

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014668.D
 Acq On : 16 Jan 2020 13:09
 Operator : SY/VA
 Sample : L1118-10
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASK1

Integration Parameters: LSCINT.P

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

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

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.953	6	8	15	rVB3	3820	6682	0.18%	0.039%
2	2.160	38	42	45	rBV	4458	7100	0.19%	0.041%
3	2.215	46	51	53	rBV5	5624	9701	0.26%	0.056%
4	2.349	68	73	80	rBV	41163	65494	1.73%	0.378%
5	2.879	156	160	173	rVB	30816	62863	1.66%	0.363%
6	3.251	219	221	224	rVB4	1325	1277	0.03%	0.007%
7	3.410	245	247	252	rVB4	879	1070	0.03%	0.006%
8	3.483	258	259	261	rBV2	821	616	0.02%	0.004%
9	3.672	287	290	291	rBV2	836	755	0.02%	0.004%
10	3.739	300	301	305	rVB3	875	1113	0.03%	0.006%
11	3.776	305	307	309	rBV2	1022	740	0.02%	0.004%
12	3.806	309	312	315	rVB3	567	687	0.02%	0.004%
13	3.904	324	328	329	rVV3	517	659	0.02%	0.004%
14	3.916	329	330	334	rVV3	593	776	0.02%	0.004%
15	4.013	336	346	356	rVV	62259	166831	4.41%	0.964%
16	4.135	360	366	372	rVV4	2862	8751	0.23%	0.051%
17	4.202	375	377	379	rVV	736	673	0.02%	0.004%
18	4.269	383	388	389	rBV3	811	791	0.02%	0.005%
19	4.422	412	413	416	rBV2	554	658	0.02%	0.004%
20	4.696	456	458	461	rBV	638	607	0.02%	0.004%
21	4.909	482	493	506	rVB3	8397	27414	0.72%	0.158%
22	5.019	506	511	513	rBV3	659	1261	0.03%	0.007%
23	5.123	525	528	529	rBV2	662	638	0.02%	0.004%
24	5.141	529	531	533	rVV2	998	615	0.02%	0.004%
25	5.391	567	572	577	rBV3	731	1246	0.03%	0.007%
26	5.684	619	620	623	rVB2	932	602	0.02%	0.003%
27	5.769	630	634	640	rBV4	534	1437	0.04%	0.008%
28	5.928	653	660	662	rBV5	1562	2746	0.07%	0.016%
29	6.366	728	732	735	rVB2	512	755	0.02%	0.004%
30	6.714	788	789	794	rVB	599	696	0.02%	0.004%
31	6.812	804	805	808	rBV2	738	660	0.02%	0.004%
32	6.842	808	810	815	rVB3	466	719	0.02%	0.004%
33	6.933	819	825	826	rBV2	681	1316	0.03%	0.008%
34	7.086	839	850	851	rBV	19815	42000	1.11%	0.243%

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 Title : VOC Analysis

35	7.238	873	875	877	rVB3	1170	787	0.02%	0.005%
36	7.391	898	900	903	rBV3	934	902	0.02%	0.005%
37	7.647	932	942	951	rBV	73937	187076	4.94%	1.080%
38	7.805	965	968	972	rVB4	816	976	0.03%	0.006%
39	7.939	988	990	991	rBV2	704	649	0.02%	0.004%
40	8.195	1029	1032	1035	rBV3	548	693	0.02%	0.004%
41	8.275	1035	1045	1062	rBV2	150628	458717	12.12%	2.649%
42	8.439	1070	1072	1074	rVV3	1103	1075	0.03%	0.006%
43	8.476	1076	1078	1079	rVV2	987	705	0.02%	0.004%
44	8.567	1091	1093	1096	rBV4	768	677	0.02%	0.004%
45	8.750	1121	1123	1126	rVB2	683	689	0.02%	0.004%
46	8.787	1126	1129	1130	rBV	899	958	0.03%	0.006%
47	8.842	1130	1138	1146	rVV	147622	295746	7.81%	1.708%
48	9.079	1175	1177	1180	rVB2	679	631	0.02%	0.004%
49	9.159	1187	1190	1193	rVB3	893	1181	0.03%	0.007%
50	9.274	1199	1209	1218	rBV	105431	219745	5.80%	1.269%
51	9.433	1232	1235	1238	rBV2	760	1287	0.03%	0.007%
52	9.579	1256	1259	1260	rVV	991	640	0.02%	0.004%
53	9.628	1265	1267	1269	rVB2	905	797	0.02%	0.005%
54	9.671	1269	1274	1275	rVB	1262	900	0.02%	0.005%
55	9.689	1275	1277	1280	rBV2	600	685	0.02%	0.004%
56	9.811	1294	1297	1299	rVB	725	684	0.02%	0.004%
57	9.927	1314	1316	1320	rVB	971	1174	0.03%	0.007%
58	10.037	1323	1334	1342	rBV	51840	96794	2.56%	0.559%
59	10.146	1349	1352	1354	rBV3	717	799	0.02%	0.005%
60	10.171	1354	1356	1358	rVB3	875	613	0.02%	0.004%
61	10.213	1358	1363	1366	rBV6	1326	2126	0.06%	0.012%
62	10.323	1374	1381	1389	rBV	184818	326311	8.62%	1.885%
63	10.384	1389	1391	1396	rVB5	2221	3462	0.09%	0.020%
64	10.463	1402	1404	1408	rVB4	756	697	0.02%	0.004%
65	10.518	1411	1413	1415	rBV2	857	638	0.02%	0.004%
66	10.579	1415	1423	1434	rVV2	33769	63987	1.69%	0.370%
67	10.701	1436	1443	1451	rVV	12620	25546	0.67%	0.148%
68	10.768	1451	1454	1456	rVV2	733	788	0.02%	0.005%
69	10.793	1456	1458	1462	rVB3	725	867	0.02%	0.005%
70	10.841	1462	1466	1468	rBV3	694	934	0.02%	0.005%
71	10.927	1473	1480	1489	rBV	60780	111623	2.95%	0.645%

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72	11.061	1497	1502	1509	rVB	15035	25388	0.67%	0.147%
73	11.164	1517	1519	1521	rBV3	1154	1165	0.03%	0.007%
74	11.250	1530	1533	1534	rBV3	1143	919	0.02%	0.005%
75	11.274	1534	1537	1538	rBV2	1614	1675	0.04%	0.010%
76	11.628	1587	1595	1605	rBV	205557	363860	9.61%	2.101%
77	11.737	1611	1613	1615	rVB3	1088	763	0.02%	0.004%
78	11.829	1624	1628	1633	rBV6	1867	3680	0.10%	0.021%
79	11.872	1633	1635	1638	rBV3	1013	767	0.02%	0.004%
80	11.963	1648	1650	1651	rBV2	1060	798	0.02%	0.005%
81	12.103	1671	1673	1674	rBV2	737	714	0.02%	0.004%
82	12.134	1674	1678	1681	rVV4	1018	1884	0.05%	0.011%
83	12.292	1700	1704	1706	rBV4	1205	1339	0.04%	0.008%
84	12.365	1707	1716	1720	rBV3	12963	24308	0.64%	0.140%
85	12.560	1746	1748	1750	rBV3	1153	727	0.02%	0.004%
86	12.609	1750	1756	1761	rVB	19748	31917	0.84%	0.184%
87	12.695	1763	1770	1776	rBV	110115	187022	4.94%	1.080%
88	12.780	1776	1784	1788	rBV8	10097	21079	0.56%	0.122%
89	12.865	1789	1798	1803	rBV10	20348	66086	1.75%	0.382%
90	13.188	1843	1851	1853	rBV9	10224	24730	0.65%	0.143%
91	13.298	1859	1869	1875	rBV9	52892	187461	4.95%	1.083%
92	13.560	1906	1912	1918	rVB	176436	309080	8.16%	1.785%
93	13.627	1919	1923	1928	rBV6	15708	37595	0.99%	0.217%
94	13.694	1931	1934	1938	rVB5	36674	49205	1.30%	0.284%
95	13.865	1955	1962	1968	rBV2	207231	580318	15.33%	3.352%
96	14.725	2099	2103	2111	rVB	1004147	1520975	40.18%	8.784%
97	14.841	2118	2122	2128	rVB	1364201	2174224	57.43%	12.557%
98	15.328	2197	2202	2208	rVB	2170872	3552737	93.85%	20.519%
99	15.554	2235	2239	2248	rVB2	2245567	3785569	100.00%	21.863%
100	15.731	2264	2268	2278	rVB4	1053510	2126206	56.17%	12.280%

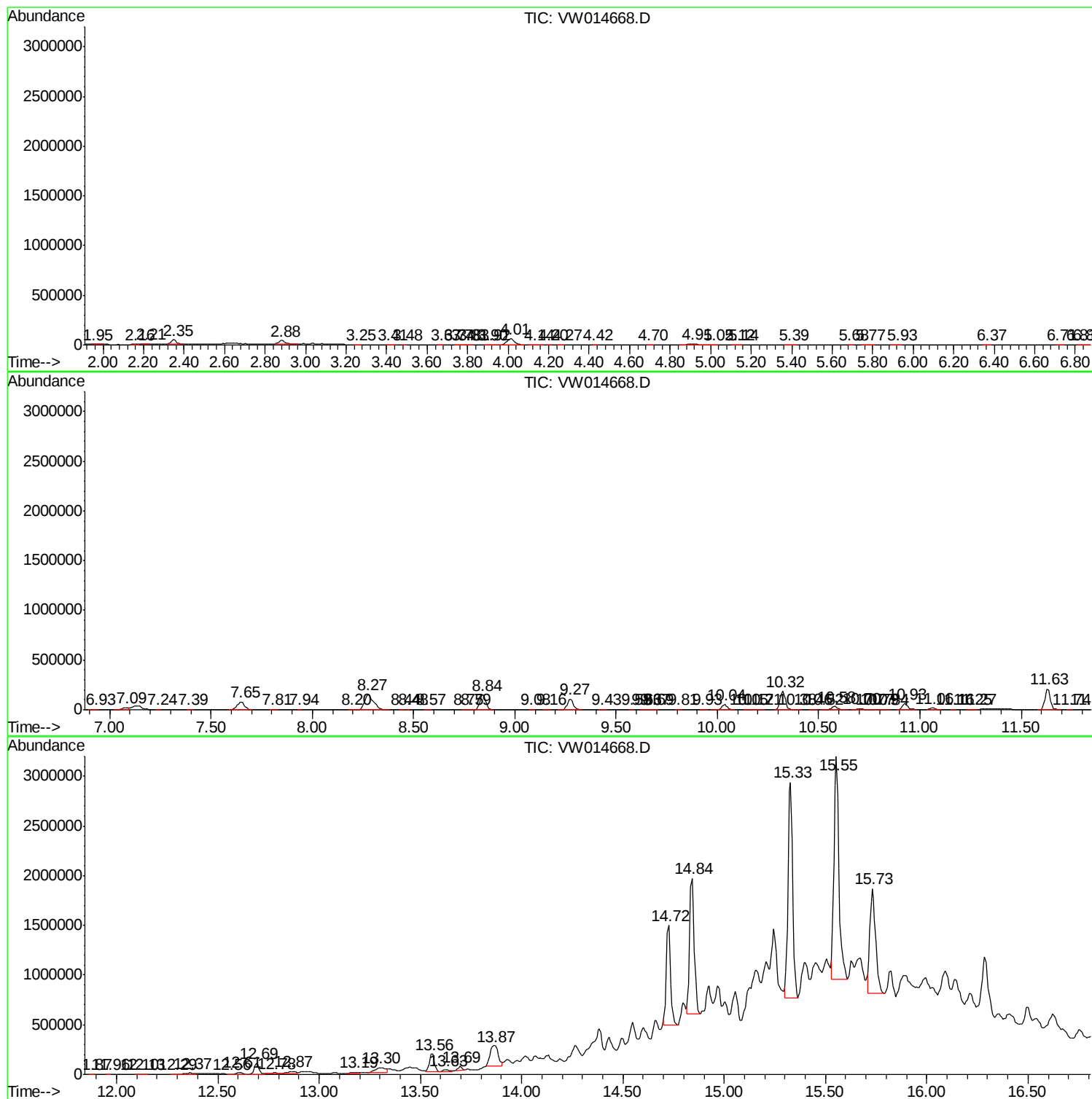
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
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Instrument :
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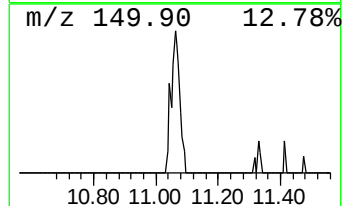
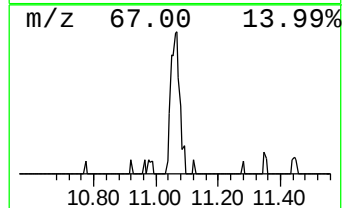
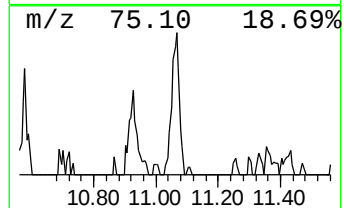
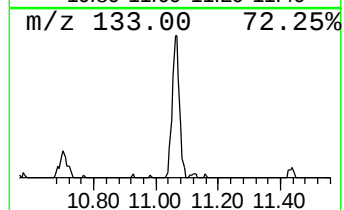
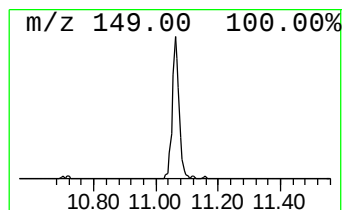
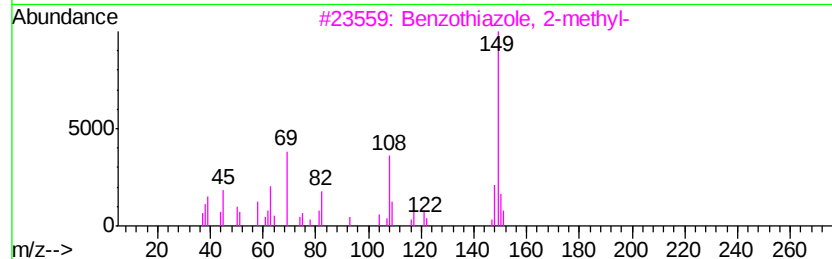
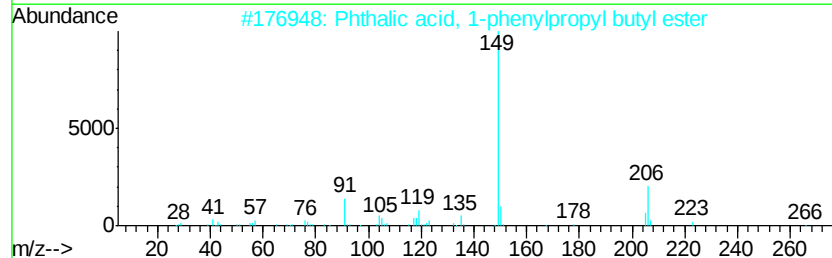
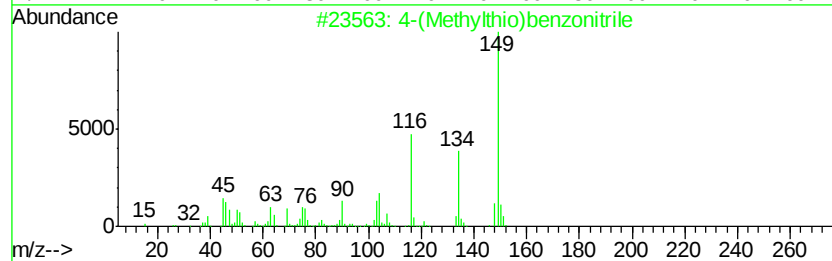
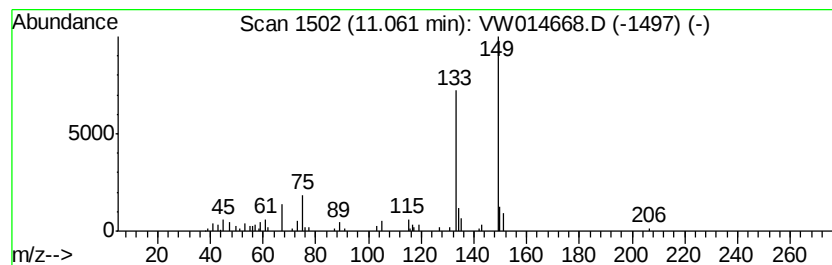
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 3 4-(Methylthio)benzonitrile Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	1.74 ug/L	25388	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	50
2		Phthalic acid, 1-phenylpropyl bu...	340	C21H24O4	1000315-16-3	43
3		Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	38
4		Formamide, N-ethyl-N-phenyl-	149	C9H11NO	005461-49-4	38
5		Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	38



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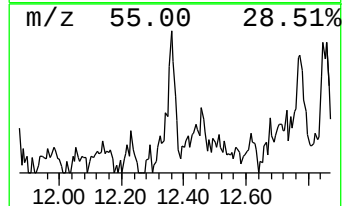
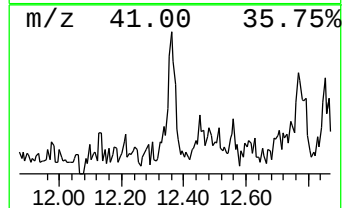
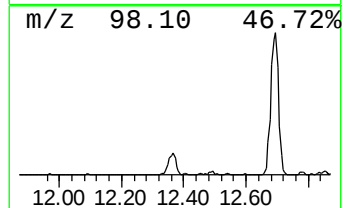
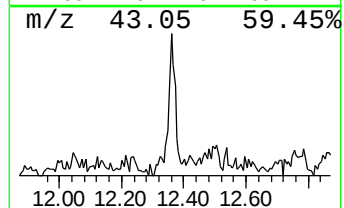
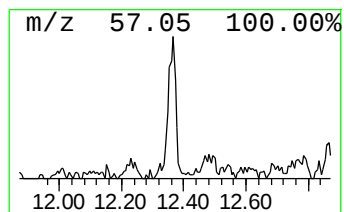
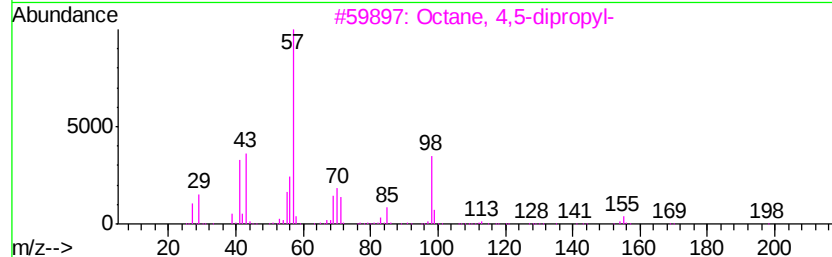
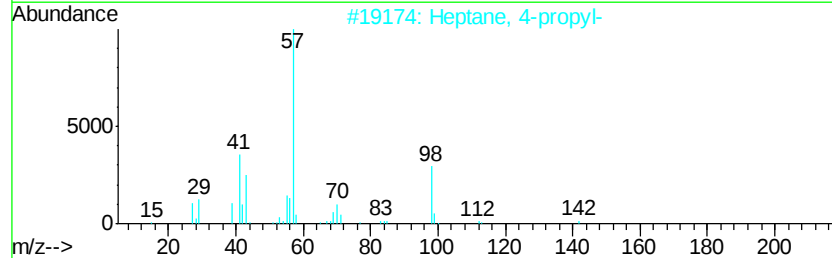
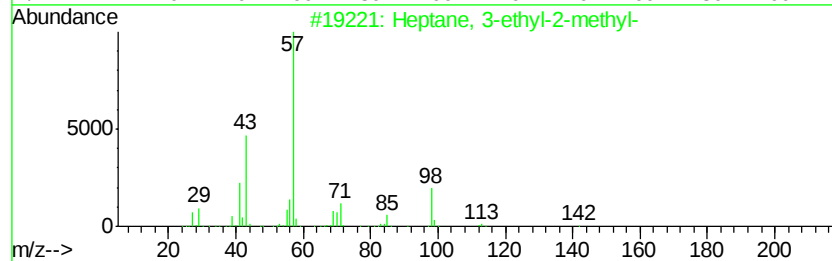
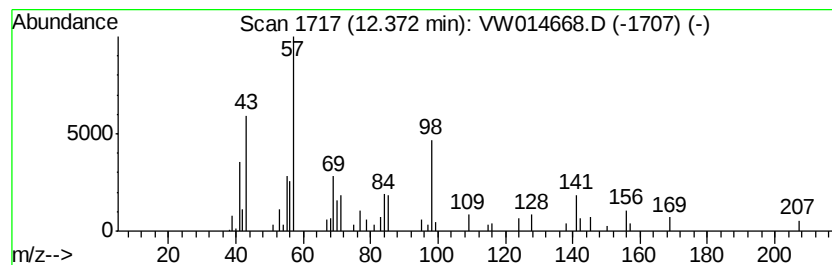
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	1.67 ug/L	24308	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2		Heptane, 4-propyl-	142	C10H22	003178-29-8	43
3		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	43
4		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	35
5		Undecane	156	C11H24	001120-21-4	30



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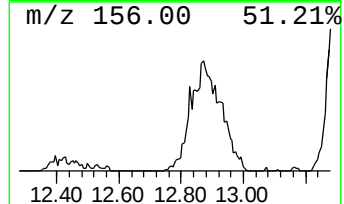
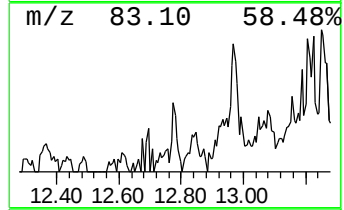
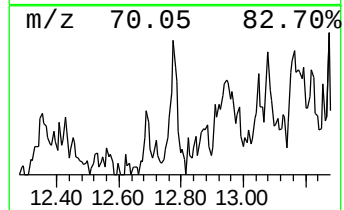
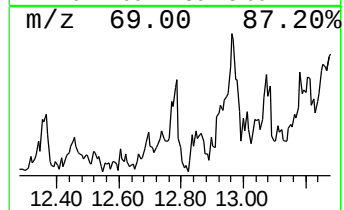
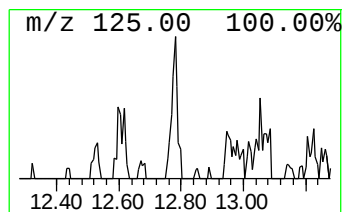
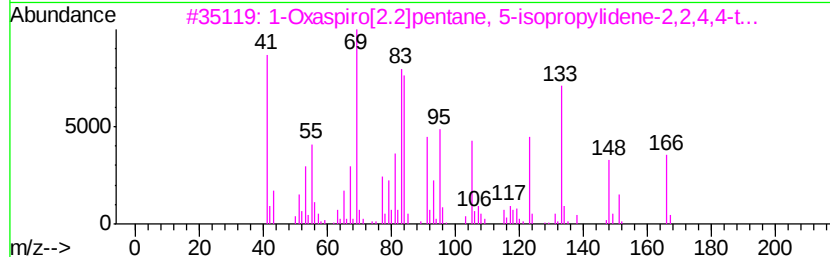
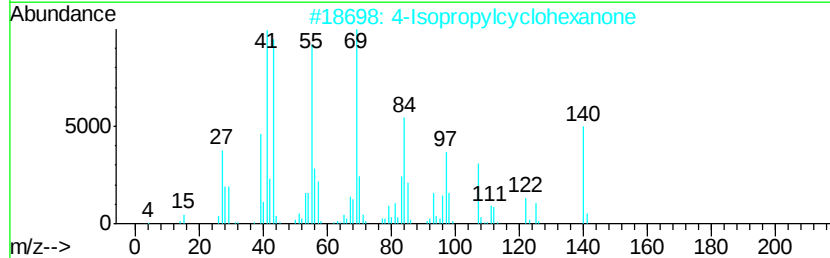
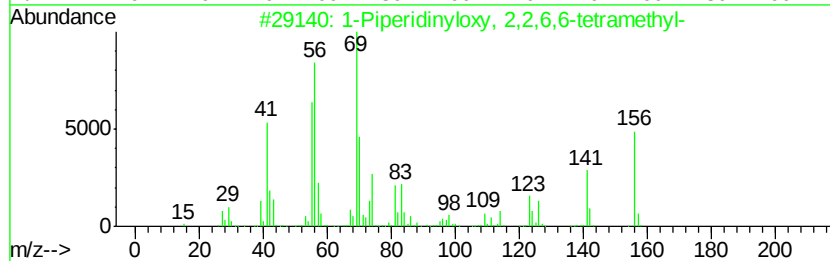
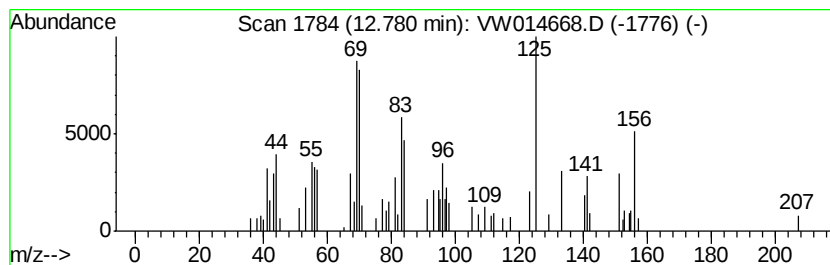
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	1.70 ug/L	21079	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidinylvloxy, 2,2,6,6-tetram...	156	C9H18NO	002564-83-2	38
2	4-Isopropylcyclohexanone	140	C9H16O	005432-85-9	27
3	1-Oxaspiro[2.2]pentane, 5-isopro...	166	C11H18O	015448-69-8	25
4	2-Cyclohexen-1-ol, 3,5,5-trimethyl-	140	C9H16O	000470-99-5	22
5	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

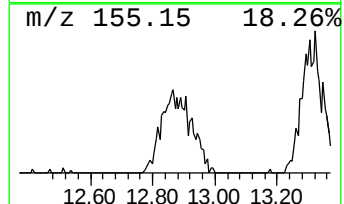
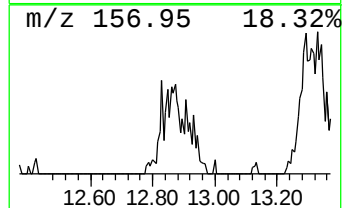
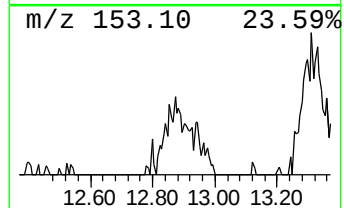
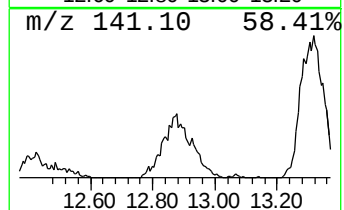
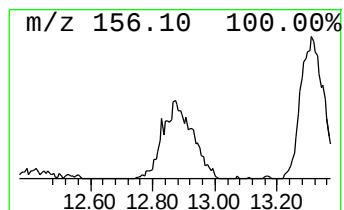
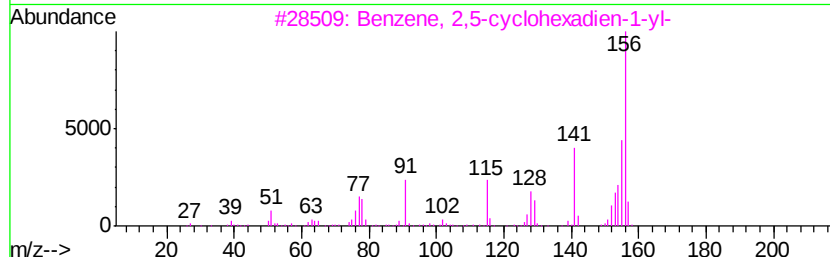
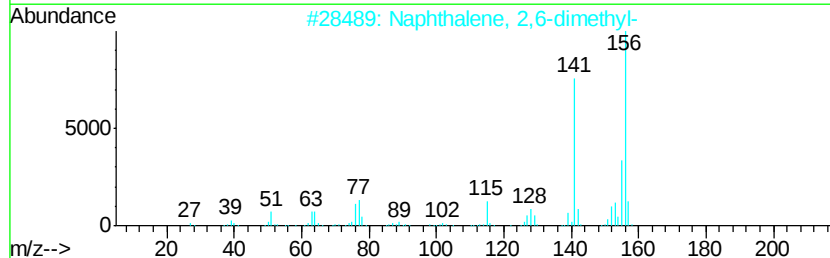
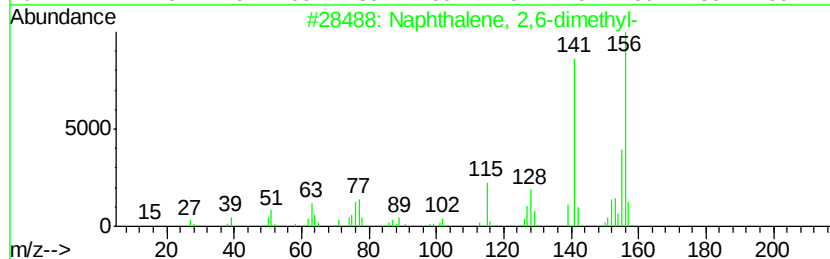
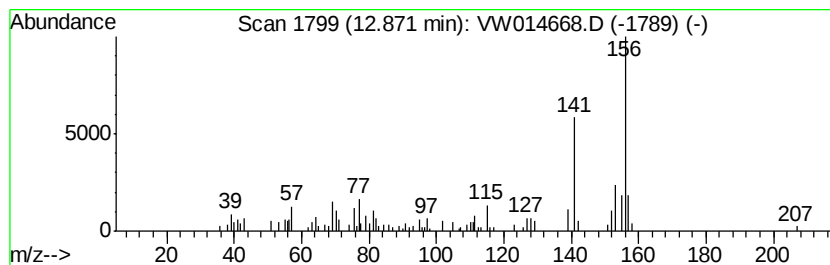
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.35 ug/L	66086	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
3		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	81
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

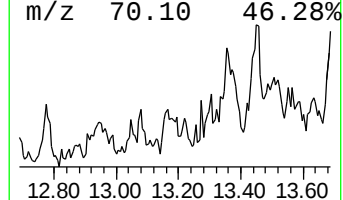
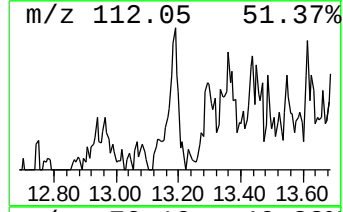
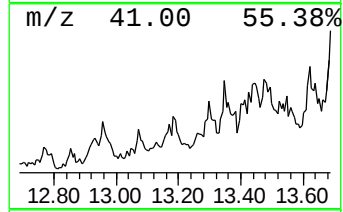
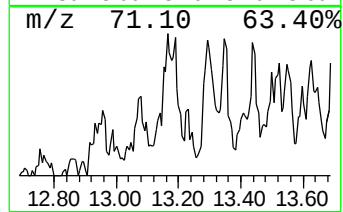
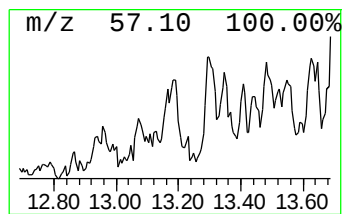
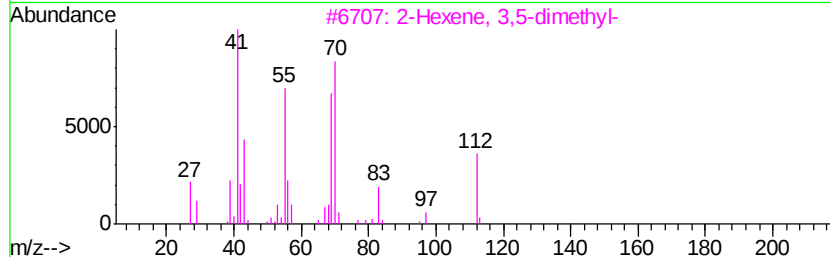
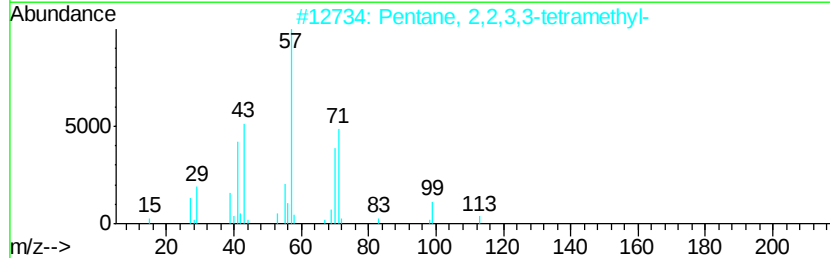
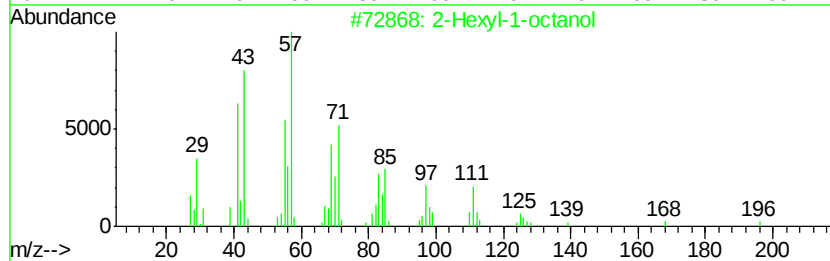
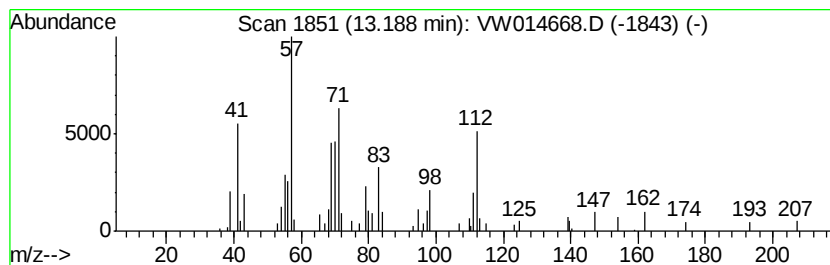
Instrument :
MSVOA_W
ClientSampleId :
GASK1

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Quant Title : VOC Analysis

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

Peak Number 8 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	2.00 ug/L	24730	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	47
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	27
3	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	27
4	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	27
5	Butanoic acid, tridec-2-ynyl ester	266	C17H30O2	1000299-12-6	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

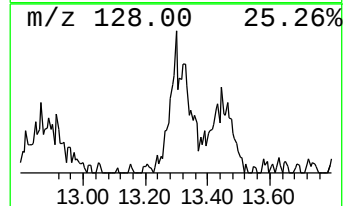
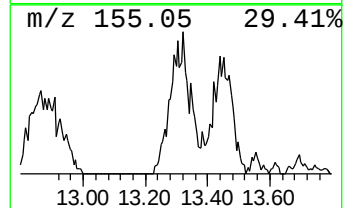
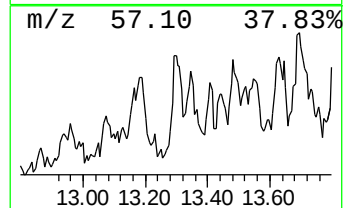
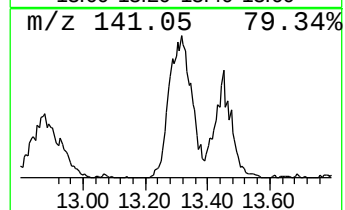
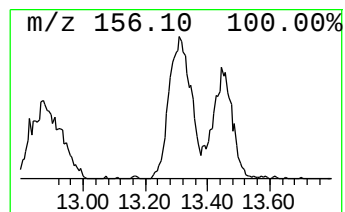
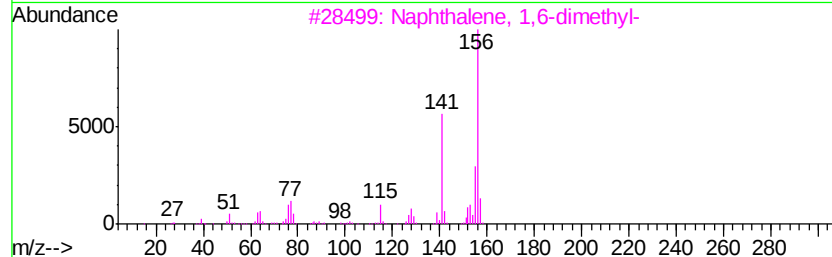
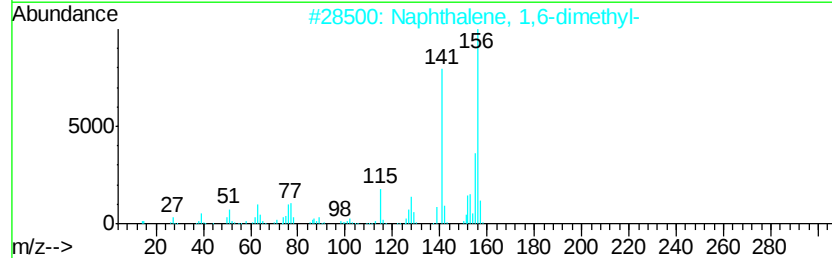
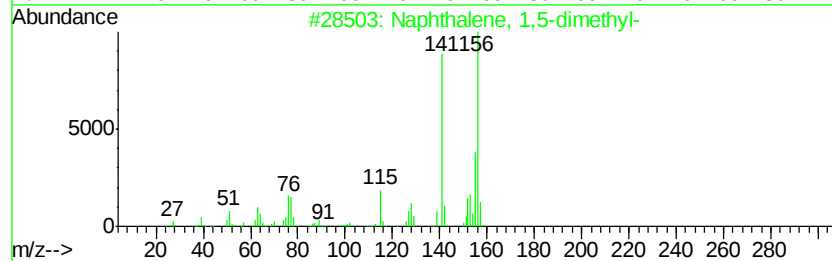
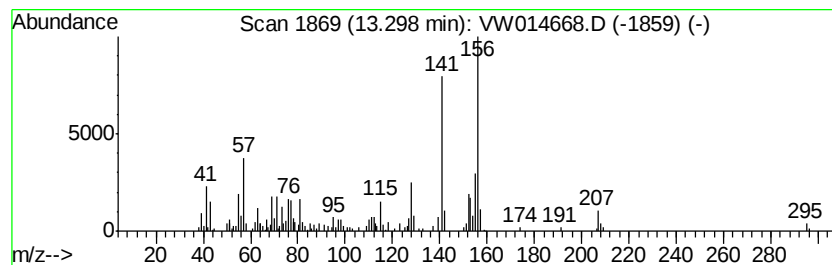
Instrument :
MSVOA_W
ClientSampleId :
GASK1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	15.16 ug/L	187461	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
4		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 96
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

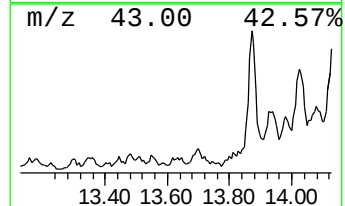
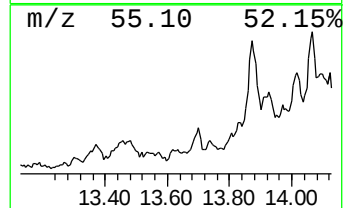
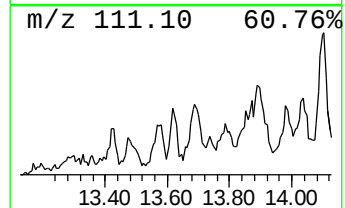
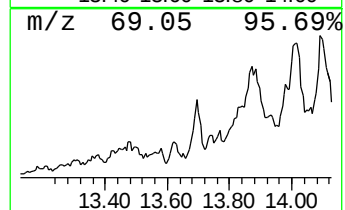
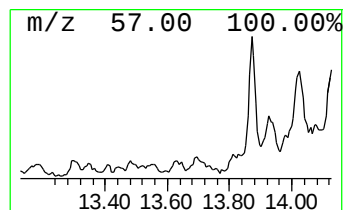
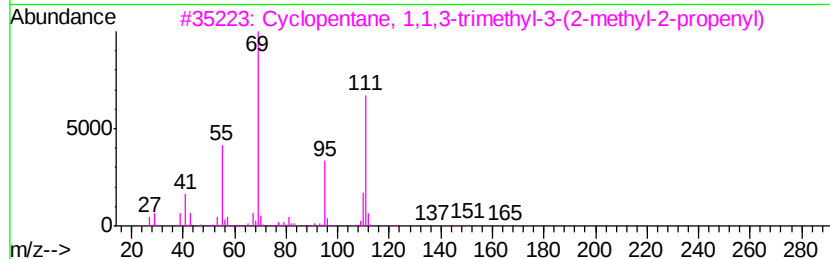
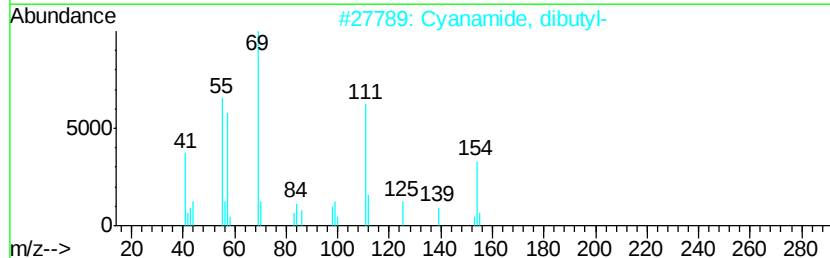
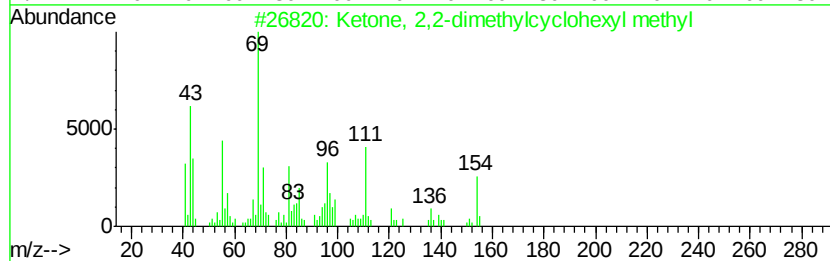
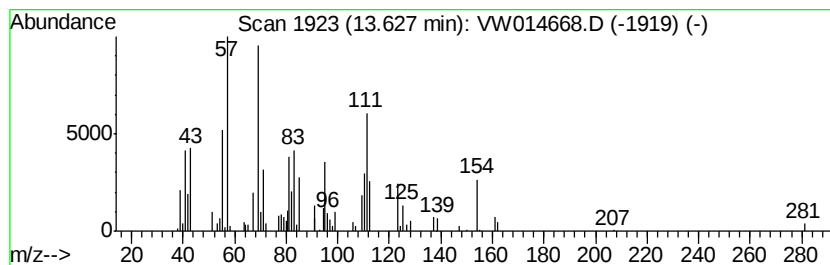
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.04 ug/L	37595	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	47
2			Cyanamide, dibutyl-	154	C9H18N2	002050-54-6	43
3			Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	43
4			Cyclopentane, hexyl-	154	C11H22	004457-00-5	43
5			Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

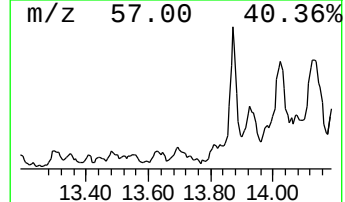
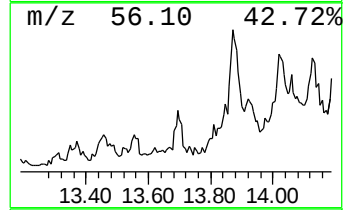
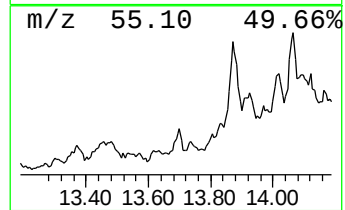
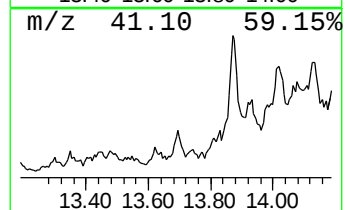
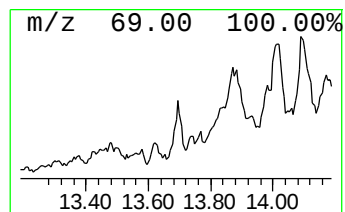
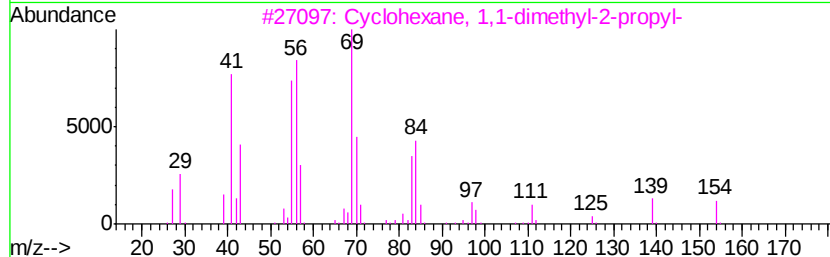
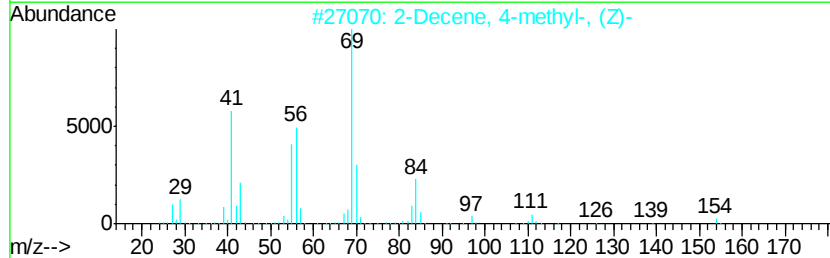
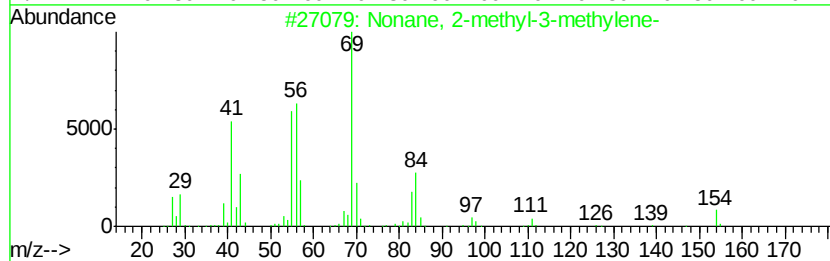
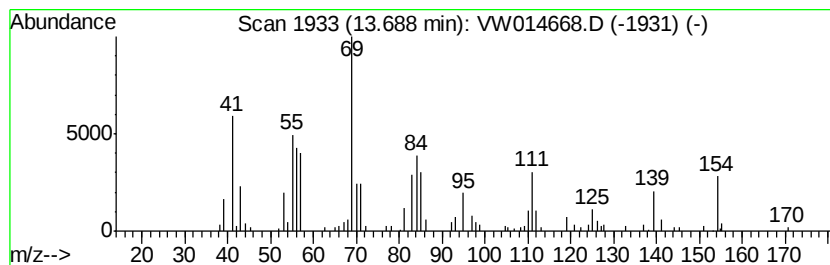
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic13.69 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	3.98 ug/L	49205	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	74
2		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	68
3		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	60
4		1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	59
5		2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

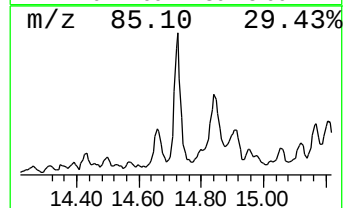
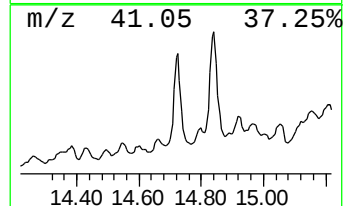
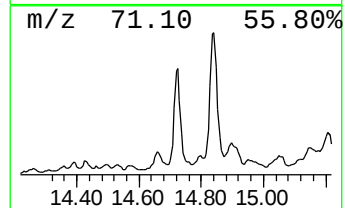
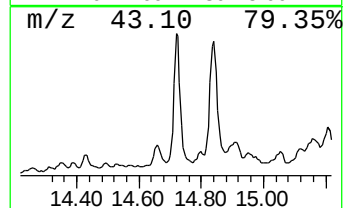
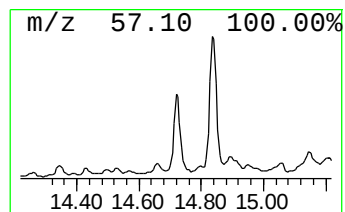
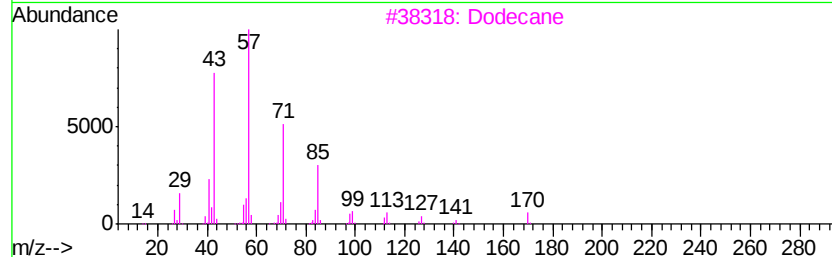
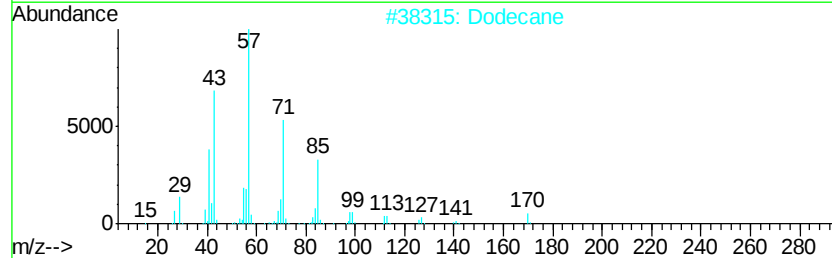
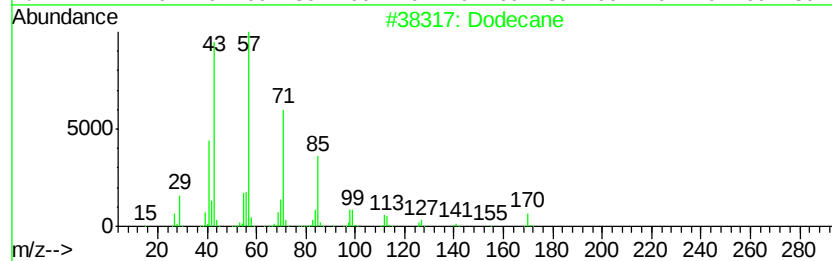
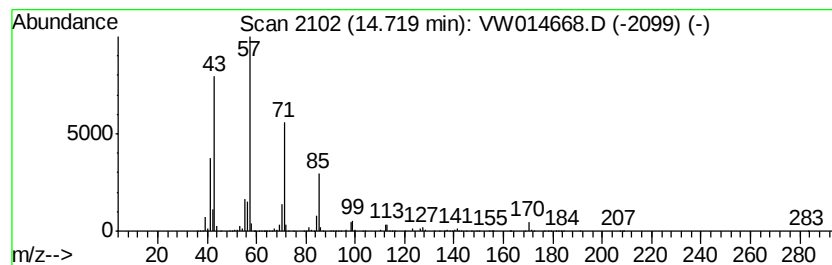
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	123.02 ug/L	1520980	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	97
2		Dodecane	170	C12H26	000112-40-3	97
3		Dodecane	170	C12H26	000112-40-3	91
4		Tridecane	184	C13H28	000629-50-5	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

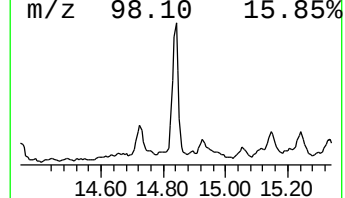
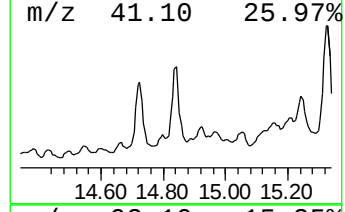
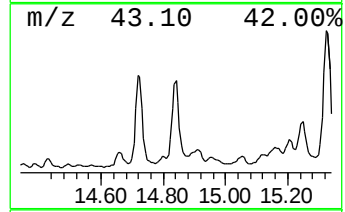
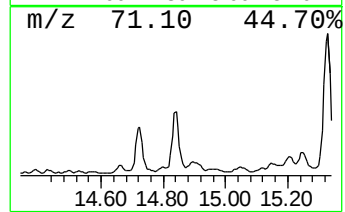
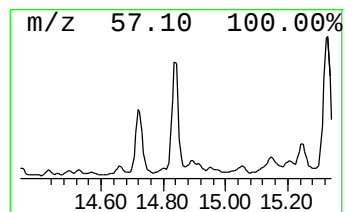
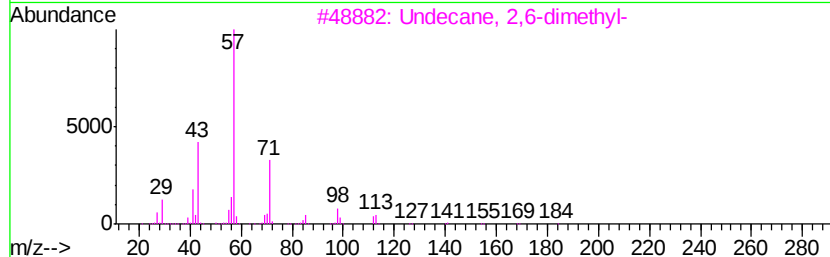
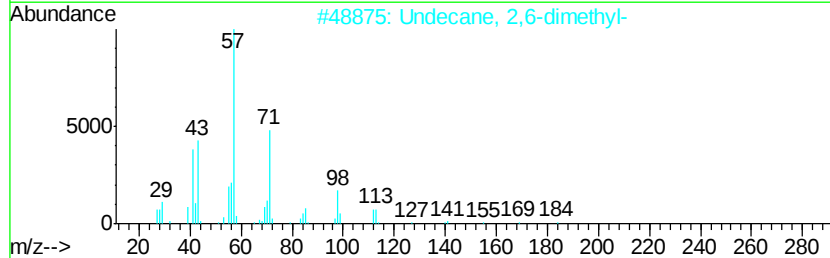
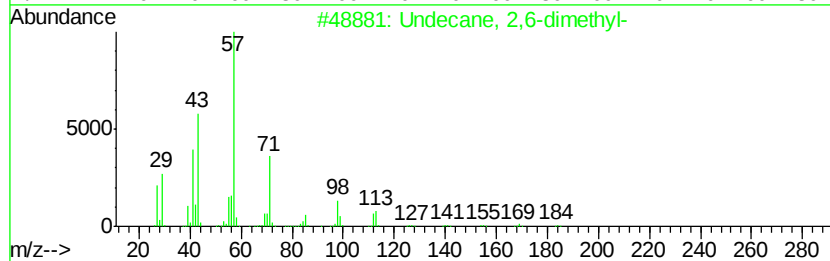
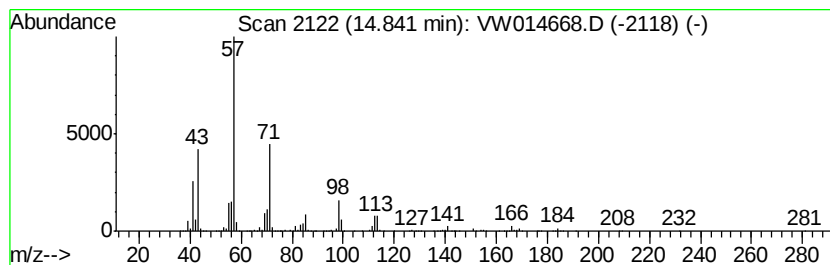
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	175.86 ug/L	2174220	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	87
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

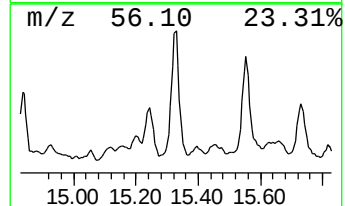
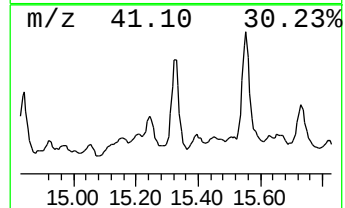
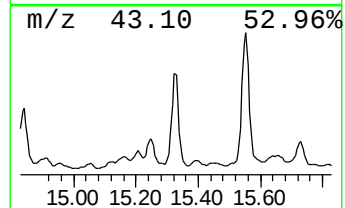
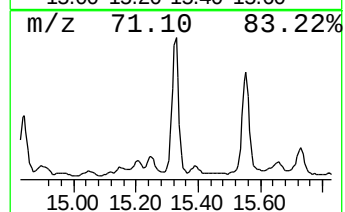
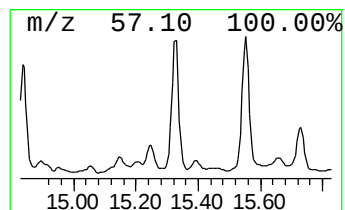
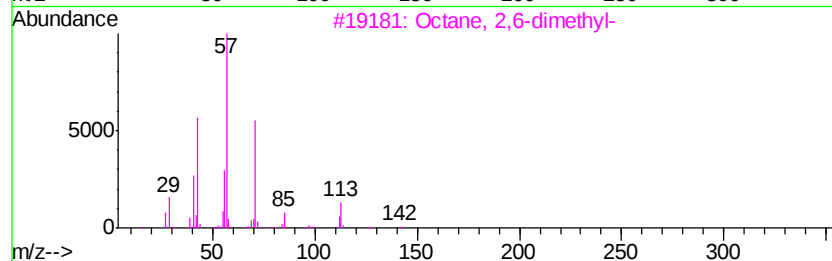
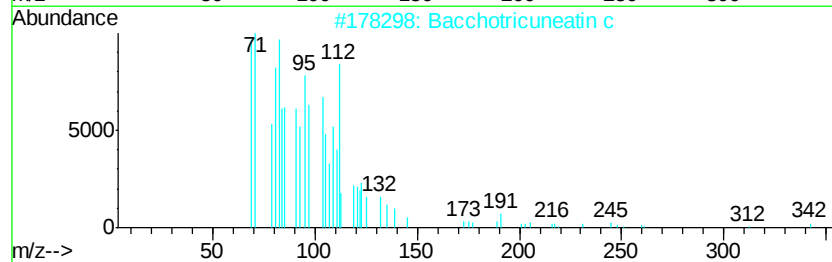
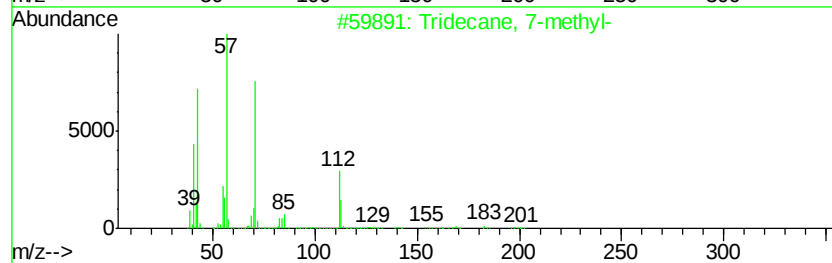
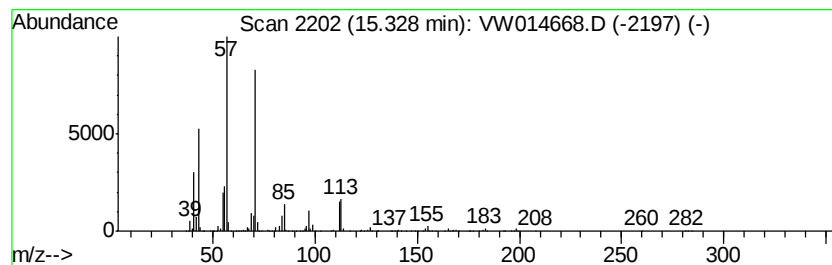
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	287.36 ug/L	3552740	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

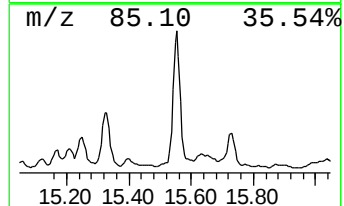
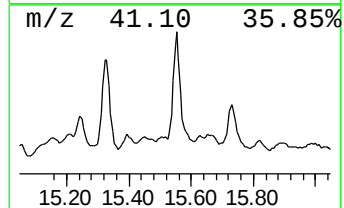
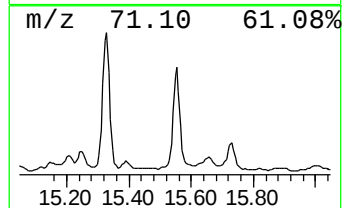
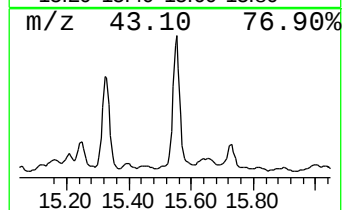
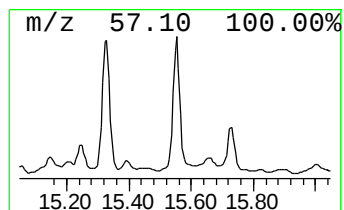
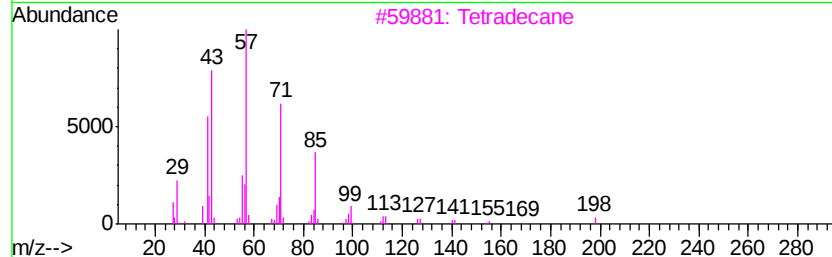
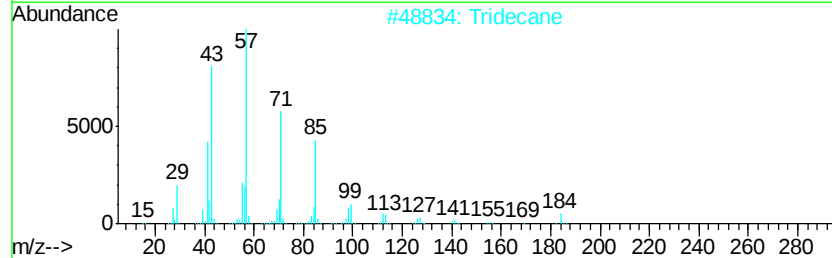
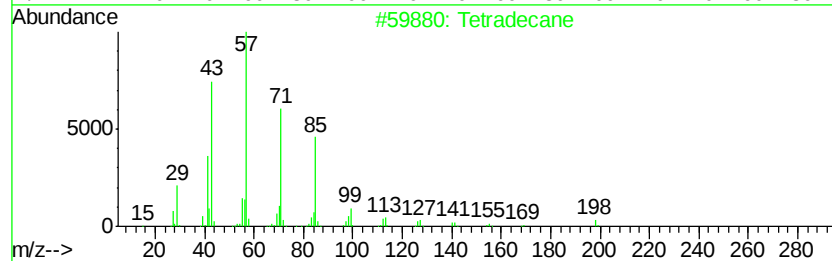
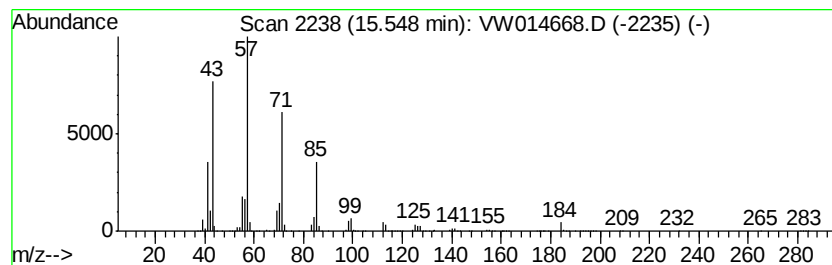
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	306.20 ug/L	3785570	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane	184	C13H28	000629-50-5	95
3		Tetradecane	198	C14H30	000629-59-4	94
4		Tridecane	184	C13H28	000629-50-5	91
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

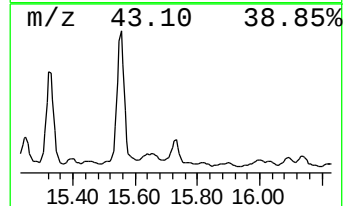
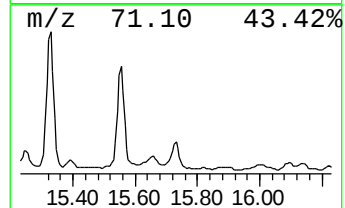
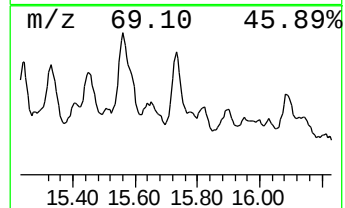
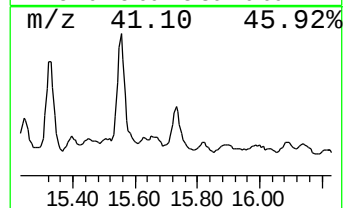
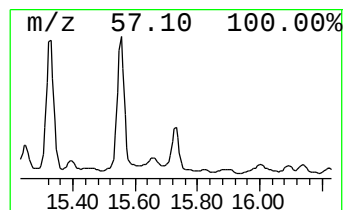
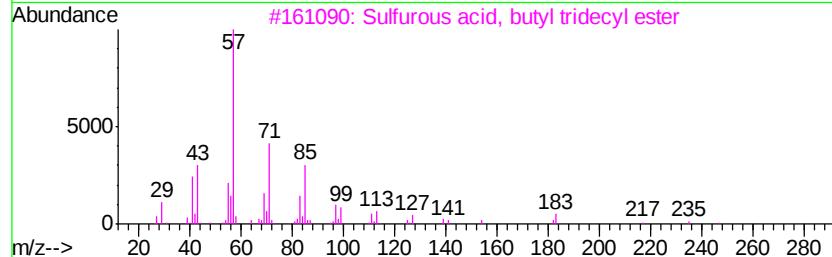
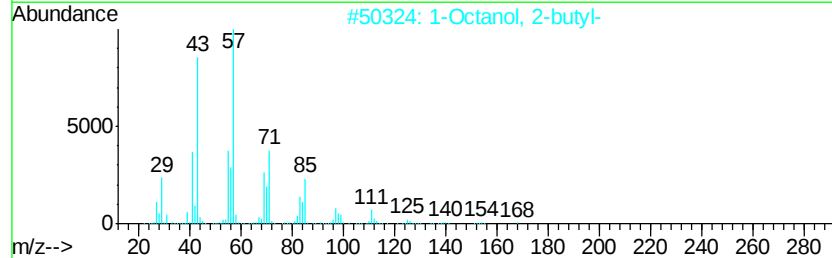
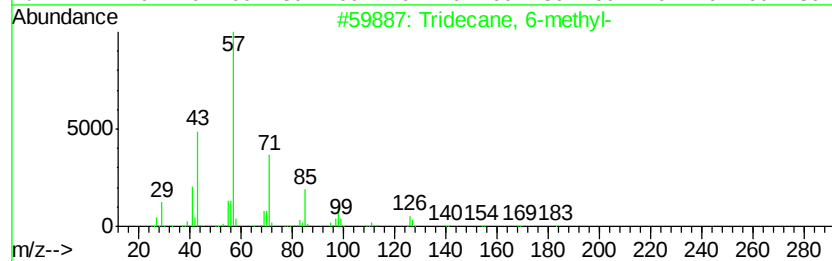
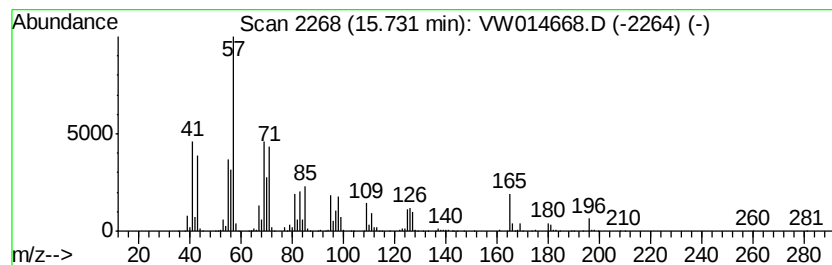
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	171.98 ug/L	2126210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38
3			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	38
4			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	38
5			Decane, 5-propyl-	184	C13H28	017312-62-8	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011620\
Data File : VW014668.D
Acq On : 16 Jan 2020 13:09
Operator : SY/VA
Sample : L1118-10
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASK1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-(Methylthio)ben...	11.06	1.7	ug/L	25388	2	11.63	363860	25.0
(DEL) Alkane: Str...	12.37	1.7	ug/L	24308	2	11.63	363860	25.0
unknown-01	12.78	1.7	ug/L	21079	3	13.56	309080	25.0
Naphthalene, 2,6-...	12.87	5.3	ug/L	66086	3	13.56	309080	25.0
unknown-02	13.19	2.0	ug/L	24730	3	13.56	309080	25.0
Naphthalene, 1,5-...	13.30	15.2	ug/L	187461	3	13.56	309080	25.0
unknown-03	13.63	3.0	ug/L	37595	3	13.56	309080	25.0
(DEL) Alkane: Cyc...	13.69	4.0	ug/L	49205	3	13.56	309080	25.0
(DEL) Alkane: Str...	14.72	123.0	ug/L	1520980	3	13.56	309080	25.0
(DEL) Alkane: Str...	14.84	175.9	ug/L	2174220	3	13.56	309080	25.0
(DEL) Alkane: Str...	15.33	287.4	ug/L	3552740	3	13.56	309080	25.0
(DEL) Alkane: Str...	15.55	306.2	ug/L	3785570	3	13.56	309080	25.0
(DEL) Alkane: Str...	15.73	172.0	ug/L	2126210	3	13.56	309080	25.0