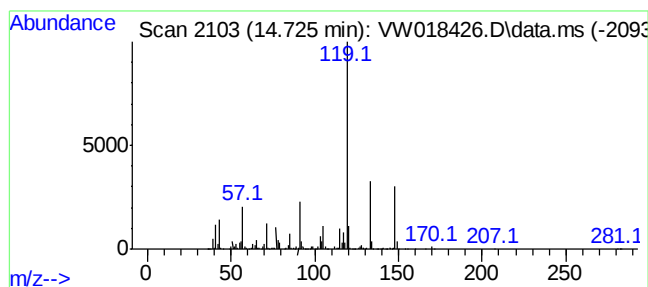
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Quant Title : VOC Analysis

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

Peak Number 65 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	32.37 ug/L	2192060	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	93
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
5	p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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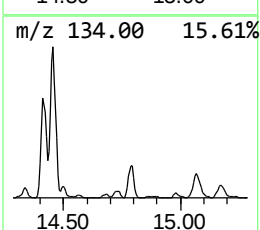
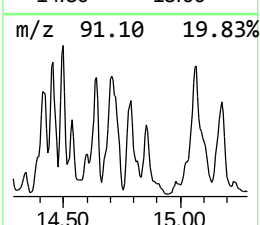
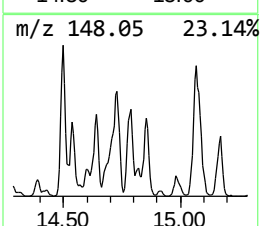
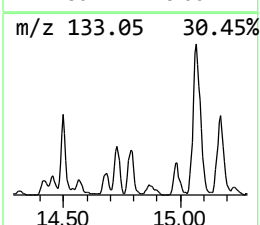
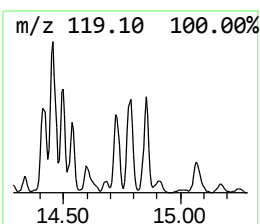
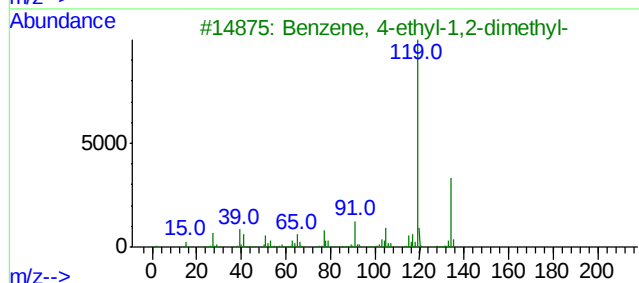
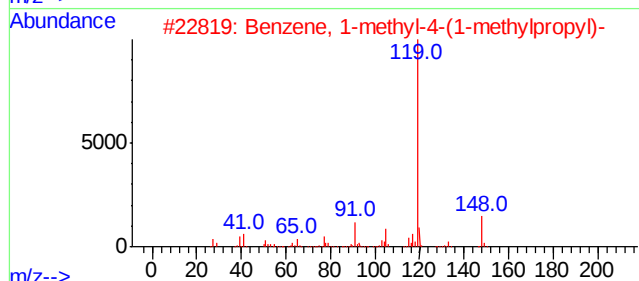
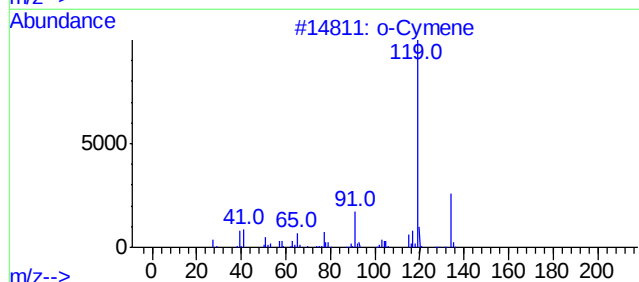
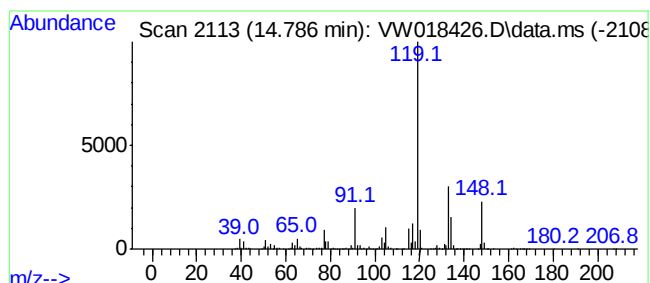
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Quant Title : VOC Analysis

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

Peak Number 66 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	19.47 ug/L	1318440	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	92
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

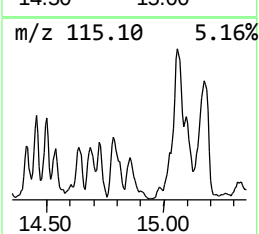
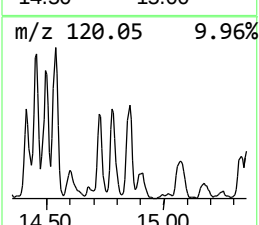
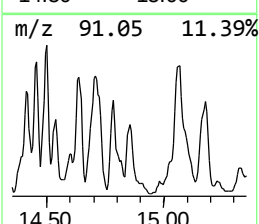
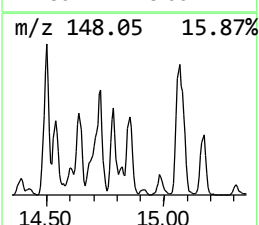
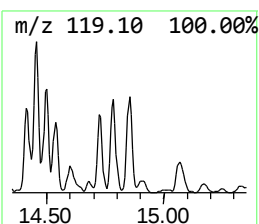
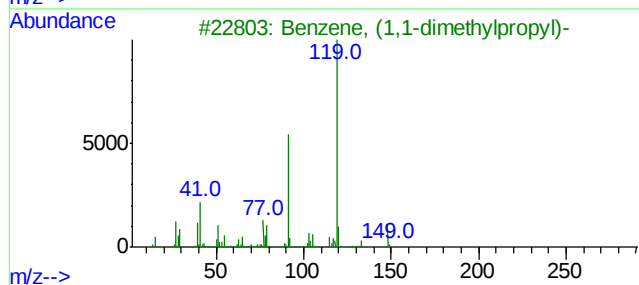
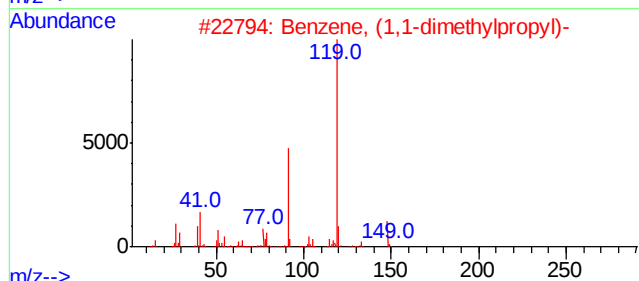
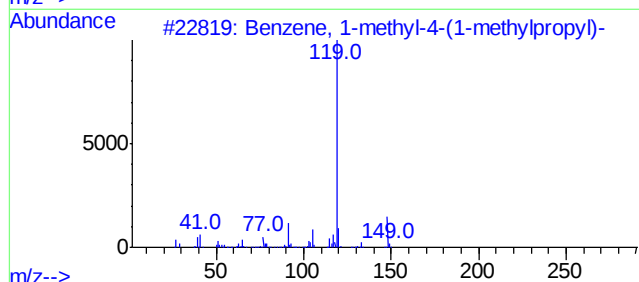
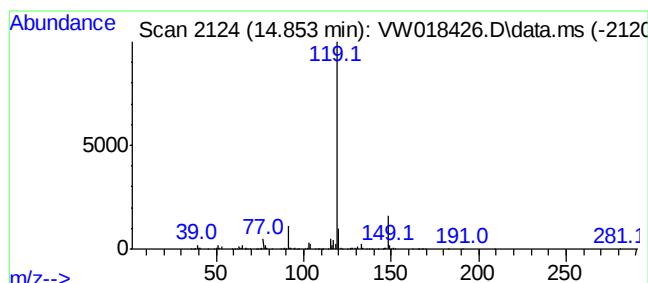
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Quant Title : VOC Analysis

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

Peak Number 67 unknown-04 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.853	11.11 ug/L	752099	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
4			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

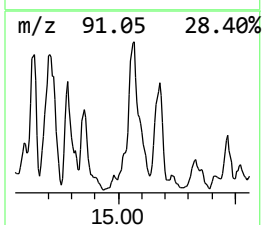
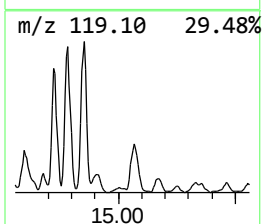
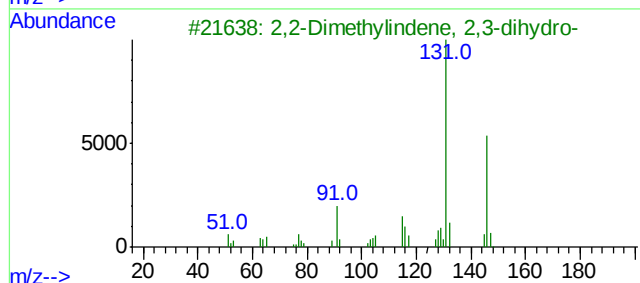
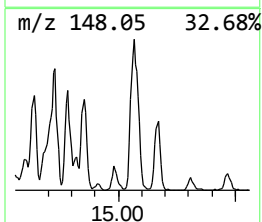
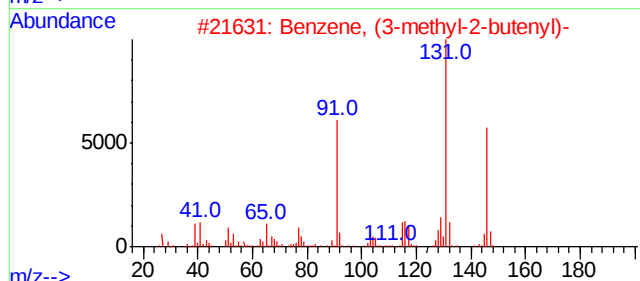
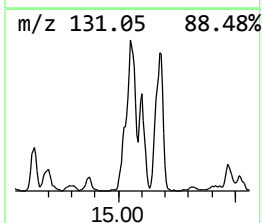
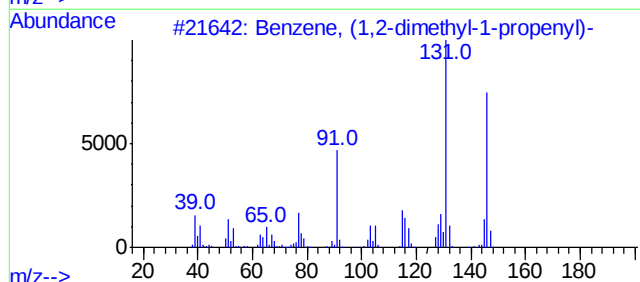
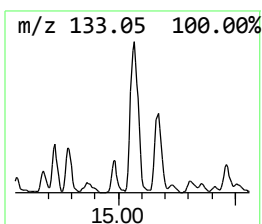
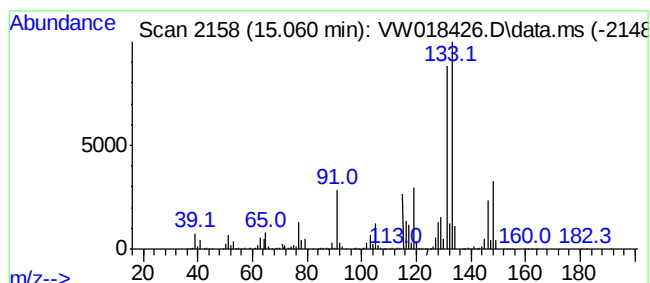
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Quant Title : VOC Analysis

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

Peak Number 69 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	58.54 ug/L	3964510	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

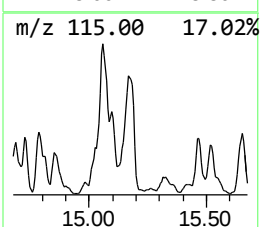
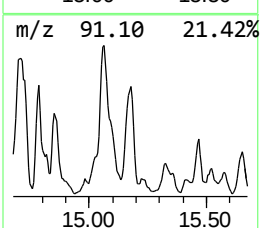
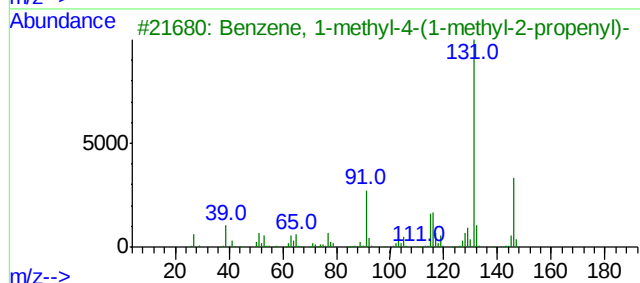
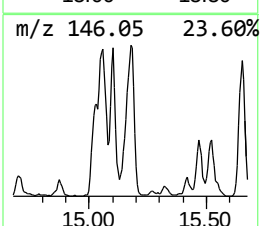
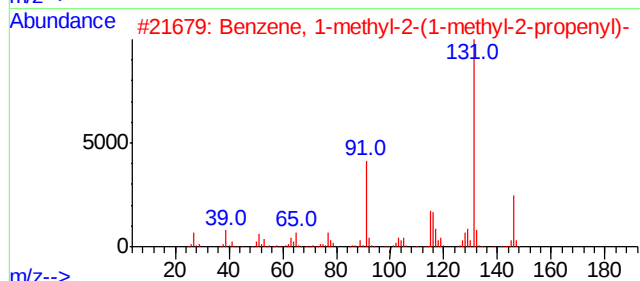
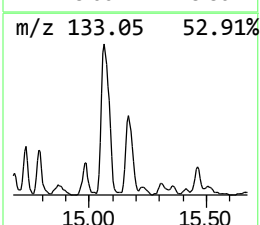
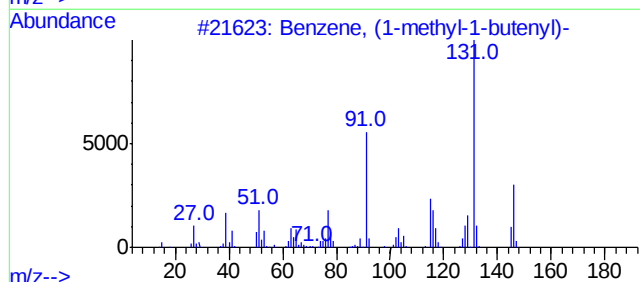
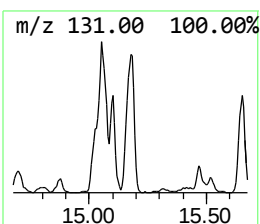
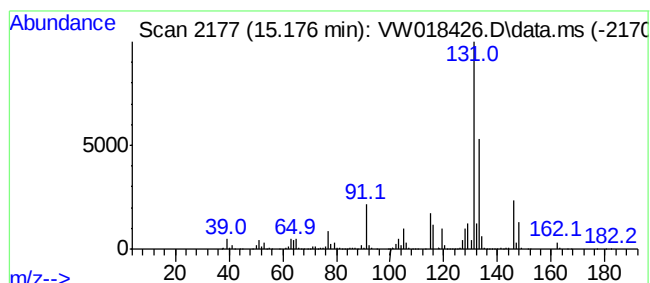
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Quant Title : VOC Analysis

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

Peak Number 70 Benzene, (1-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	27.82 ug/L	1883630	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

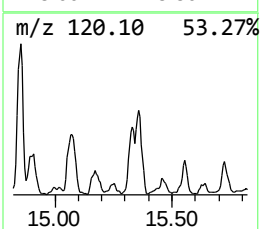
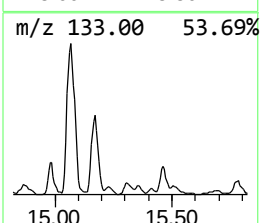
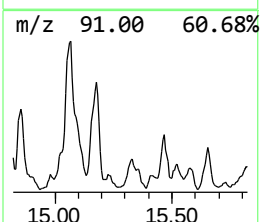
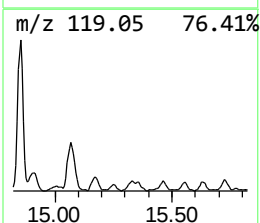
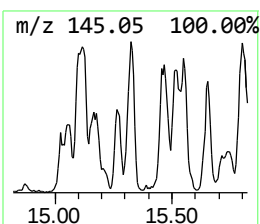
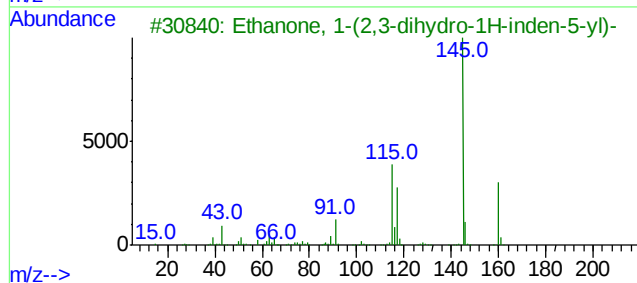
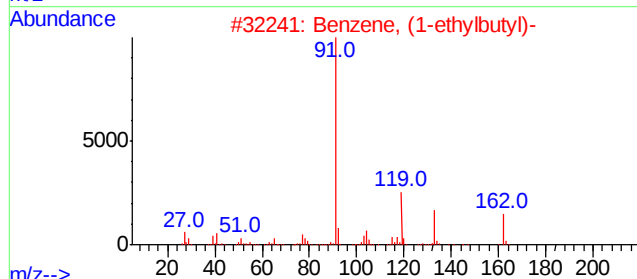
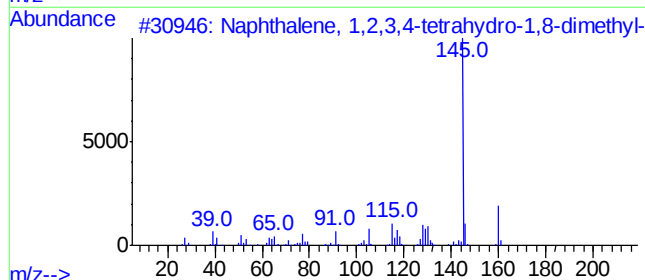
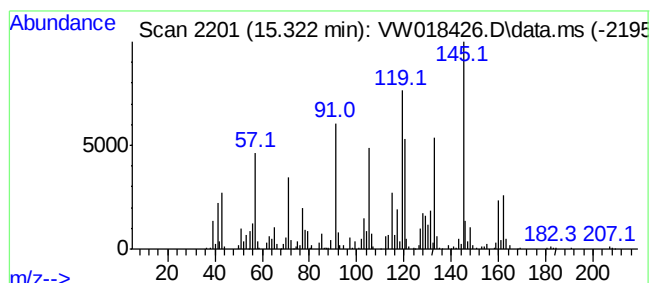
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Quant Title : VOC Analysis

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

Peak Number 71 unknown-05 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	5.45 ug/L	369074	1,4-Dichlorobenzene-d4	13.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	49
2	Benzene, (1-ethylbutyl)-	162	C12H18	004468-42-2	46
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	42
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	42
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

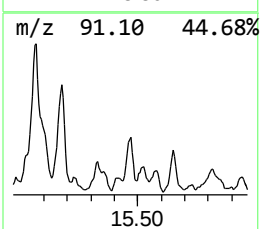
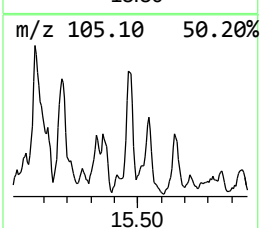
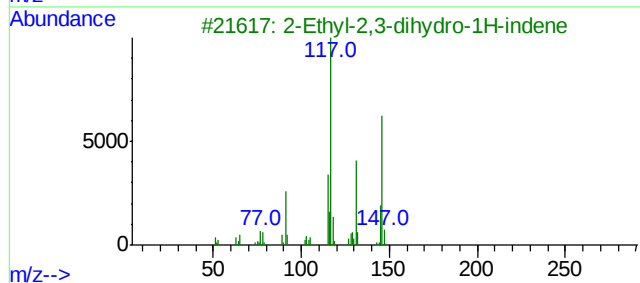
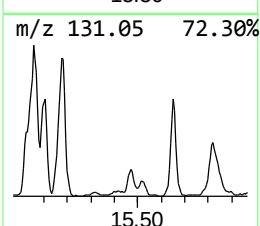
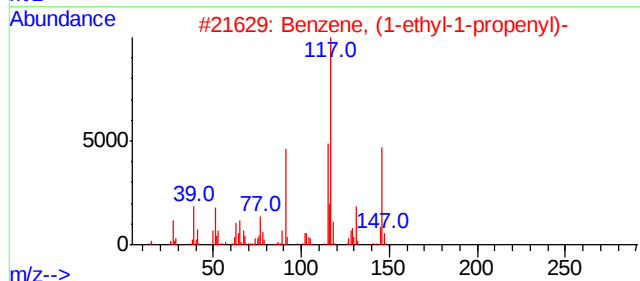
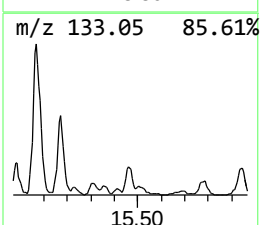
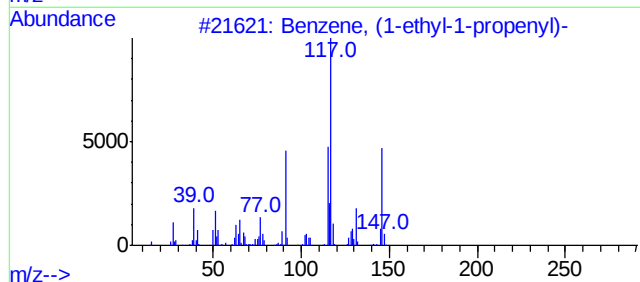
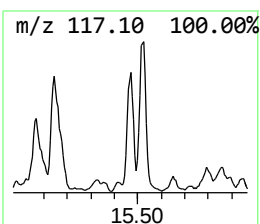
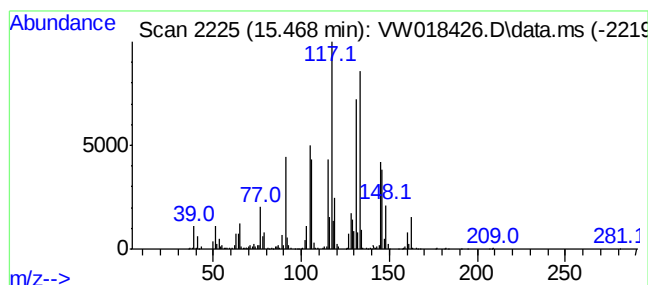
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 73 unknown-06

Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	9.12 ug/L	617586	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
2			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	42
3			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	41
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
5			Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

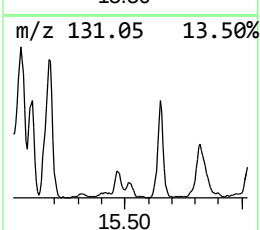
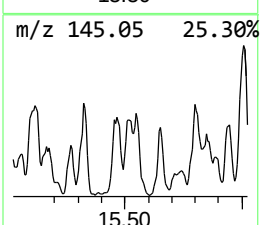
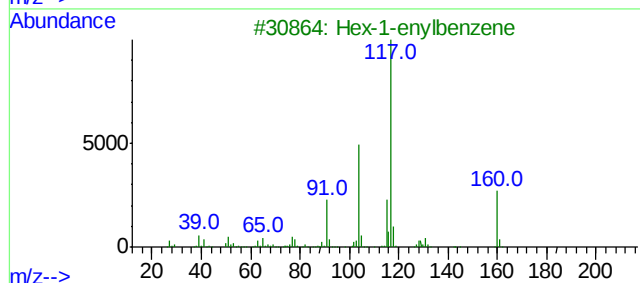
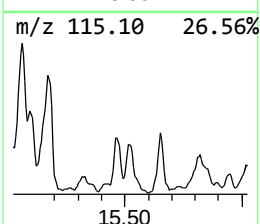
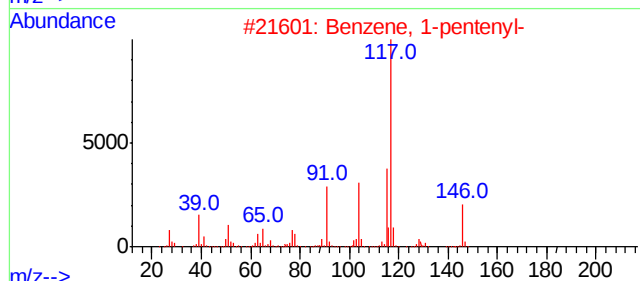
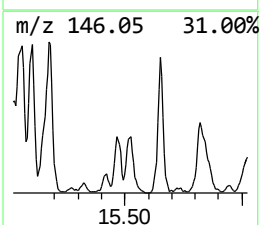
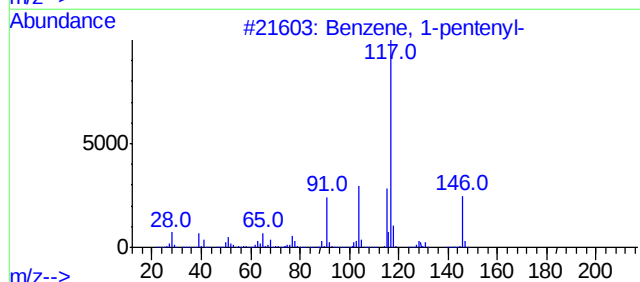
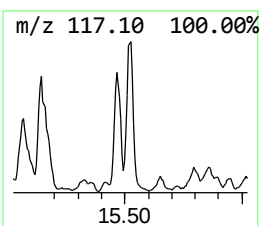
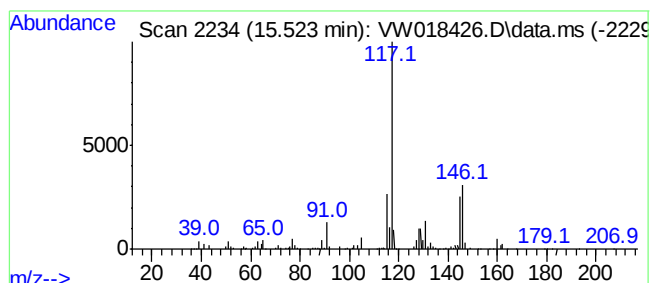
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Quant Title : VOC Analysis

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

Peak Number 74 Benzene, 1-pentenyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.523	4.12 ug/L	279267	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	64
2		Benzene, 1-pentenyl-	146	C11H14	000826-18-6	59
3		Hex-1-enylbenzene	160	C12H16	000828-15-9	53
4		1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	50
5		Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

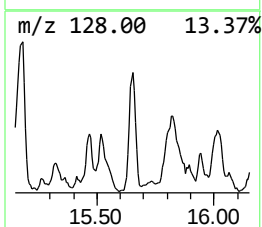
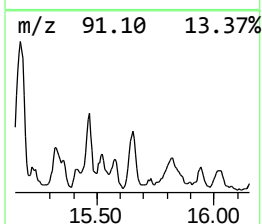
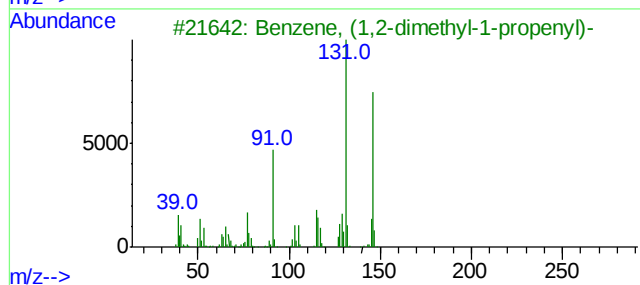
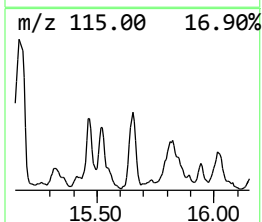
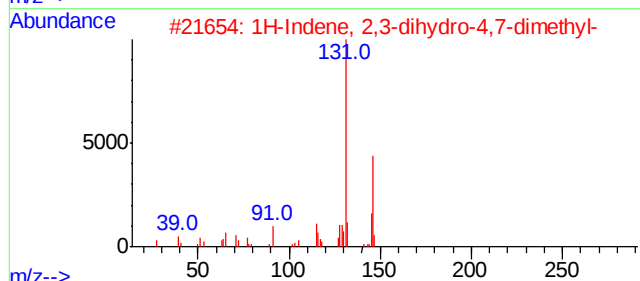
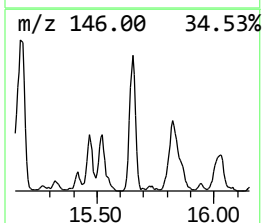
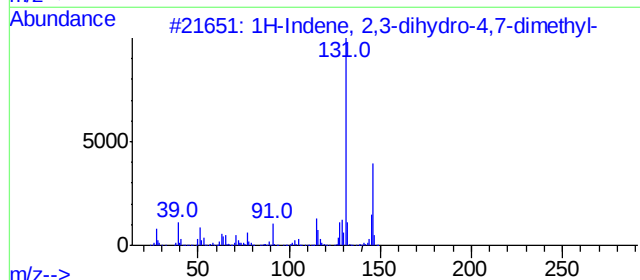
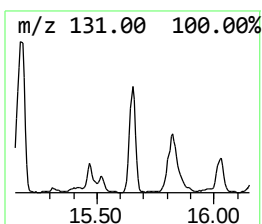
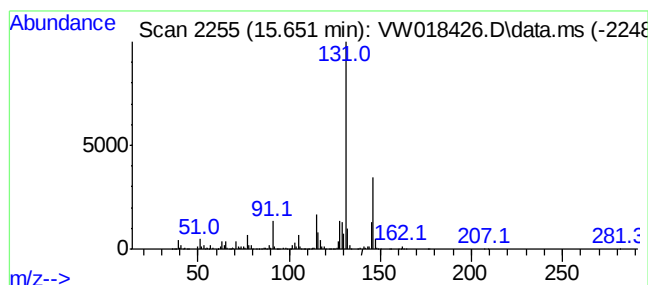
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 75 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	12.69 ug/L	859130	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

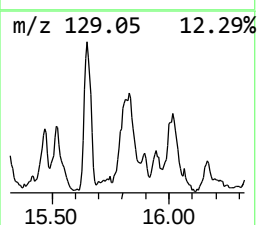
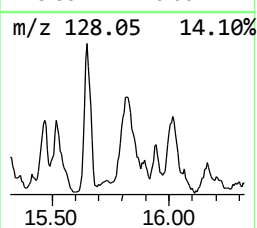
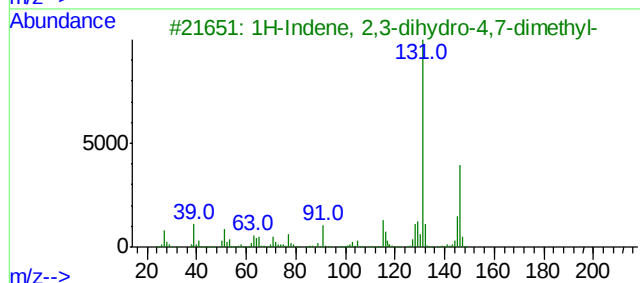
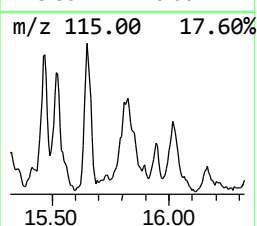
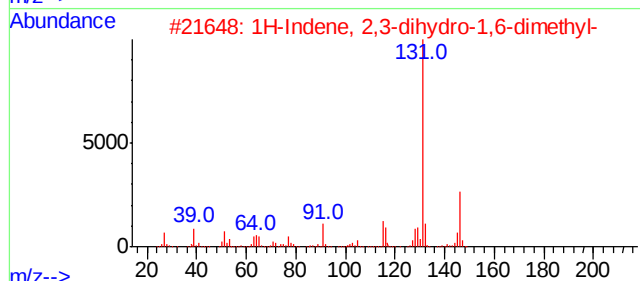
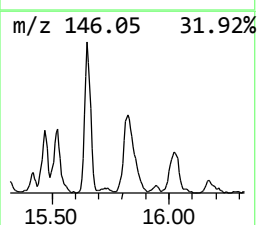
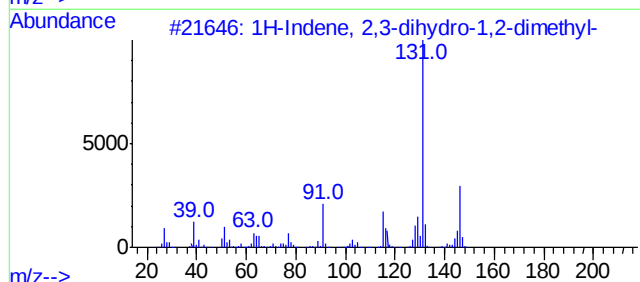
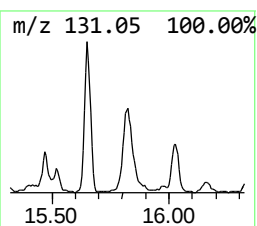
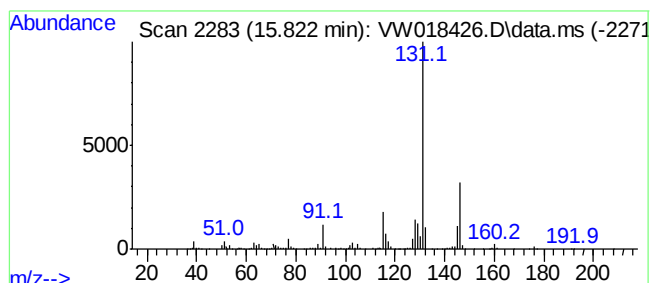
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Quant Title : VOC Analysis

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

Peak Number 76 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	12.17 ug/L	823839	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91		
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91		
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91		
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91		
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

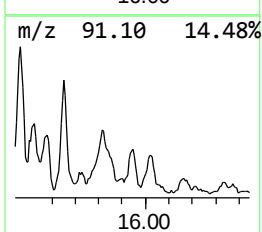
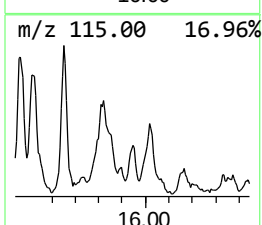
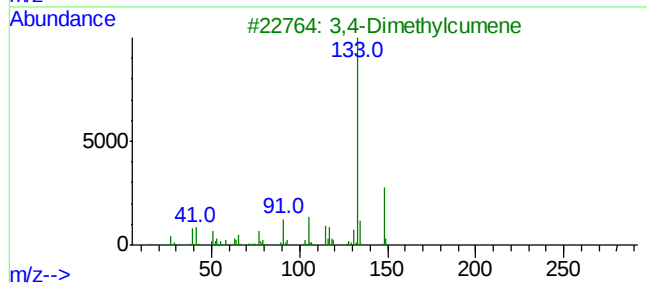
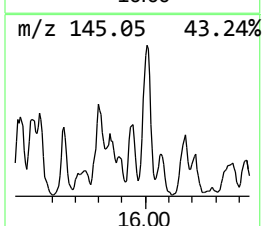
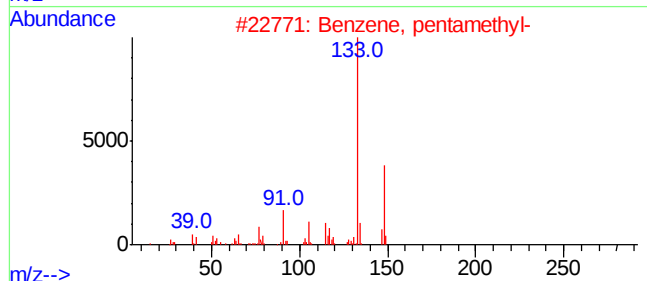
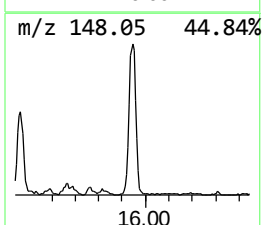
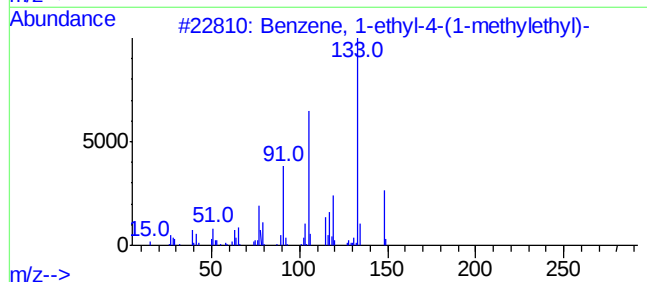
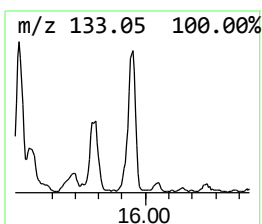
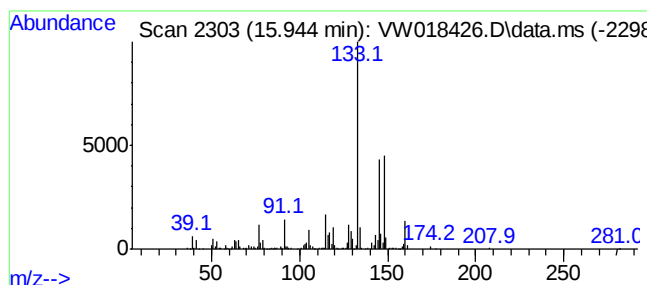
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 77 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	4.93 ug/L	333583	1,4-Dichlorobenzene-d4	13.554

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	60
3		3,4-Dimethylcumene	148	C11H16	1000370-34-1	60
4		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
Data File : VW018426.D
Acq On : 23 Mar 2021 15:05
Operator : SY/VA
Sample : M1781-04
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

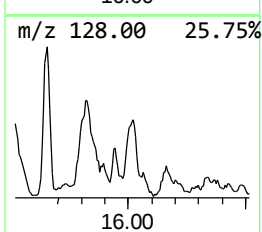
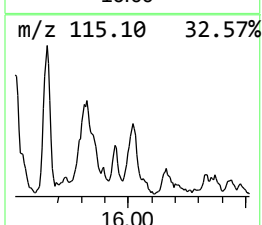
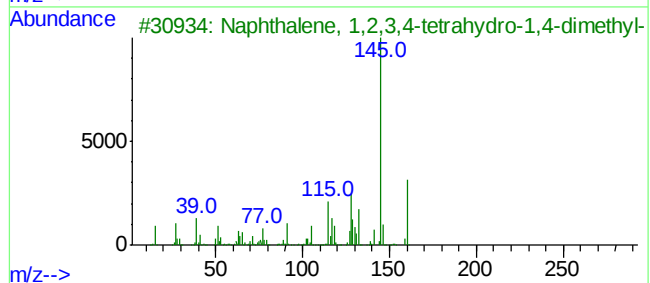
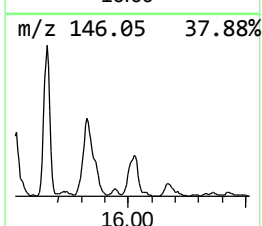
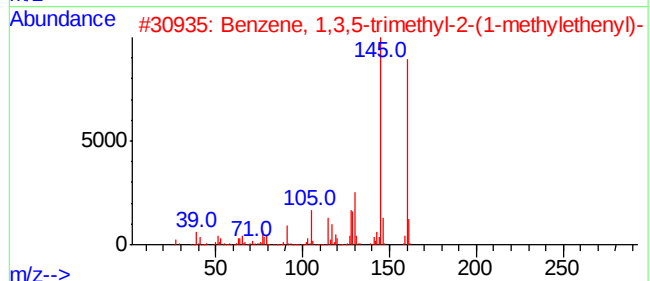
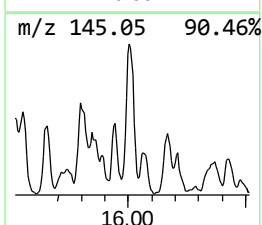
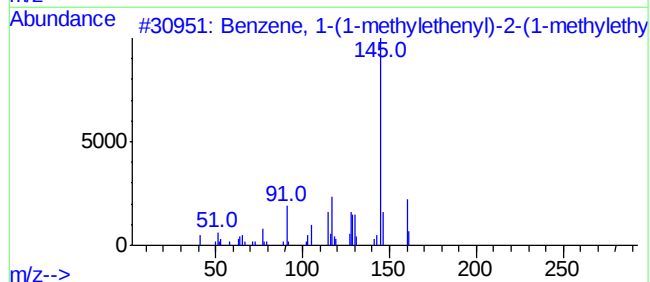
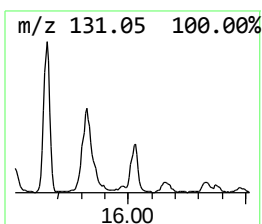
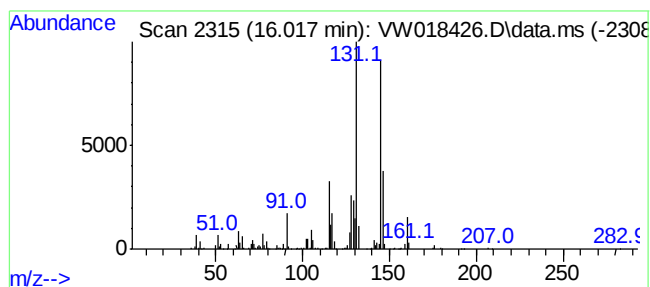
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 78 unknown-7

Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.017	9.21 ug/L	623945	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	49
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	49
4			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46
5			1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018426.D
 Acq On : 23 Mar 2021 15:05
 Operator : SY/VA
 Sample : M1781-04
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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: S...	6.878	2.8	ug/L	141796	1	8.841	1256660	25.0
(DEL) Alkane: S...	7.927	12.4	ug/L	623000	1	8.841	1256660	25.0
(DEL) Alkane: S...	8.037	7.3	ug/L	366749	1	8.841	1256660	25.0
(DEL) Alkane: S...	8.159	15.4	ug/L	774376	1	8.841	1256660	25.0
(DEL) Alkane: S...	8.482	20.8	ug/L	1046070	1	8.841	1256660	25.0
(DEL) Alkane: S...	8.695	14.3	ug/L	720873	1	8.841	1256660	25.0
(DEL) Alkane: C...	9.610	6.0	ug/L	299047	1	8.841	1256660	25.0
(DEL) Alkane: S...	9.756	21.3	ug/L	1071990	1	8.841	1256660	25.0
(DEL) Alkane: S...	9.896	30.1	ug/L	1511200	1	8.841	1256660	25.0
(DEL) Alkane: S...	9.957	28.4	ug/L	1430110	1	8.841	1256660	25.0
(DEL) Alkane: S...	10.097	45.8	ug/L	2303250	1	8.841	1256660	25.0
(DEL) Alkane: S...	10.250	10.1	ug/L	741710	2	11.628	1836280	25.0
(DEL) Alkane: C...	10.445	3.4	ug/L	251638	2	11.628	1836280	25.0
(DEL) Alkane: S...	10.506	27.1	ug/L	1989410	2	11.628	1836280	25.0
(DEL) Alkane: C...	10.671	1.8	ug/L	131431	2	11.628	1836280	25.0
(DEL) Alkane: C...	10.768	7.5	ug/L	547982	2	11.628	1836280	25.0
(DEL) Alkane: S...	10.847	5.4	ug/L	399354	2	11.628	1836280	25.0
(DEL) Alkane: S...	11.036	10.8	ug/L	795511	2	11.628	1836280	25.0
(DEL) Alkane: C...	11.109	2.4	ug/L	173136	2	11.628	1836280	25.0
(DEL) Alkane: C...	11.231	4.2	ug/L	305062	2	11.628	1836280	25.0
(DEL) Alkane: S...	11.341	5.3	ug/L	387629	2	11.628	1836280	25.0
(DEL) Alkane: S...	11.408	35.6	ug/L	2616180	2	11.628	1836280	25.0
(DEL) Alkane: S...	11.512	20.5	ug/L	1505010	2	11.628	1836280	25.0
(DEL) Alkane: S...	11.695	1.7	ug/L	126898	2	11.628	1836280	25.0
(DEL) Alkane: S...	11.731	1.6	ug/L	114834	2	11.628	1836280	25.0
(DEL) Alkane: S...	11.841	23.0	ug/L	1689190	2	11.628	1836280	25.0
(DEL) Alkane: C...	11.920	2.9	ug/L	210731	2	11.628	1836280	25.0
(DEL) Alkane: S...	12.067	3.4	ug/L	251771	2	11.628	1836280	25.0
(DEL) Alkane: S...	12.134	7.3	ug/L	539198	2	11.628	1836280	25.0
(DEL) Alkane: S...	12.249	5.1	ug/L	374430	2	11.628	1836280	25.0
Pentalene, octa...	12.335	6.3	ug/L	464803	2	11.628	1836280	25.0
(DEL) Alkane: S...	12.506	8.4	ug/L	615722	2	11.628	1836280	25.0
(DEL) Alkane: S...	12.542	1.9	ug/L	140577	2	11.628	1836280	25.0
(DEL) Alkane: S...	12.567	2.1	ug/L	153017	2	11.628	1836280	25.0
(DEL) Alkane: S...	12.755	1.4	ug/L	95855	3	13.554	1692940	25.0
(DEL) Alkane: S...	12.926	18.8	ug/L	1273080	3	13.554	1692940	25.0
(DEL) Alkane: S...	12.993	2.5	ug/L	170706	3	13.554	1692940	25.0
(DEL) Alkane: S...	13.073	1.9	ug/L	127885	3	13.554	1692940	25.0
(DEL) Alkane: S...	13.127	3.1	ug/L	207770	3	13.554	1692940	25.0
(DEL) Alkane: S...	13.164	3.0	ug/L	205366	3	13.554	1692940	25.0
(DEL) Alkane: S...	13.292	2.4	ug/L	162576	3	13.554	1692940	25.0
Benzene, (2-met...	13.371	4.5	ug/L	307081	3	13.554	1692940	25.0
Benzene, 1-meth...	13.438	5.8	ug/L	393076	3	13.554	1692940	25.0
(DEL) Alkane: S...	13.487	4.8	ug/L	322662	3	13.554	1692940	25.0
(DEL) Alkane: S...	13.621	4.4	ug/L	298469	3	13.554	1692940	25.0
Benzene, 1,4-di...	13.719	10.4	ug/L	707208	3	13.554	1692940	25.0
Benzene, 1-meth...	13.749	27.9	ug/L	1885710	3	13.554	1692940	25.0
Benzene, 1,2-di...	13.792	46.5	ug/L	3146770	3	13.554	1692940	25.0
Benzene, 1-meth...	13.950	7.8	ug/L	525394	3	13.554	1692940	25.0
o-Cymene	14.011	12.4	ug/L	842216	3	13.554	1692940	25.0
p-Cymene	14.036	18.8	ug/L	1272270	3	13.554	1692940	25.0
Benzene, 2-ethy...	14.097	27.9	ug/L	1888520	3	13.554	1692940	25.0
Benzene, 1,3-di...	14.200	11.6	ug/L	783458	3	13.554	1692940	25.0

unknown-01	14.274	5.8	ug/L	393332	3	13.554	1692940	25.0
unknown-02	14.341	3.5	ug/L	235057	3	13.554	1692940	25.0
Benzene, 1,2,4,...	14.414	19.1	ug/L	1292340	3	13.554	1692940	25.0
Benzene, 1-ethy...	14.456	21.5	ug/L	1456530	3	13.554	1692940	25.0
Benzene, 2,4-di...	14.499	21.0	ug/L	1423040	3	13.554	1692940	25.0
1H-1,5-Benzodia...	14.536	11.0	ug/L	746141	3	13.554	1692940	25.0
unknown-03	14.639	13.6	ug/L	917779	3	13.554	1692940	25.0
Benzene, 2-ethy...	14.725	32.4	ug/L	2192060	3	13.554	1692940	25.0
Benzene, 4-ethy...	14.786	19.5	ug/L	1318440	3	13.554	1692940	25.0
unknown-04	14.853	11.1	ug/L	752099	3	13.554	1692940	25.0
Benzene, (1,2-d...	15.060	58.5	ug/L	3964510	3	13.554	1692940	25.0
Benzene, (1-met...	15.176	27.8	ug/L	1883630	3	13.554	1692940	25.0
unknown-05	15.322	5.5	ug/L	369074	3	13.554	1692940	25.0
unknown-06	15.468	9.1	ug/L	617586	3	13.554	1692940	25.0
Benzene, 1-pent...	15.523	4.1	ug/L	279267	3	13.554	1692940	25.0
1H-Indene, 2,3-...	15.651	12.7	ug/L	859130	3	13.554	1692940	25.0
1H-Indene, 2,3-...	15.822	12.2	ug/L	823839	3	13.554	1692940	25.0
Benzene, 1-ethy...	15.944	4.9	ug/L	333583	3	13.554	1692940	25.0
unknown-7	16.017	9.2	ug/L	623945	3	13.554	1692940	25.0

Instrument :
MSVOA_W
ClientSampleId :
BG4F2