

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006361.D
 Acq On : 25 Oct 2018 13:47
 Operator : SY/AP
 Sample : J5657-01
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G4

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\SOM2WLM100918S.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	1.959	5	9	18	rVB2	16790	28759	0.05%	0.025%
2	2.361	64	75	88	rVV	56718	138644	0.25%	0.121%
3	2.897	155	163	178	rVB	44578	123390	0.22%	0.108%
4	3.416	240	248	257	rVB7	4407	14148	0.03%	0.012%
5	4.013	335	346	357	rBV2	104816	295319	0.53%	0.257%
6	4.129	357	365	376	rVB	26419	75856	0.13%	0.066%
7	4.373	394	405	422	rBV	15887	48569	0.09%	0.042%
8	4.915	482	494	508	rBV4	5205	17986	0.03%	0.016%
9	6.214	699	707	718	rBV	7853	22996	0.04%	0.020%
10	7.080	841	849	856	rBV	33404	90000	0.16%	0.078%
11	7.653	932	943	959	rVB	150522	365971	0.65%	0.319%
12	8.281	1033	1046	1065	rBV3	280004	970066	1.73%	0.845%
13	8.701	1108	1115	1124	rVV3	14074	36115	0.06%	0.031%
14	8.848	1130	1139	1155	rVB	341518	677486	1.21%	0.590%
15	9.079	1166	1177	1185	rBV4	6184	17368	0.03%	0.015%
16	9.280	1201	1210	1216	rBV	182117	379449	0.67%	0.331%
17	9.335	1216	1219	1226	rVB	22737	43709	0.08%	0.038%
18	9.756	1277	1288	1291	rBV5	7559	19932	0.04%	0.017%
19	9.963	1316	1322	1325	rBV2	10218	18992	0.03%	0.017%
20	10.036	1329	1334	1340	rVV	89275	162351	0.29%	0.141%
21	10.104	1340	1345	1353	rVB	20355	39427	0.07%	0.034%
22	10.329	1374	1382	1387	rBV	359484	637215	1.13%	0.555%
23	10.402	1387	1394	1403	rVB3	317802	698453	1.24%	0.609%
24	10.518	1403	1413	1417	rBV2	130741	274898	0.49%	0.240%
25	10.579	1417	1423	1428	rVB3	100416	224923	0.40%	0.196%
26	10.628	1428	1431	1435	rVB	25244	34257	0.06%	0.030%
27	10.695	1435	1442	1449	rVB2	101004	170179	0.30%	0.148%
28	10.780	1449	1456	1464	rVB4	27615	51359	0.09%	0.045%
29	10.847	1464	1467	1474	rVB4	7080	14102	0.03%	0.012%
30	10.927	1474	1480	1494	rBV	125177	227572	0.40%	0.198%
31	11.042	1494	1499	1506	rVB4	5413	11648	0.02%	0.010%
32	11.183	1514	1522	1527	rBV2	30952	50213	0.09%	0.044%
33	11.237	1527	1531	1535	rVB	14983	23297	0.04%	0.020%
34	11.341	1543	1548	1552	rBV2	8781	14201	0.03%	0.012%

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Integrator: RTE
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 Title : VOC Analysis

35	11.414	1552	1560	1571	rVB4	23053	67387	0.12%	0.059%
36	11.518	1571	1577	1588	rBV	18441	35189	0.06%	0.031%
37	11.658	1588	1600	1607	rBV2	610596	1479839	2.63%	1.290%
38	11.737	1607	1613	1622	rVB	552520	889663	1.58%	0.775%
39	11.841	1622	1630	1641	rBV	1478505	2641538	4.70%	2.302%
40	11.914	1641	1642	1648	rVB2	9095	13259	0.02%	0.012%
41	12.067	1663	1667	1672	rVB3	7239	12870	0.02%	0.011%
42	12.170	1672	1684	1692	rBV	829630	1384448	2.46%	1.206%
43	12.256	1692	1698	1703	rVB	25050	45701	0.08%	0.040%
44	12.347	1703	1713	1714	rBV6	19896	44025	0.08%	0.038%
45	12.371	1714	1717	1724	rVB3	19589	42030	0.07%	0.037%
46	12.469	1726	1733	1743	rBV2	1311096	2154458	3.83%	1.877%
47	12.603	1748	1755	1762	rVB2	112176	274424	0.49%	0.239%
48	12.701	1766	1771	1777	rBV	80934	150486	0.27%	0.131%
49	12.768	1777	1782	1785	rBV	29790	62948	0.11%	0.055%
50	12.871	1793	1799	1801	rBV	129745	205003	0.36%	0.179%
51	12.902	1801	1804	1806	rVV	180885	265271	0.47%	0.231%
52	12.951	1806	1812	1821	rVV	1936173	3162112	5.62%	2.755%
53	13.030	1821	1825	1831	rVB3	46284	97531	0.17%	0.085%
54	13.115	1831	1839	1845	rBV4	66111	207238	0.37%	0.181%
55	13.201	1845	1853	1857	rBV	366167	640305	1.14%	0.558%
56	13.255	1857	1862	1867	rVB	1025047	1529357	2.72%	1.333%
57	13.310	1867	1871	1876	rVB	165511	241148	0.43%	0.210%
58	13.420	1876	1889	1892	rBV	764367	1468424	2.61%	1.280%
59	13.450	1892	1894	1897	rVV	255530	319560	0.57%	0.278%
60	13.505	1897	1903	1909	rVV	5464855	8802374	15.66%	7.670%
61	13.585	1909	1916	1931	rVB	32930604	56222585	100.00%	48.992%
62	13.725	1934	1939	1941	rBV3	127025	183519	0.33%	0.160%
63	13.774	1941	1947	1956	rVB5	403089	1034472	1.84%	0.901%
64	13.877	1956	1964	1972	rBV	1641171	2739143	4.87%	2.387%
65	13.956	1972	1977	1982	rVB3	173202	337933	0.60%	0.294%
66	14.011	1982	1986	1989	rBV3	30566	48554	0.09%	0.042%
67	14.048	1989	1992	1994	rBV2	83290	99682	0.18%	0.087%
68	14.115	1994	2003	2013	rVB3	572447	1808794	3.22%	1.576%
69	14.206	2013	2018	2022	rBV4	75483	158214	0.28%	0.138%
70	14.261	2022	2027	2029	rBV2	133583	207900	0.37%	0.181%
71	14.426	2045	2054	2058	rBV3	202302	434276	0.77%	0.378%

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Title : VOC Analysis

72	14.469	2058	2061	2063	rVV	205682	289737	0.52%	0.252%
73	14.511	2063	2068	2077	rVV3	771933	1662535	2.96%	1.449%
74	14.584	2077	2080	2086	rVB4	58544	123604	0.22%	0.108%
75	14.651	2086	2091	2094	rBV2	111179	175070	0.31%	0.153%
76	14.694	2094	2098	2101	rVB2	66170	90870	0.16%	0.079%
77	14.731	2101	2104	2110	rVB2	122450	152947	0.27%	0.133%
78	14.798	2111	2115	2120	rBV2	47841	102351	0.18%	0.089%
79	14.938	2134	2138	2142	rBV	42984	70545	0.13%	0.061%
80	14.981	2142	2145	2150	rVB2	36372	61233	0.11%	0.053%
81	15.072	2156	2160	2164	rBV4	21207	39638	0.07%	0.035%
82	15.139	2165	2171	2177	rVV	181812	314508	0.56%	0.274%
83	15.261	2187	2191	2199	rBV7	15059	38387	0.07%	0.033%
84	15.377	2200	2210	2214	rVB2	63876	160506	0.29%	0.140%
85	15.578	2236	2243	2249	rVB3	104033	234852	0.42%	0.205%
86	15.724	2263	2267	2273	rBV2	25098	43065	0.08%	0.038%
87	15.828	2279	2284	2286	rBV2	28493	50139	0.09%	0.044%
88	15.865	2286	2290	2293	rVV2	53334	99712	0.18%	0.087%
89	15.895	2293	2295	2302	rVB4	40819	75031	0.13%	0.065%
90	16.011	2302	2314	2318	rBV4	55719	167348	0.30%	0.146%
91	16.048	2318	2320	2324	rVB4	20273	27581	0.05%	0.024%
92	16.182	2334	2342	2346	rBV	948416	1723099	3.06%	1.501%
93	16.230	2346	2350	2356	rVV	1536372	2902284	5.16%	2.529%
94	16.285	2356	2359	2367	rVB	213339	358808	0.64%	0.313%
95	16.365	2367	2372	2375	rBV3	13464	24977	0.04%	0.022%
96	16.426	2375	2382	2387	rVV	1586976	3299549	5.87%	2.875%
97	16.487	2387	2392	2402	rVV2	2304141	5987027	10.65%	5.217%
98	16.572	2402	2406	2409	rVV2	221022	411616	0.73%	0.359%
99	16.608	2409	2412	2427	rVB	249541	473517	0.84%	0.413%
100	16.743	2428	2434	2440	rBV2	36382	68310	0.12%	0.060%

Sum of corrected areas: 114759356

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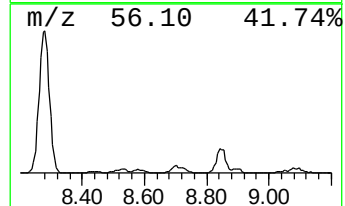
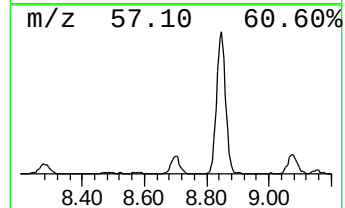
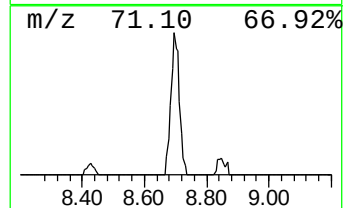
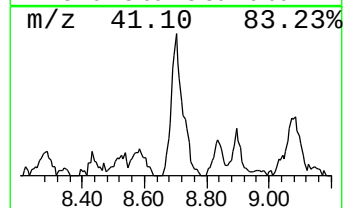
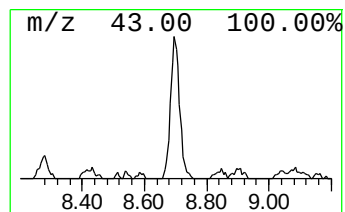
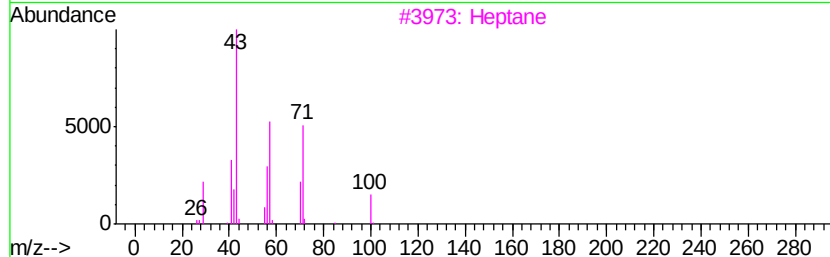
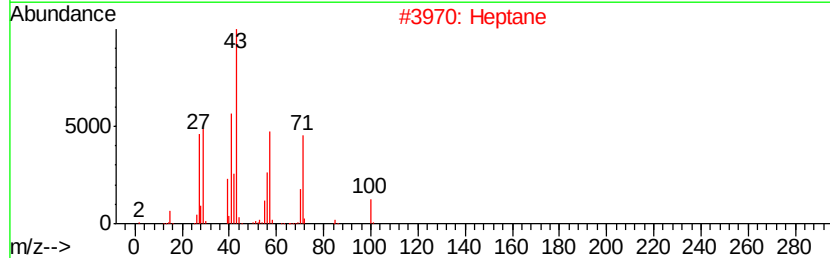
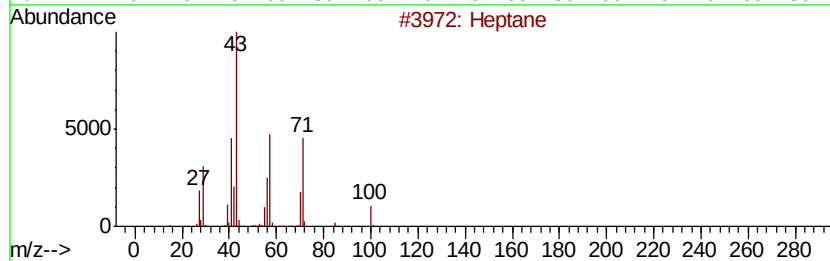
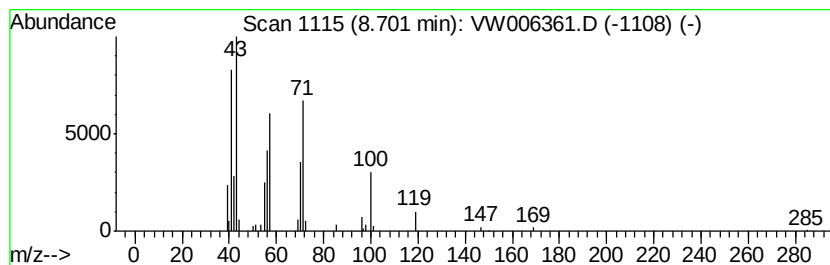
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	1.33 ug/L	36115	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	87
2		Heptane	100	C7H16	000142-82-5	72
3		Heptane	100	C7H16	000142-82-5	64
4		Heptane	100	C7H16	000142-82-5	56
5		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	45



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Instrument :
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ClientSampled :
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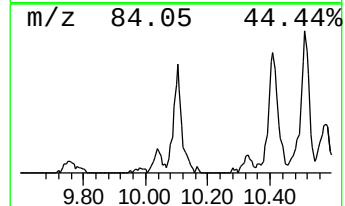
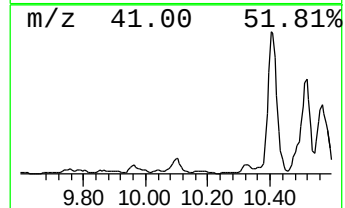
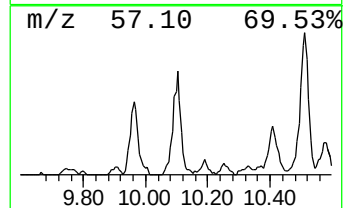
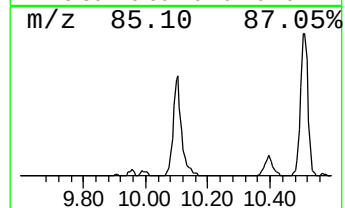
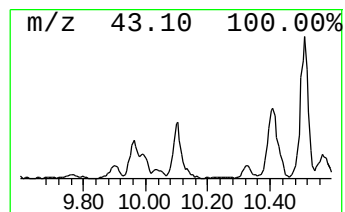
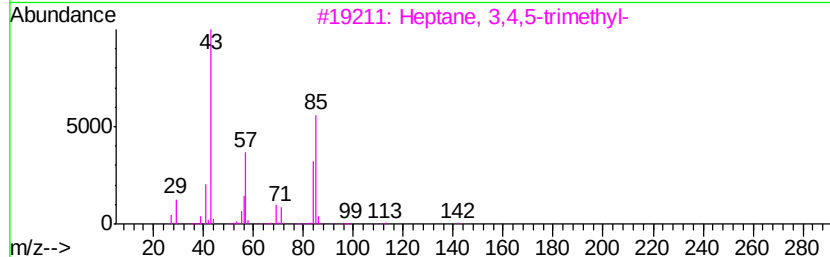
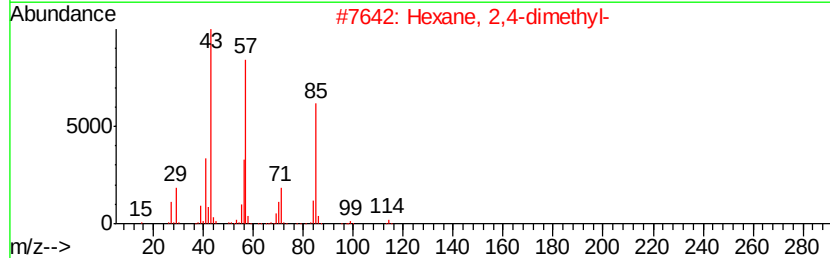
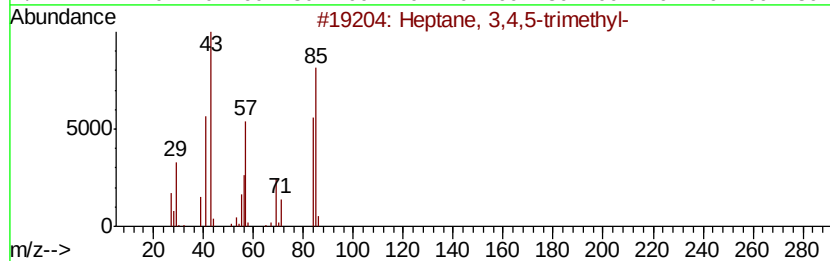
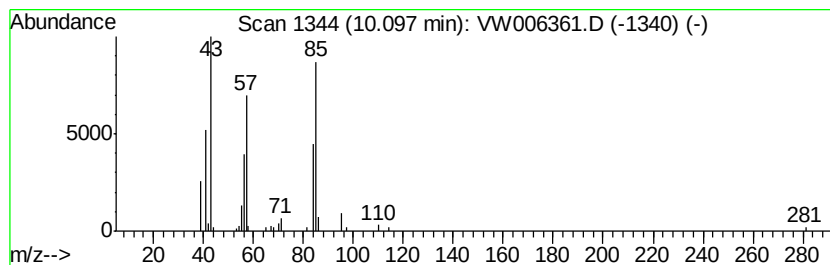
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	1.45 ug/L	39427	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
3		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
4		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	59
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53



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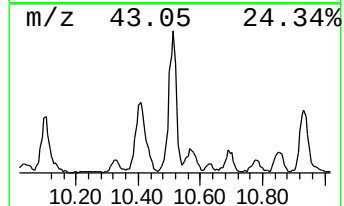
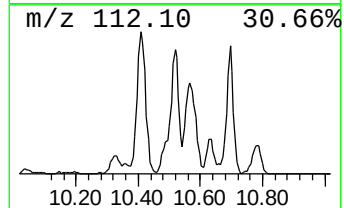
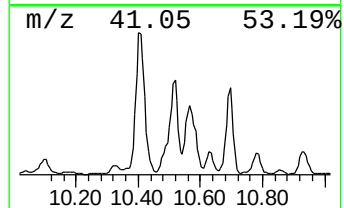
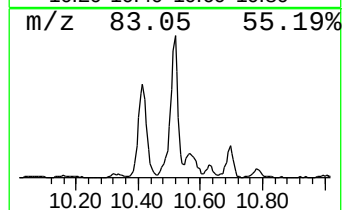
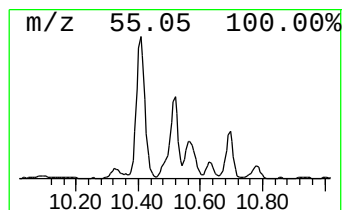
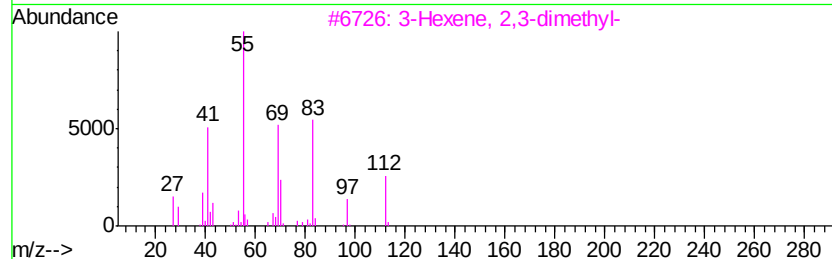
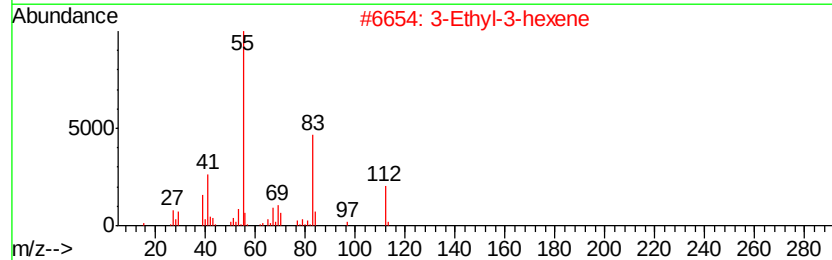
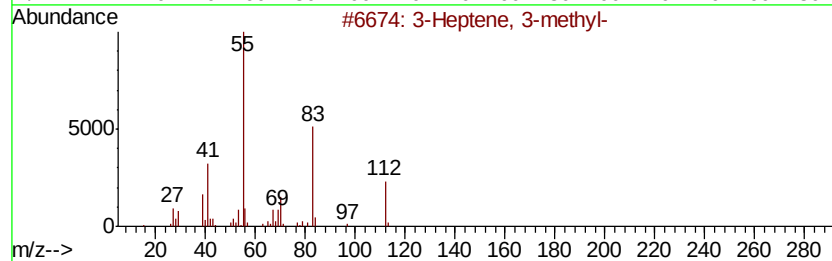
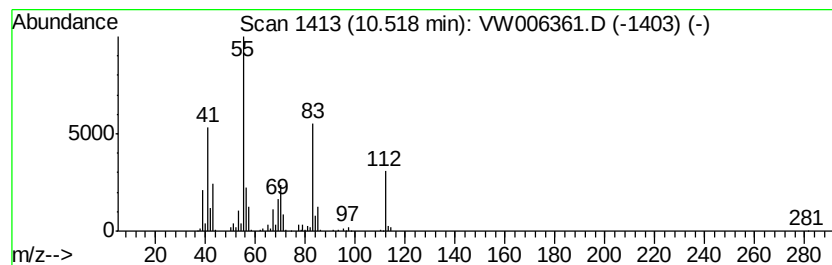
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic10.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.52	4.64 ug/L	274898	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 3-methyl-	112	C8H16	007300-03-0	81
2	3-Ethyl-3-hexene	112	C8H16	016789-51-8	70
3	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	64
4	3-Ethyl-2-hexene	112	C8H16	000620-00-8	58
5	3-Heptene, 5-methyl-	112	C8H16	013172-91-3	58



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ClientSampleId :
A40G4

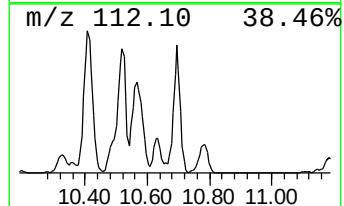
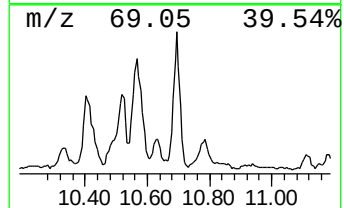
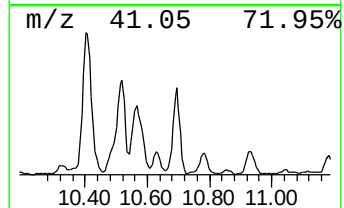
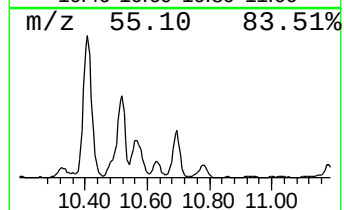
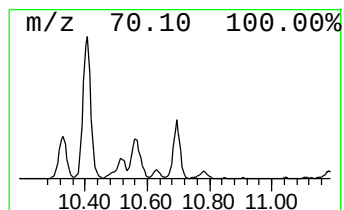
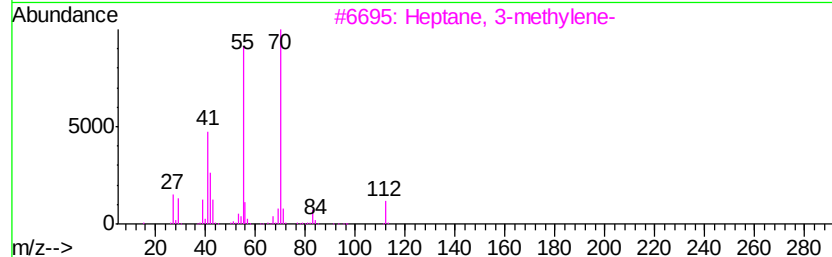
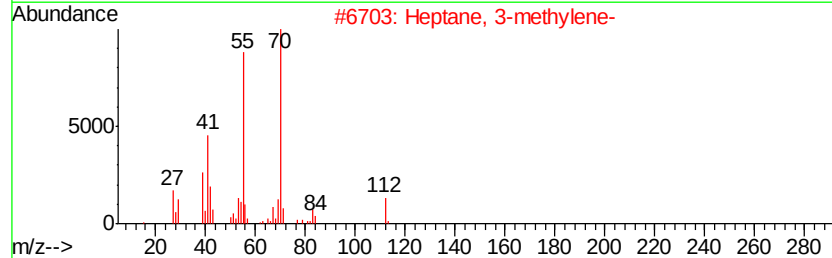
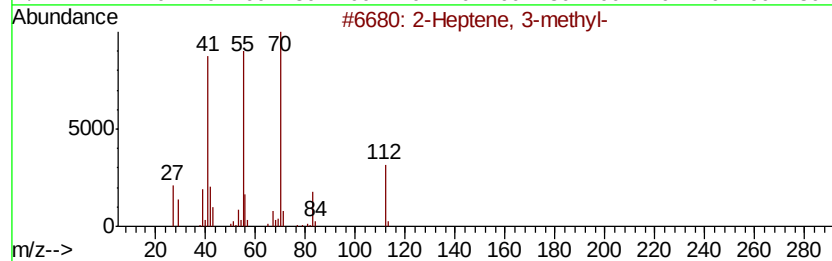
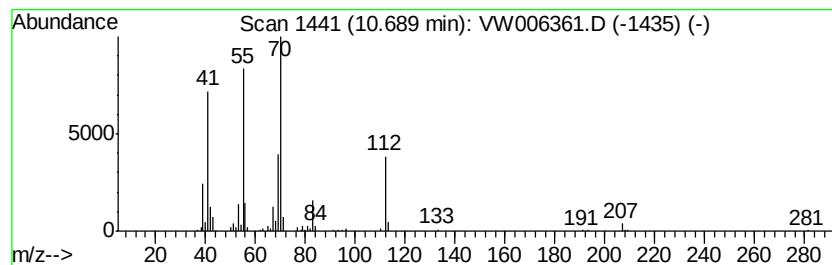
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic10.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	2.87 ug/L	170179	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Heptene, 3-methyl-	112	C8H16	003404-75-9	90
2		Heptane, 3-methylene-	112	C8H16	001632-16-2	83
3		Heptane, 3-methylene-	112	C8H16	001632-16-2	56
4		2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	53
5		2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006361.D
Acq On : 25 Oct 2018 13:47
Operator : SY/AP
Sample : J5657-01
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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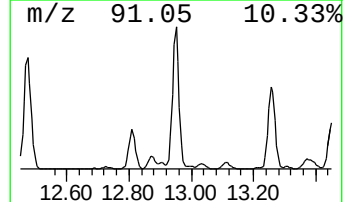
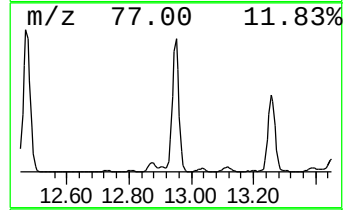
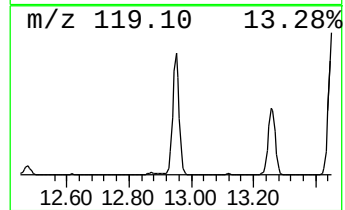
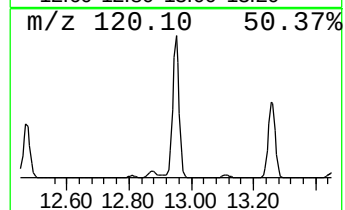
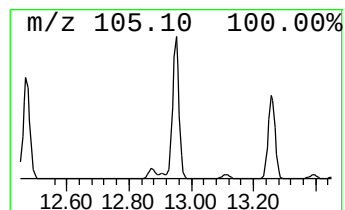
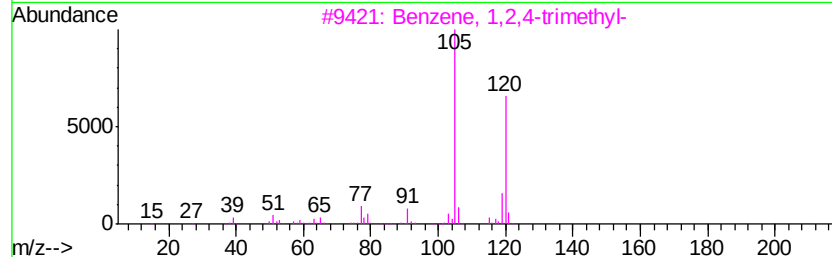
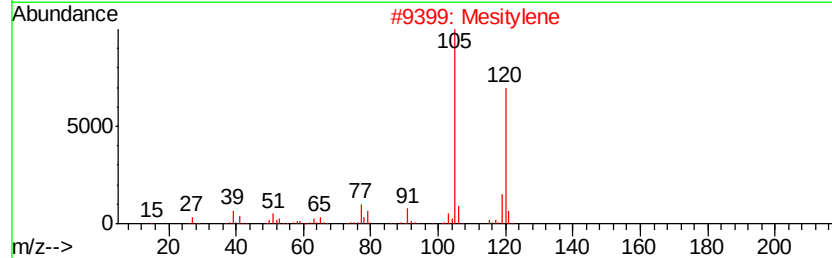
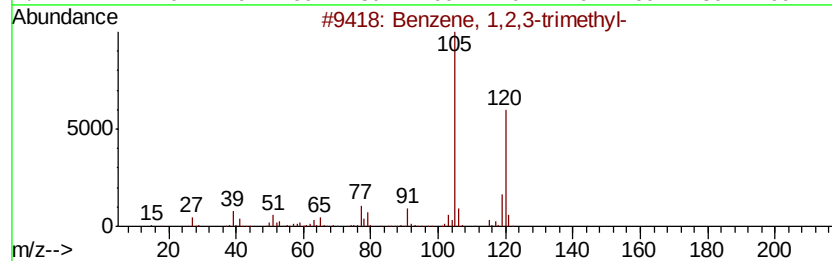
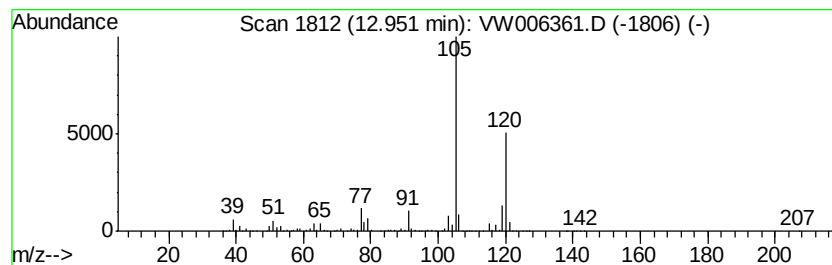
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	1.41 ug/L	3162110	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006361.D
Acq On : 25 Oct 2018 13:47
Operator : SY/AP
Sample : J5657-01
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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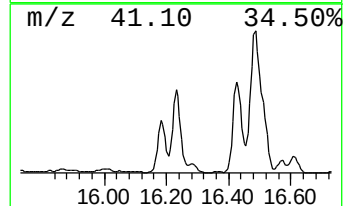
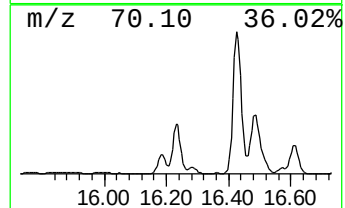
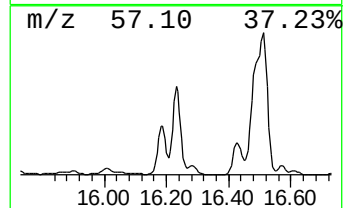
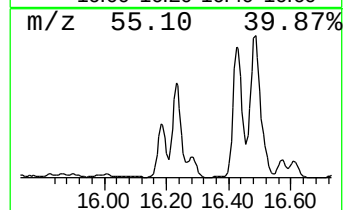
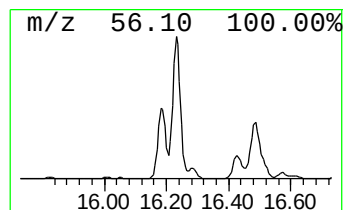
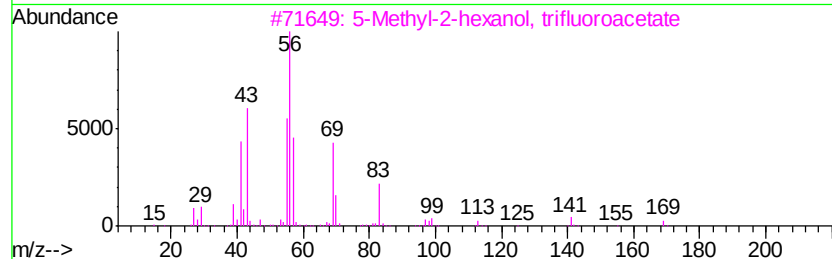
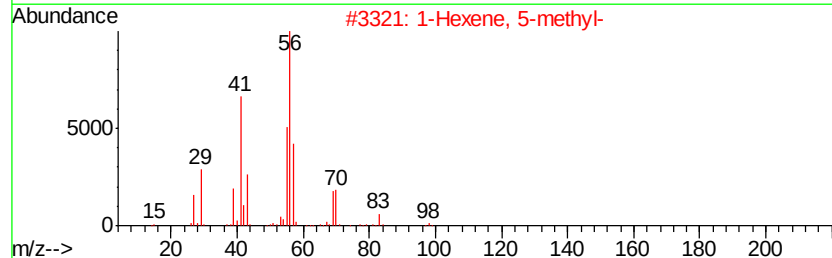
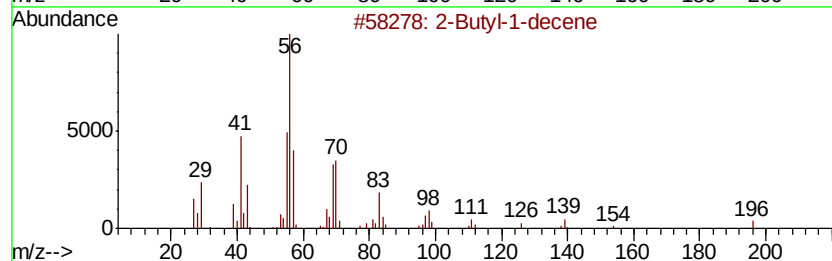
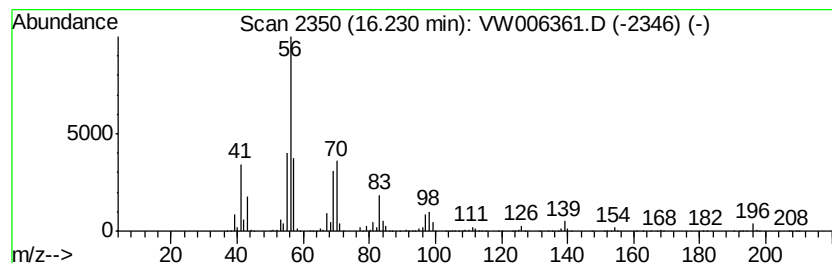
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic16.23 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	1.29 ug/L	2902280	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyl-1-decene	196	C14H28	051655-65-3	95
2		1-Hexene, 5-methyl-	98	C7H14	003524-73-0	64
3		5-Methyl-2-hexanol, trifluoroace...	212	C9H15F3O2	1000364-20-2	53
4		3-Undecene, 10-methyl-	168	C12H24	1000061-84-5	50
5		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102618\
 Data File : VW006361.D
 Acq On : 25 Oct 2018 13:47
 Operator : SY/AP
 Sample : J5657-01
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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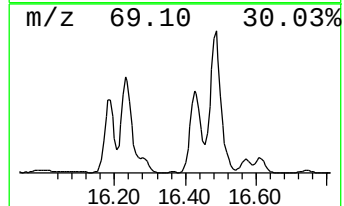
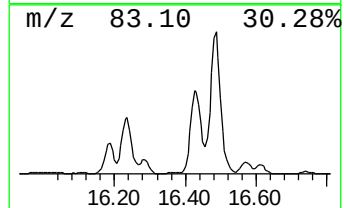
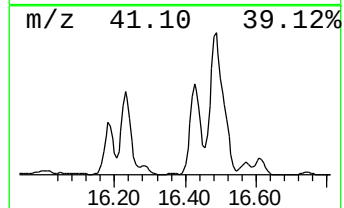
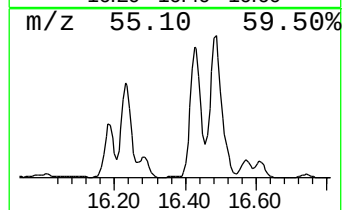
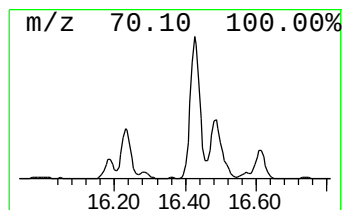
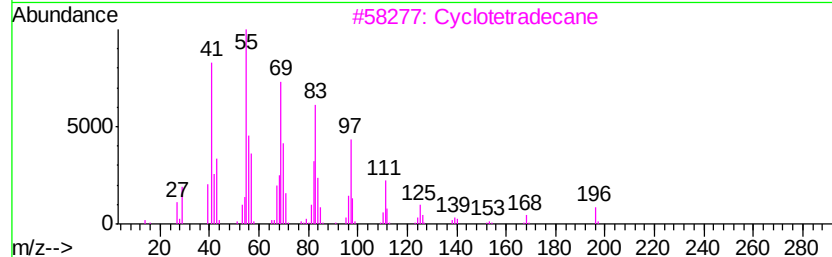
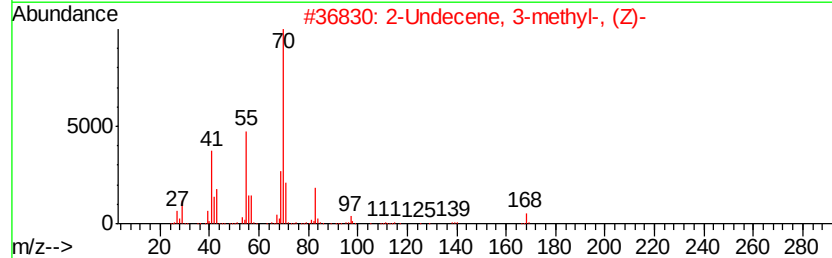
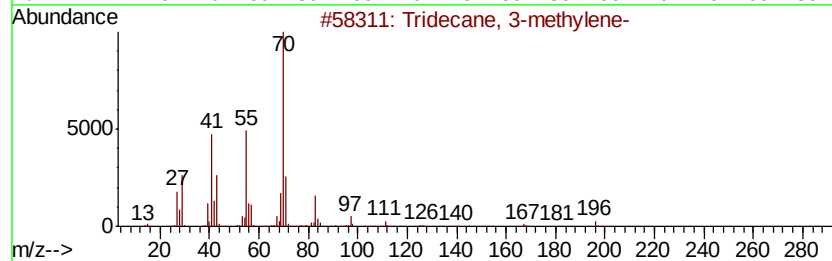
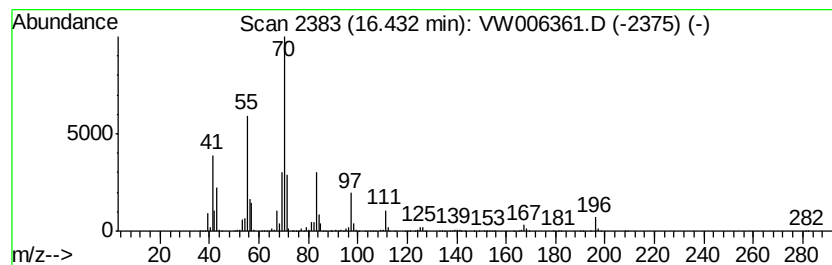
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 Quant Title : VOC Analysis

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

 Peak Number 8 (DEL) Alkane: Cyclic16.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	1.47 ug/L	3299550	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 3-methylene-	196	C14H28	019780-34-8	81
2		2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	50
3		Cyclotetradecane	196	C14H28	000295-17-0	46
4		4-Tetradecene, (E)-	196	C14H28	041446-78-0	30
5		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	27



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006361.D
Acq On : 25 Oct 2018 13:47
Operator : SY/AP
Sample : J5657-01
Misc : 5.13G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

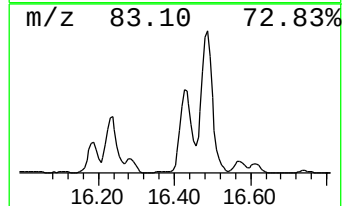
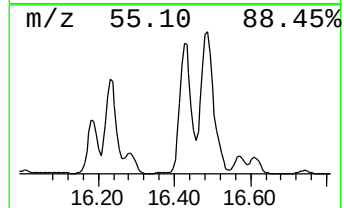
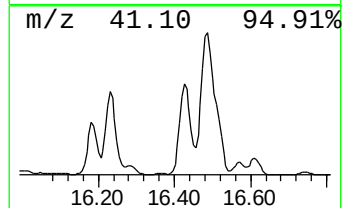
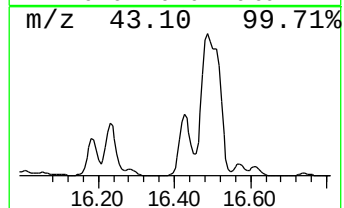
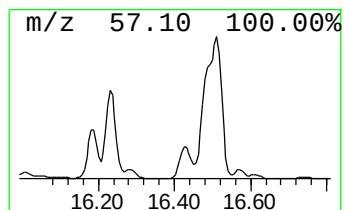
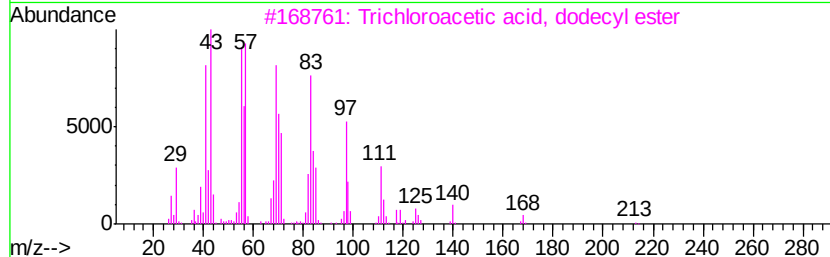
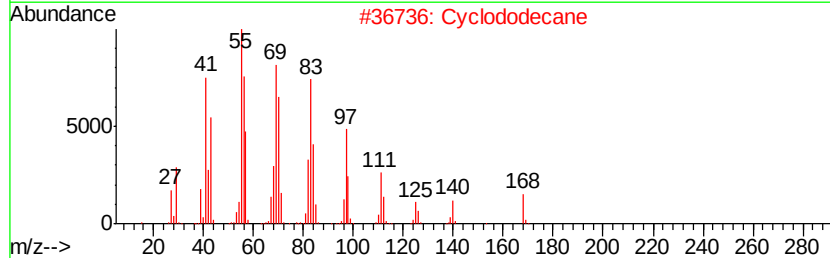
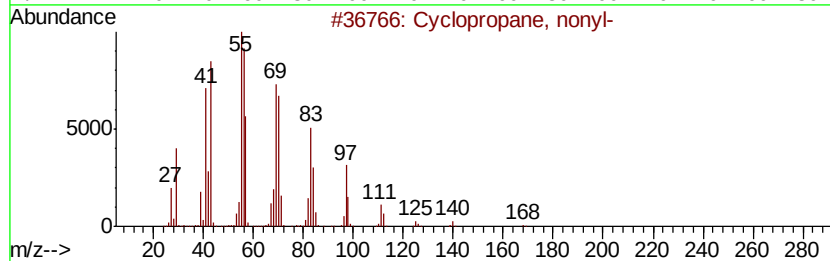
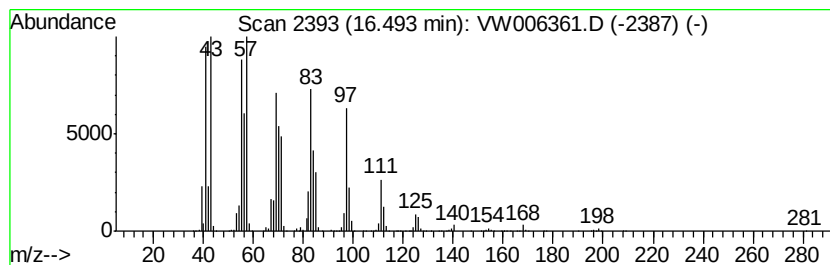
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic16.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.66 ug/L	5987030	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopropane, nonyl-	168 C12H24	074663-85-7 95
2		Cyclododecane	168 C12H24	000294-62-2 94
3		Trichloroacetic acid, dodecyl ester	330 C14H25Cl3O2	074339-50-7 93
4		Dichloroacetic acid, tridecyl ester	310 C15H28Cl2O2	1000280-48-3 91
5		1-Tetradecanol	214 C14H30O	000112-72-1 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
Data File : VW006361.D
Acq On : 25 Oct 2018 13:47
Operator : SY/AP
Sample : J5657-01
Misc : 5.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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
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(DEL) Alkane: Str...	10.10	1.5	ug/L	39427	1	8.85	677486	25.0
(DEL) Alkane: Cyc...	10.52	4.6	ug/L	274898	2	11.63	1479840	25.0
(DEL) Alkane: Cyc...	10.69	2.9	ug/L	170179	2	11.63	1479840	25.0
Benzene, 1,2,3-tr...	12.95	1.4	ug/L	3162110	3	13.57	56222600	25.0
(DEL) Alkane: Cyc...	16.23	1.3	ug/L	2902280	3	13.57	56222600	25.0
(DEL) Alkane: Cyc...	16.43	1.5	ug/L	3299550	3	13.57	56222600	25.0
(DEL) Alkane: Cyc...	16.49	2.7	ug/L	5987030	3	13.57	56222600	25.0