

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015582.D
 Acq On : 11 Jun 2020 12:20
 Operator : SY/VA
 Sample : L2959-06
 Misc : 4.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K0

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\SOM2WLM052620S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	38	42	49	rBV5	1584	3720	0.23%	0.023%
2	2.355	67	74	87	rVB	100784	191856	11.65%	1.181%
3	2.495	93	97	106	rBV	7067	14156	0.86%	0.087%
4	2.897	155	163	178	rBV	64948	165093	10.02%	1.016%
5	4.013	336	346	359	rBV	158810	466996	28.35%	2.875%
6	4.123	359	364	373	rVV	12930	35192	2.14%	0.217%
7	4.385	397	407	422	rBV5	3088	11208	0.68%	0.069%
8	4.617	440	445	447	rBV2	256	450	0.03%	0.003%
9	4.915	484	494	509	rBV3	8009	27731	1.68%	0.171%
10	5.165	531	535	539	rBV4	442	847	0.05%	0.005%
11	5.793	627	638	652	rBV	8448	27065	1.64%	0.167%
12	5.940	654	662	672	rVB4	3273	9978	0.61%	0.061%
13	6.110	683	690	698	rBV5	798	2729	0.17%	0.017%
14	6.915	810	822	831	rBV4	8195	26838	1.63%	0.165%
15	6.982	831	833	839	rVB4	787	1464	0.09%	0.009%
16	7.086	841	850	855	rBV	26036	68097	4.13%	0.419%
17	7.281	881	882	888	rVB2	397	431	0.03%	0.003%
18	7.512	914	920	921	rBV2	731	805	0.05%	0.005%
19	7.653	932	943	956	rBV	206056	503300	30.55%	3.098%
20	7.933	981	989	1000	rBV5	3060	9908	0.60%	0.061%
21	8.037	1000	1006	1012	rVB4	1329	2933	0.18%	0.018%
22	8.159	1018	1026	1034	rBV2	5756	12568	0.76%	0.077%
23	8.281	1034	1046	1062	rBV2	415519	1207216	73.28%	7.431%
24	8.427	1064	1070	1077	rVB6	1813	4484	0.27%	0.028%
25	8.506	1079	1083	1088	rVB6	1558	2888	0.18%	0.018%
26	8.579	1088	1095	1101	rVB6	3260	7993	0.49%	0.049%
27	8.695	1107	1114	1126	rBV2	17798	35093	2.13%	0.216%
28	8.787	1126	1129	1130	rBV2	401	403	0.02%	0.002%
29	8.848	1130	1139	1154	rVB	463239	922443	55.99%	5.678%
30	9.085	1166	1178	1184	rBV8	4630	13707	0.83%	0.084%
31	9.146	1186	1188	1195	rVB2	1161	1770	0.11%	0.011%
32	9.280	1201	1210	1216	rBV	267185	565840	34.35%	3.483%
33	9.335	1216	1219	1225	rVB2	43051	74146	4.50%	0.456%
34	9.518	1243	1249	1254	rBV4	4601	8444	0.51%	0.052%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015582.D
 Acq On : 11 Jun 2020 12:20
 Operator : SY/VA
 Sample : L2959-06
 Misc : 4.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K0

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\SOM2WLM052620S.M
 Title : VOC Analysis

35	9.610	1254	1264	1270	rVB4	5754	14727	0.89%	0.091%
36	9.665	1271	1273	1280	rVB4	988	1422	0.09%	0.009%
37	9.750	1280	1287	1295	rBV2	7481	15311	0.93%	0.094%
38	9.902	1302	1312	1316	rBV	6750	12921	0.78%	0.080%
39	9.957	1316	1321	1325	rBV	24205	44471	2.70%	0.274%
40	10.036	1328	1334	1340	rVV	148998	261199	15.85%	1.608%
41	10.097	1340	1344	1358	rVB	30390	69793	4.24%	0.430%
42	10.207	1358	1362	1364	rBV3	1897	2827	0.17%	0.017%
43	10.244	1366	1368	1373	rVB4	2782	4005	0.24%	0.025%
44	10.323	1373	1381	1387	rBV	653502	1200482	72.87%	7.390%
45	10.390	1387	1392	1400	rVV	940477	1647494	100.00%	10.141%
46	10.506	1404	1411	1417	rVB2	91109	162317	9.85%	0.999%
47	10.579	1417	1423	1432	rBV	91180	164850	10.01%	1.015%
48	10.670	1432	1438	1442	rBV	32926	60727	3.69%	0.374%
49	10.707	1442	1444	1448	rVB	13132	14914	0.91%	0.092%
50	10.762	1448	1453	1458	rBV3	22323	41196	2.50%	0.254%
51	10.859	1463	1469	1474	rVB4	25290	51248	3.11%	0.315%
52	10.926	1474	1480	1488	rVB2	116258	200569	12.17%	1.235%
53	10.994	1488	1491	1493	rBV3	951	1303	0.08%	0.008%
54	11.036	1493	1498	1501	rBV2	13974	24446	1.48%	0.150%
55	11.109	1507	1510	1513	rBV2	11999	16334	0.99%	0.101%
56	11.183	1514	1522	1526	rVV	56392	103645	6.29%	0.638%
57	11.231	1526	1530	1536	rVV	50992	83724	5.08%	0.515%
58	11.286	1536	1539	1543	rVB2	10250	13740	0.83%	0.085%
59	11.341	1543	1548	1552	rBV3	19012	31245	1.90%	0.192%
60	11.439	1552	1564	1571	rVB6	45881	145405	8.83%	0.895%
61	11.512	1571	1576	1581	rBV	28082	43777	2.66%	0.269%
62	11.634	1587	1596	1605	rBV	632767	1073300	65.15%	6.607%
63	11.731	1606	1612	1616	rBV	70154	121603	7.38%	0.749%
64	11.841	1622	1630	1634	rBV2	231671	456871	27.73%	2.812%
65	11.975	1648	1652	1656	rBV3	7713	15034	0.91%	0.093%
66	12.054	1659	1665	1671	rVB4	16487	41711	2.53%	0.257%
67	12.140	1671	1679	1681	rBV4	78219	161974	9.83%	0.997%
68	12.256	1695	1698	1702	rVB	51594	70171	4.26%	0.432%
69	12.304	1702	1706	1707	rBV2	29007	35999	2.19%	0.222%
70	12.341	1708	1712	1714	rBV	58591	93016	5.65%	0.573%
71	12.615	1753	1757	1760	rVB2	27387	40669	2.47%	0.250%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015582.D
 Acq On : 11 Jun 2020 12:20
 Operator : SY/VA
 Sample : L2959-06
 Misc : 4.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K0

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\SOM2WLM052620S.M
 Title : VOC Analysis

72	12.652	1760	1763	1765	rBV	14264	16225	0.98%	0.100%
73	12.694	1765	1770	1779	rVV	183792	371725	22.56%	2.288%
74	12.780	1780	1784	1791	rVB3	155172	281531	17.09%	1.733%
75	12.865	1791	1798	1802	rBV4	64013	143129	8.69%	0.881%
76	12.932	1804	1809	1816	rVV3	287385	519130	31.51%	3.196%
77	13.079	1830	1833	1837	rBV3	42289	62362	3.79%	0.384%
78	13.170	1844	1848	1857	rVB6	76184	163545	9.93%	1.007%
79	13.255	1858	1862	1866	rBV2	53536	92485	5.61%	0.569%
80	13.383	1879	1883	1885	rBV3	33492	49867	3.03%	0.307%
81	13.469	1892	1897	1906	rVB2	717529	1203294	73.04%	7.407%
82	13.560	1906	1912	1920	rVB	579557	958835	58.20%	5.902%
83	13.859	1954	1961	1970	rBV2	462448	1043231	63.32%	6.422%
84	14.200	2013	2017	2022	rVB4	27444	46258	2.81%	0.285%
85	14.261	2023	2027	2034	rVB7	22314	45035	2.73%	0.277%
86	14.328	2035	2038	2043	rBV4	15487	31113	1.89%	0.192%
87	14.389	2044	2048	2051	rBV3	32928	51037	3.10%	0.314%
88	14.505	2063	2067	2070	rBV2	16116	27312	1.66%	0.168%
89	14.548	2070	2074	2080	rVB3	35939	61650	3.74%	0.379%
90	14.731	2100	2104	2109	rVB5	18851	30648	1.86%	0.189%
91	14.792	2111	2114	2121	rVB3	10361	21437	1.30%	0.132%
92	15.072	2156	2160	2165	rBV6	5267	11284	0.68%	0.069%
93	15.444	2216	2221	2223	rBV2	8214	14569	0.88%	0.090%
94	15.627	2250	2251	2255	rBV4	1128	1450	0.09%	0.009%
95	15.688	2258	2261	2265	rVV6	1107	2046	0.12%	0.013%
96	15.767	2272	2274	2276	rBV3	1009	815	0.05%	0.005%
97	16.151	2336	2337	2338	rBV	782	455	0.03%	0.003%
98	16.358	2369	2371	2373	rBV3	515	481	0.03%	0.003%
99	16.596	2403	2410	2417	rVV3	10378	21591	1.31%	0.133%
100	16.749	2432	2435	2437	rBV3	505	614	0.04%	0.004%

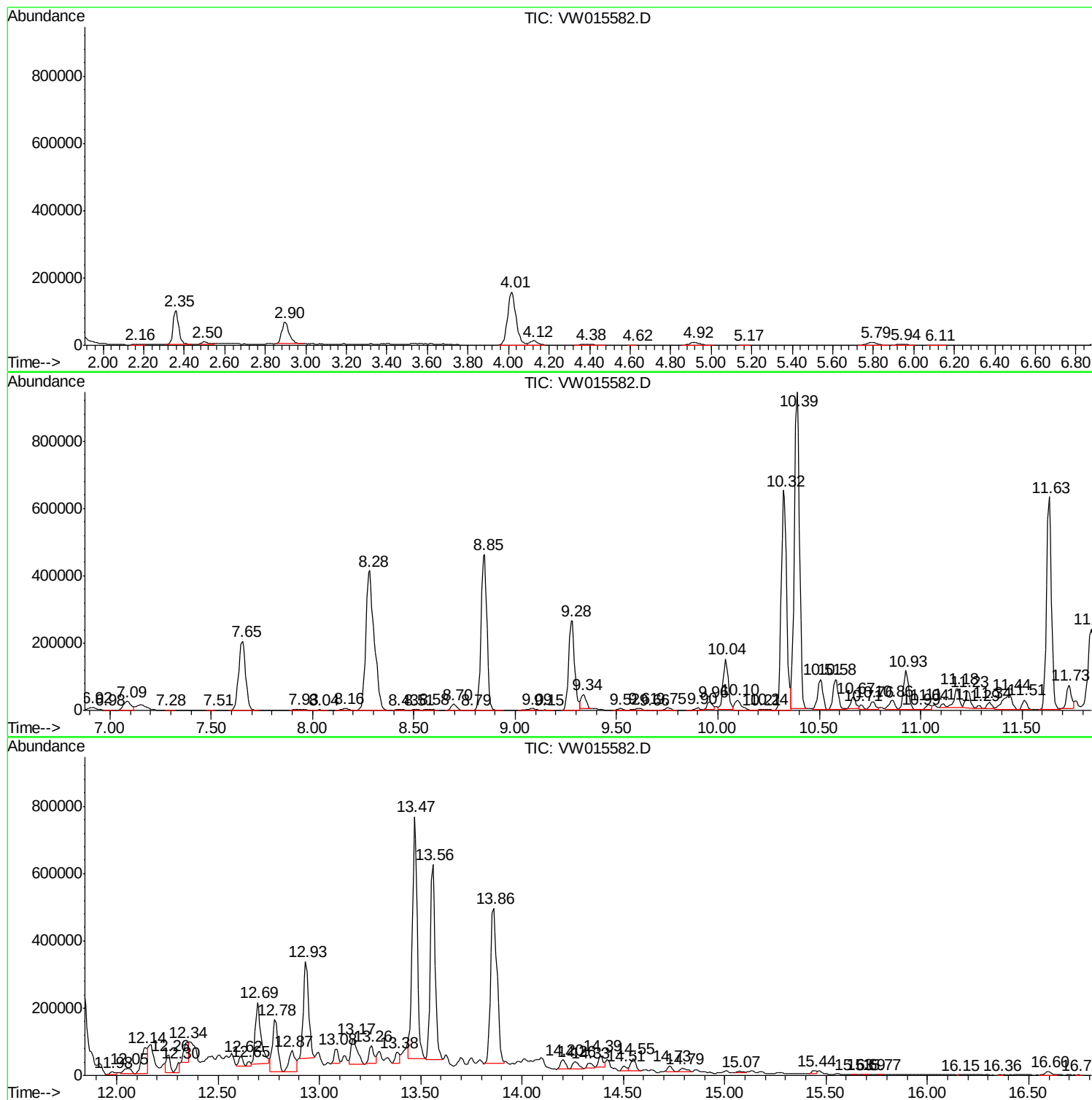
Sum of corrected areas: 16245386

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

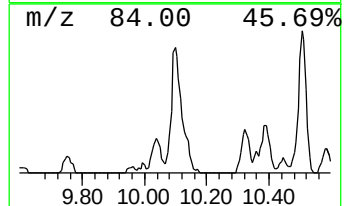
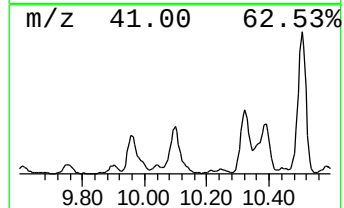
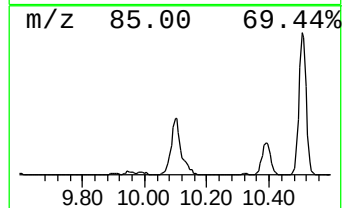
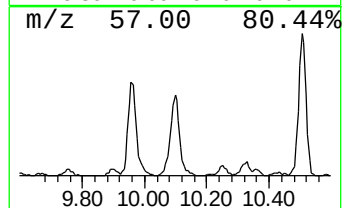
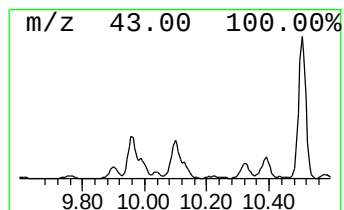
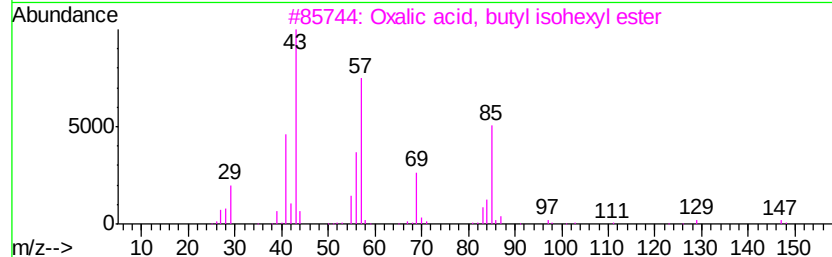
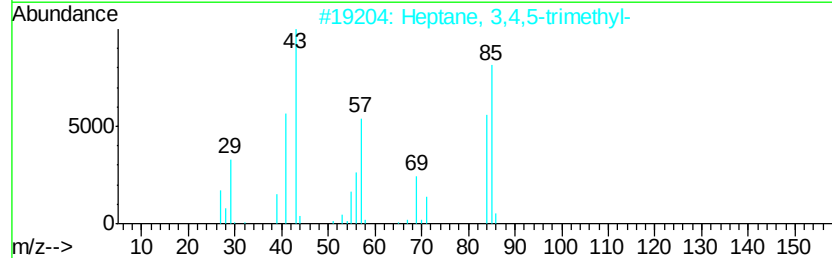
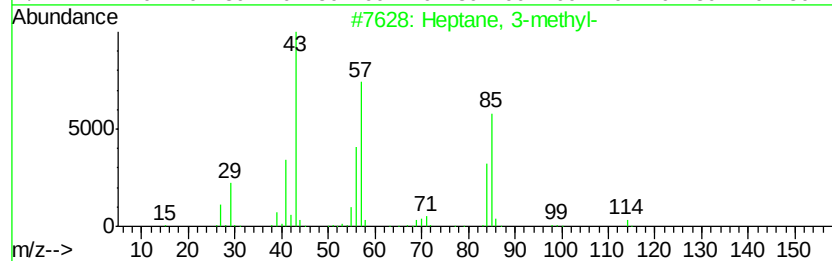
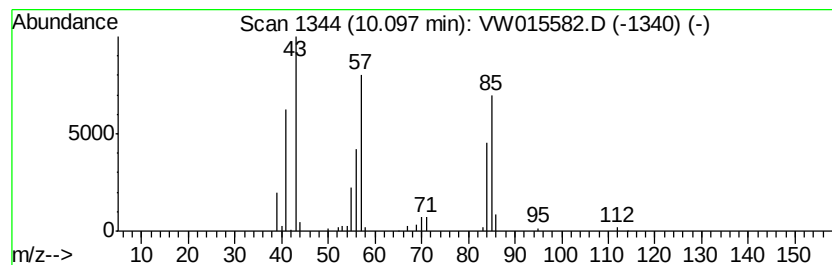
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	1.89 ug/L	69793	1,4-Difluorobenzene	8.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
4			Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	50
5			Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG2K0

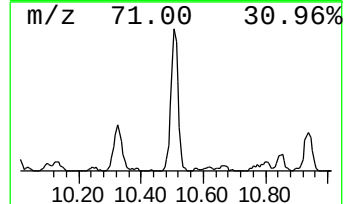
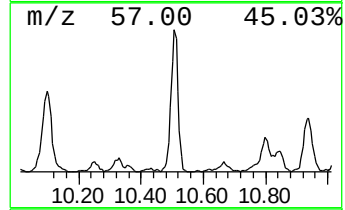
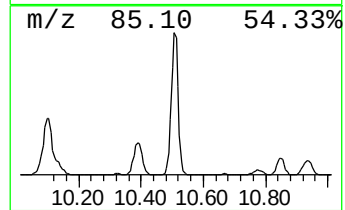
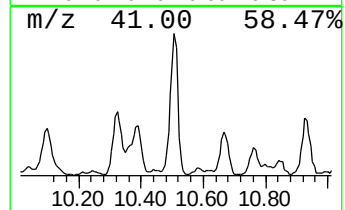
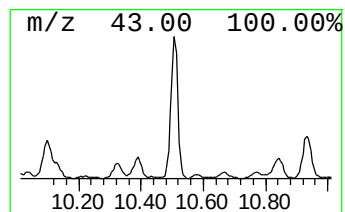
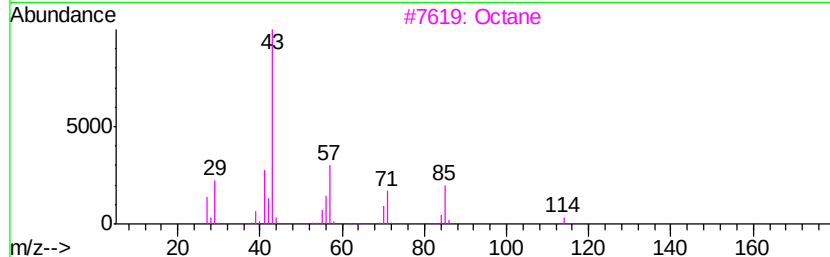
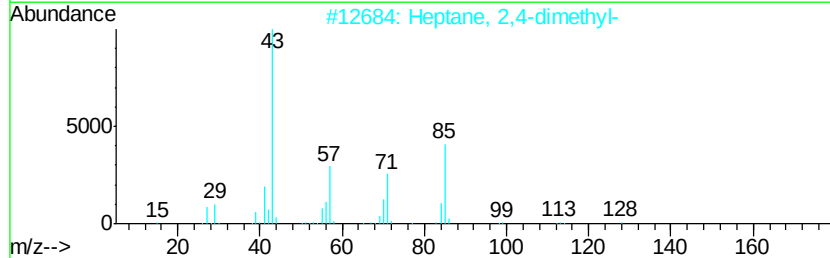
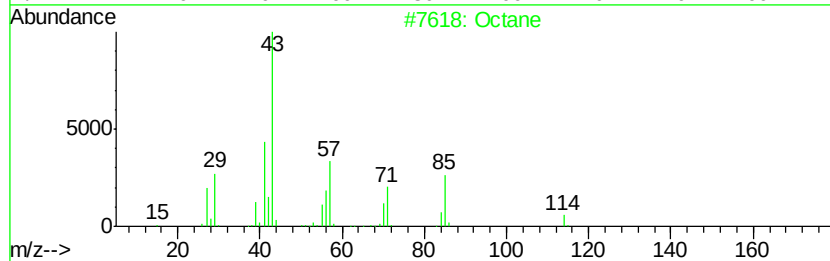
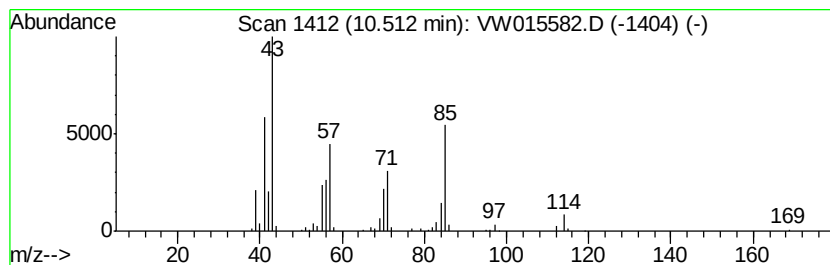
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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.
10.51	3.78 ug/L	162317	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane	114	C8H18	000111-65-9	91
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	80
3			Octane	114	C8H18	000111-65-9	78
4			Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
5			Octane	114	C8H18	000111-65-9	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

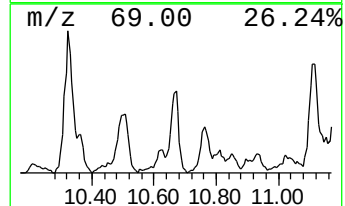
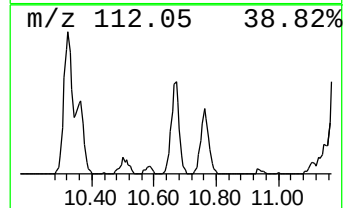
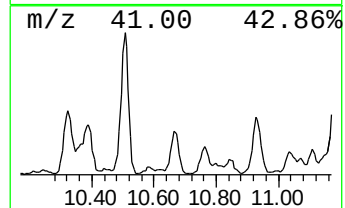
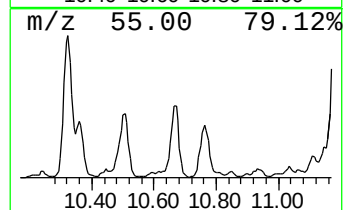
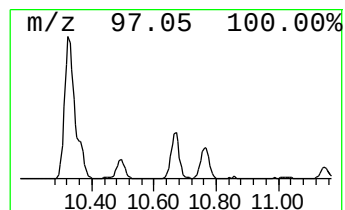
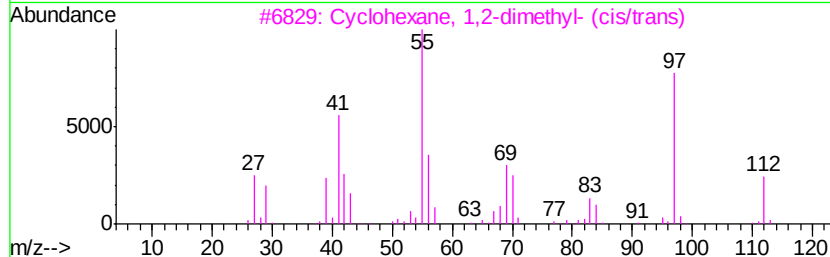
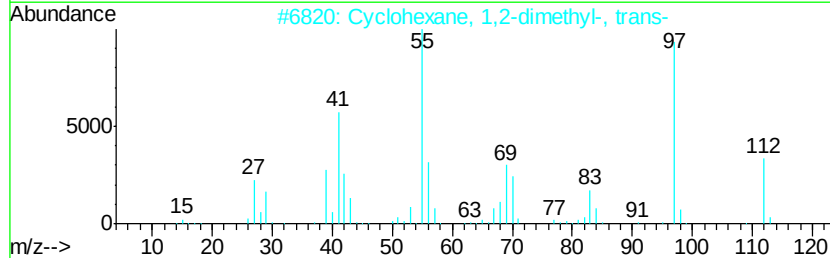
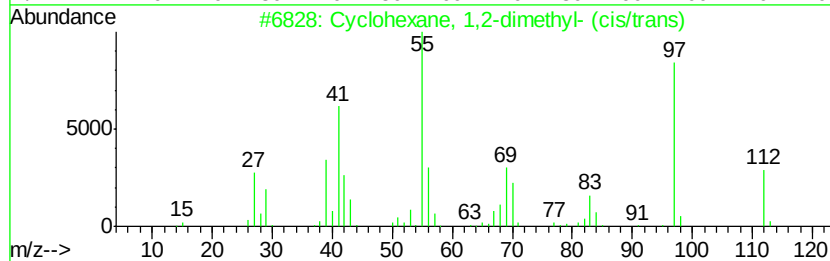
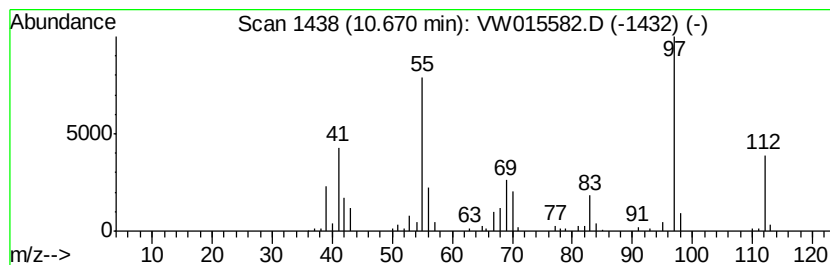
Instrument :
MSVOA_W
ClientSampleId :
BG2K0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic10.67 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.67	1.41 ug/L	60727	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	2-Pyrazoline, 1,3,4-trimethyl-	112	C6H12N2	014044-41-8	83
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

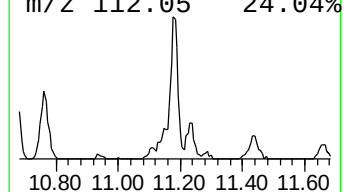
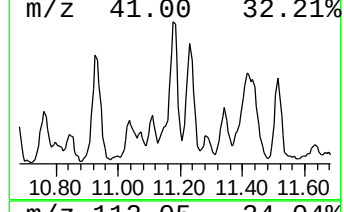
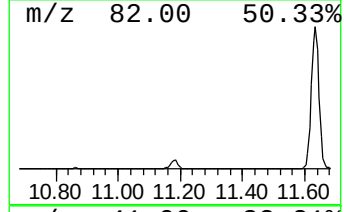
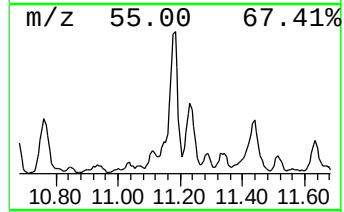
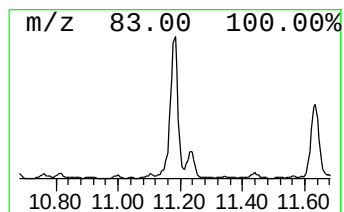
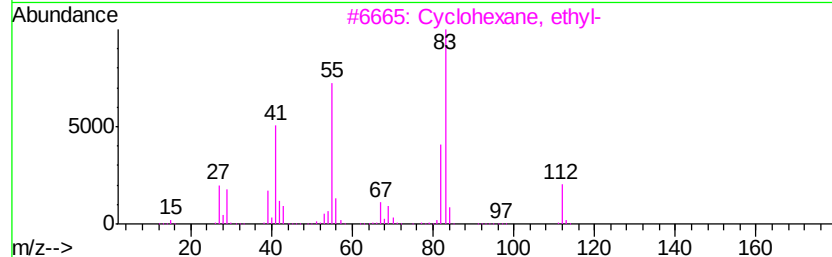
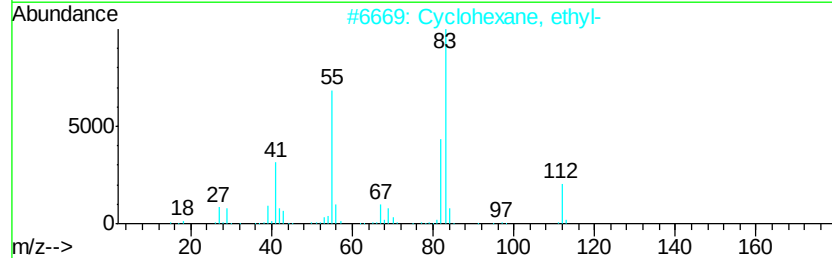
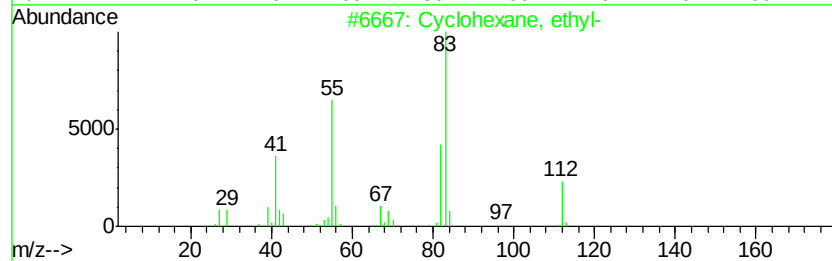
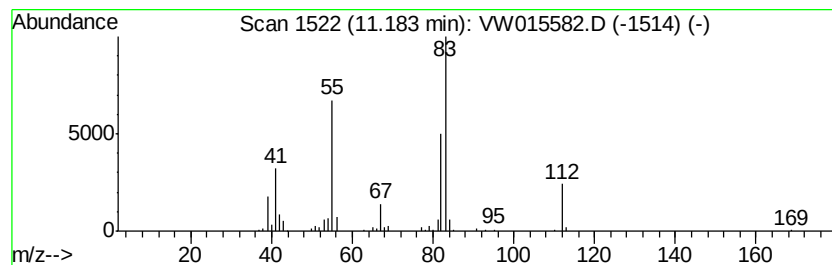
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic11.18 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.41 ug/L	103645	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

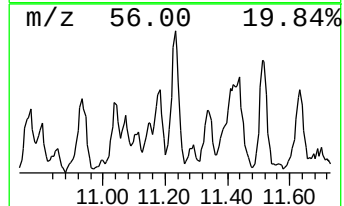
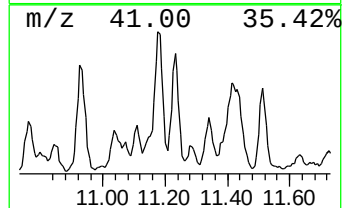
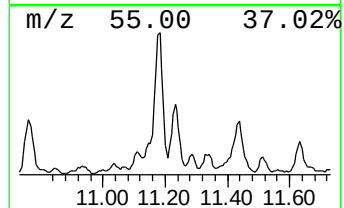
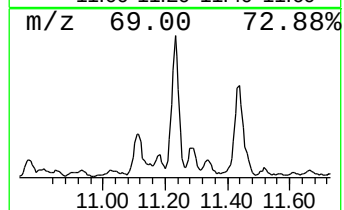
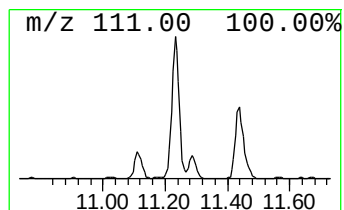
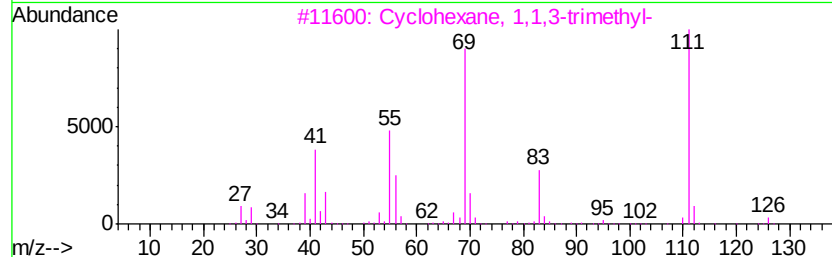
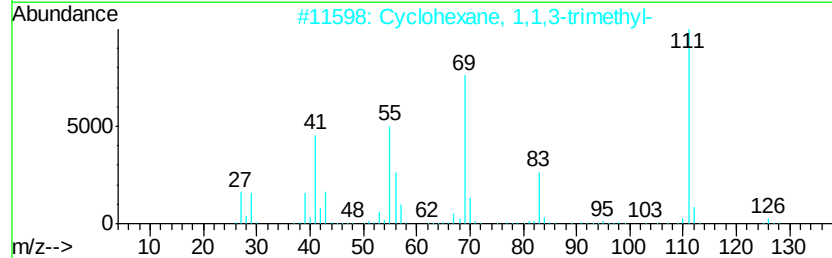
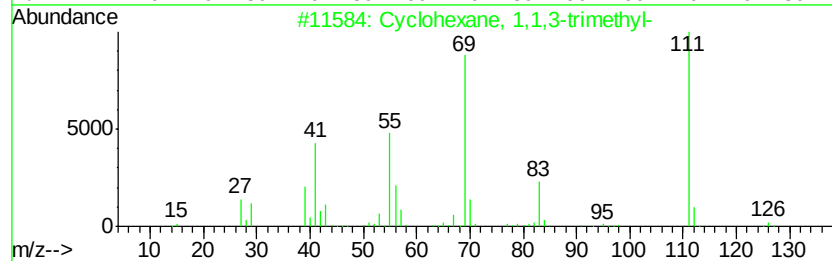
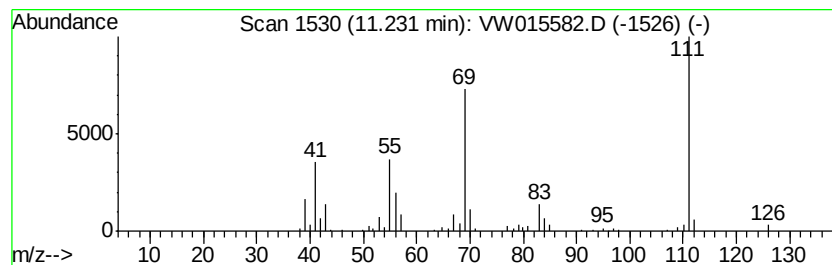
Instrument :
MSVOA_W
ClientSampled :
BG2K0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic11.23 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	1.95 ug/L	83724	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	59
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

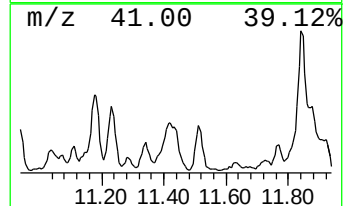
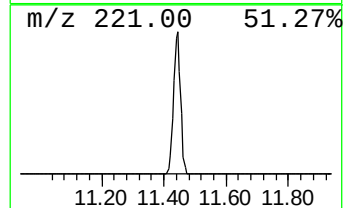
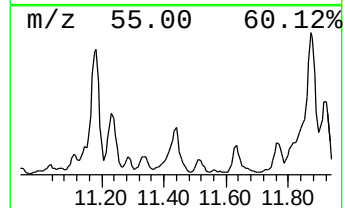
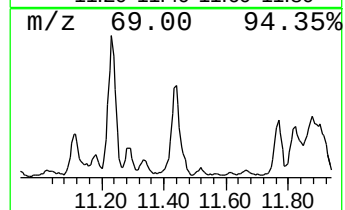
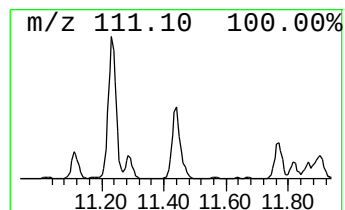
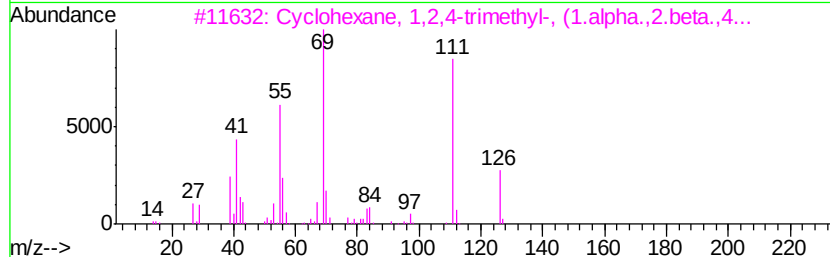
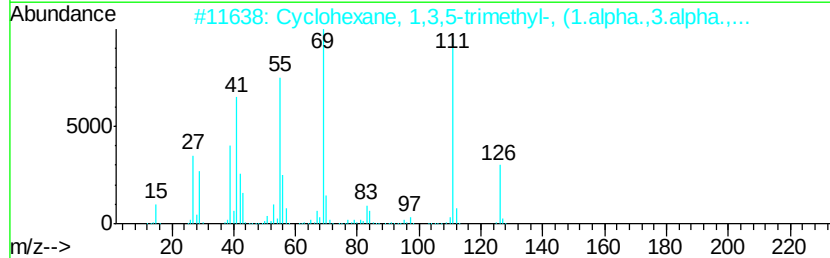
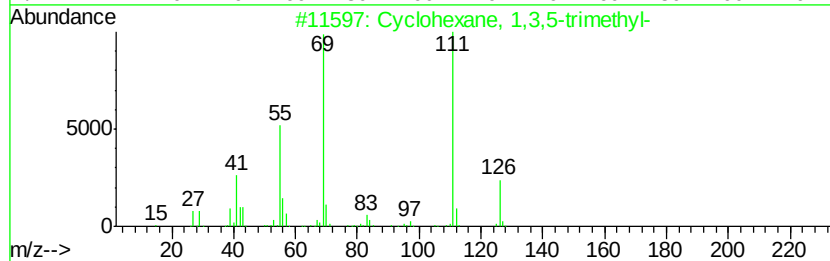
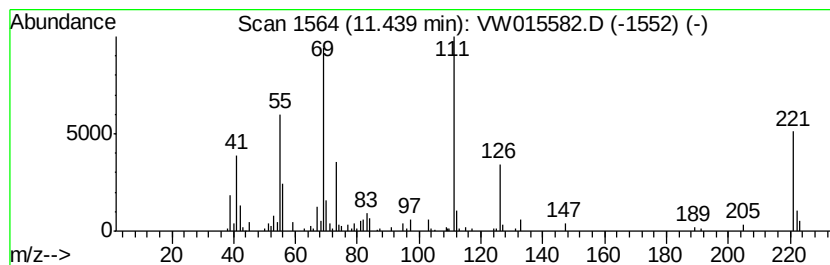
Instrument :
MSVOA_W
ClientSampleId :
BG2K0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic11.44 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.44	3.39 ug/L	145405	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	86
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

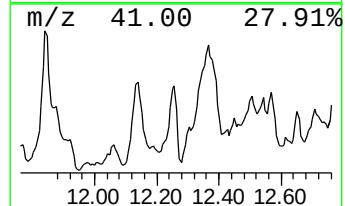
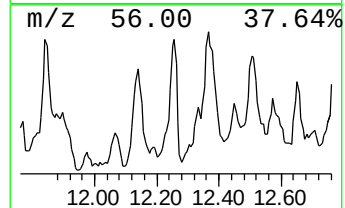
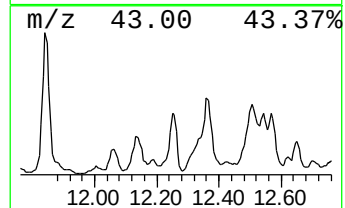
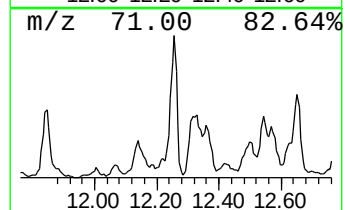
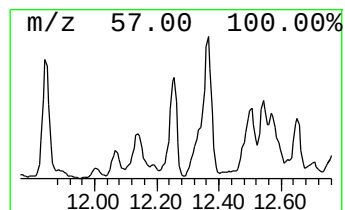
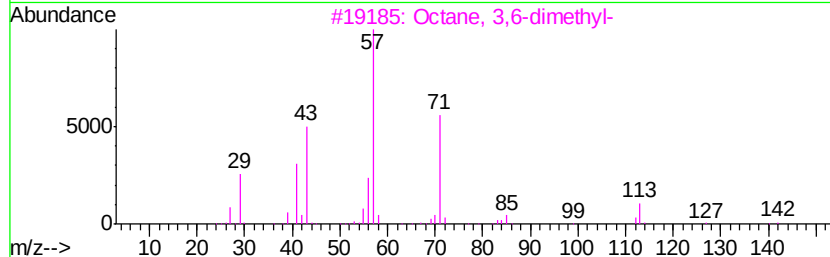
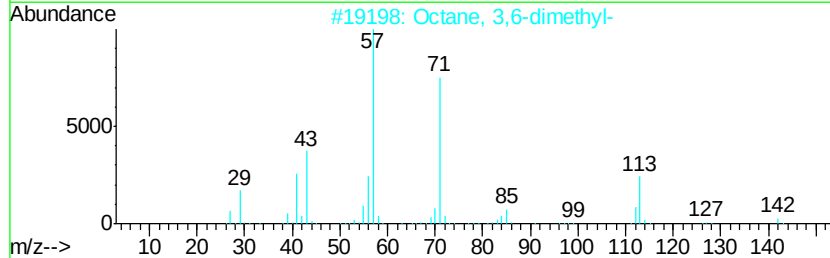
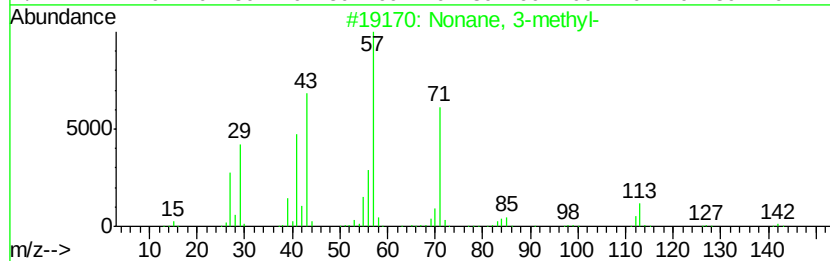
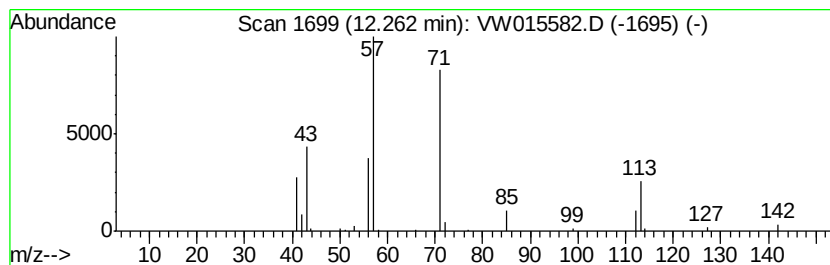
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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.
12.26	1.63 ug/L	70171	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	80
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	80
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

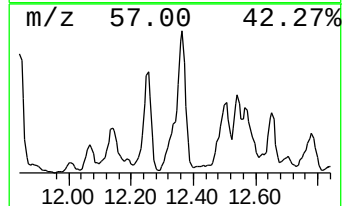
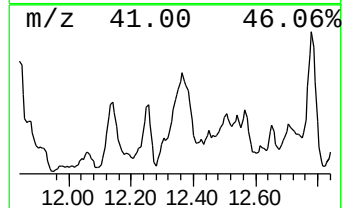
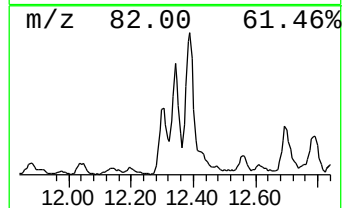
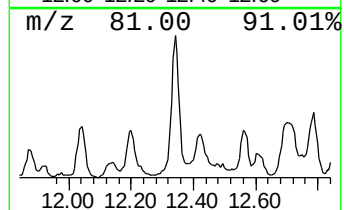
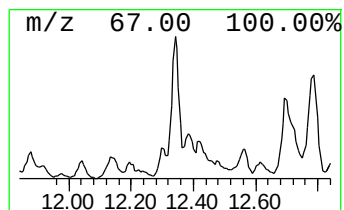
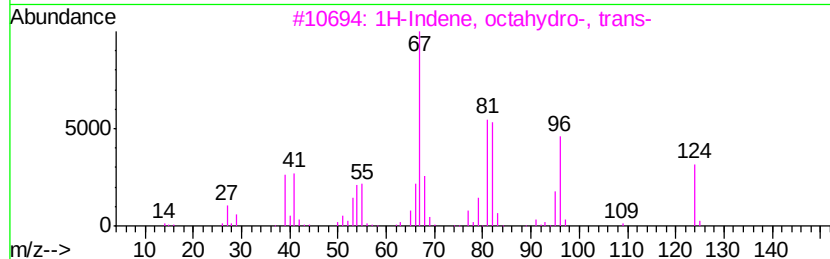
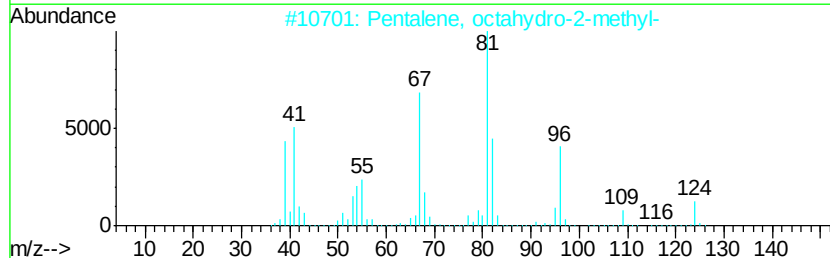
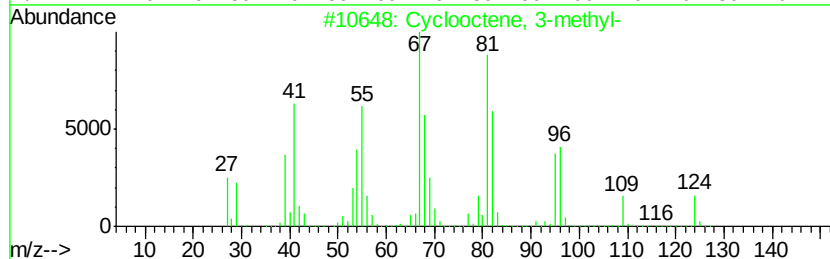
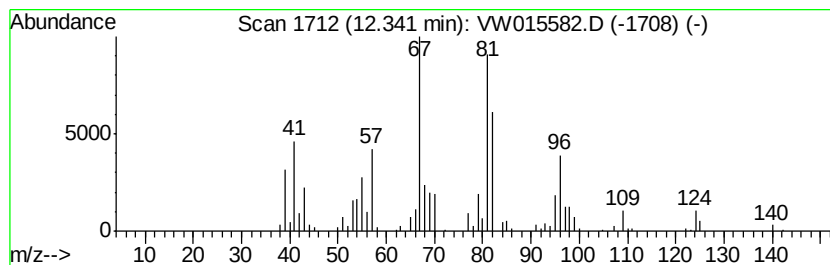
Instrument :
MSVOA_W
ClientSampleId :
BG2K0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 9 Cyclooctene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	2.17 ug/L	93016	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	78
2		Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
3		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	58
4		7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	58
5		1-Octadecyne	250	C18H34	000629-89-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

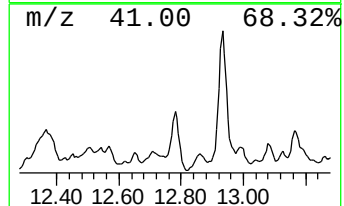
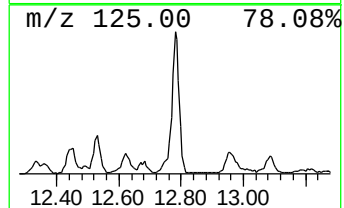
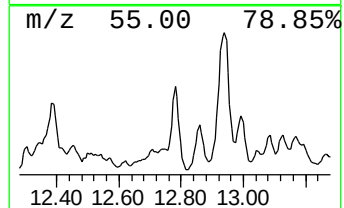
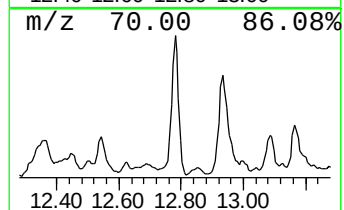
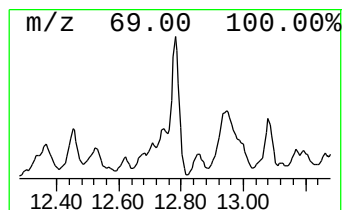
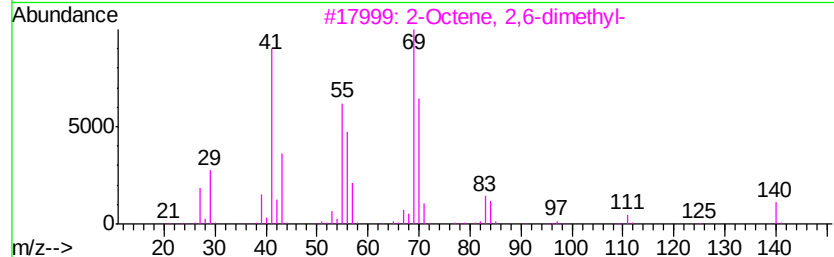
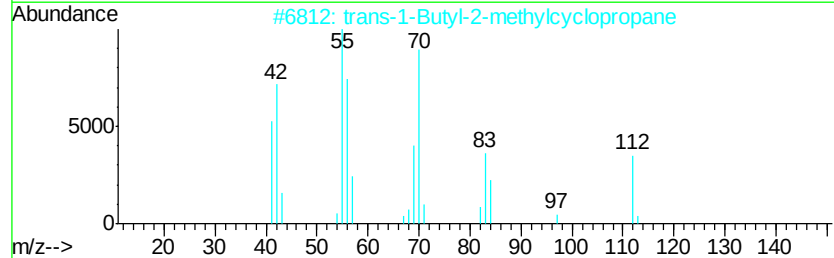
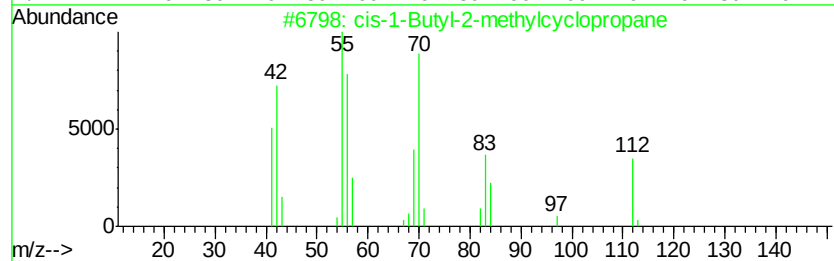
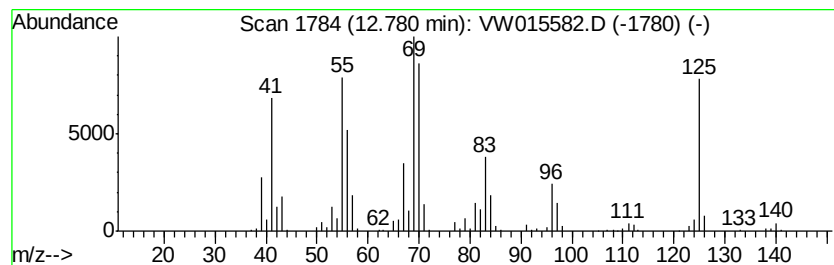
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	7.34 ug/L	281531	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
2		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
4		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38
5		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

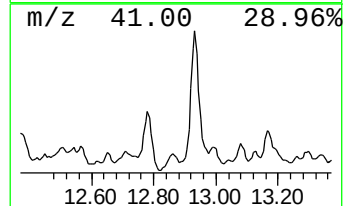
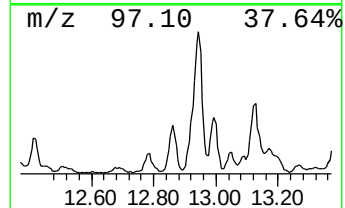
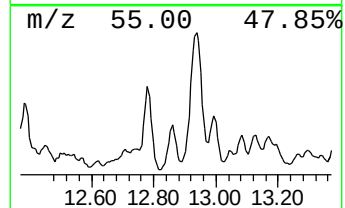
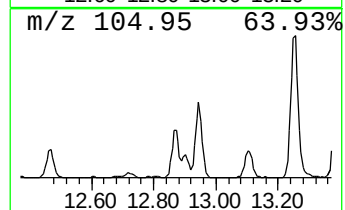
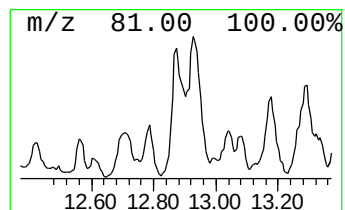
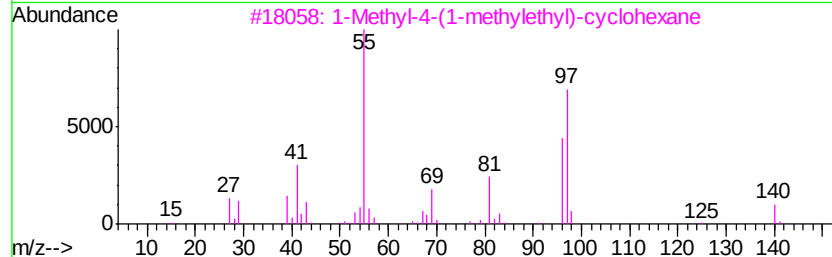
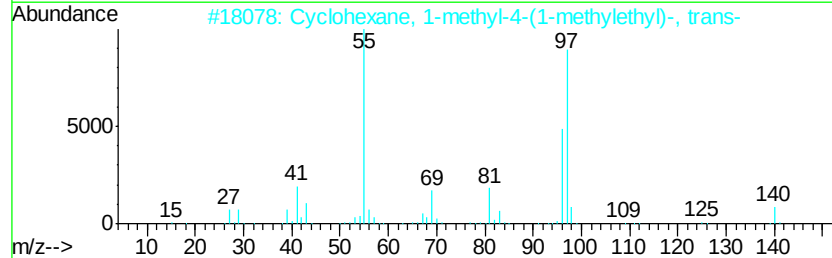
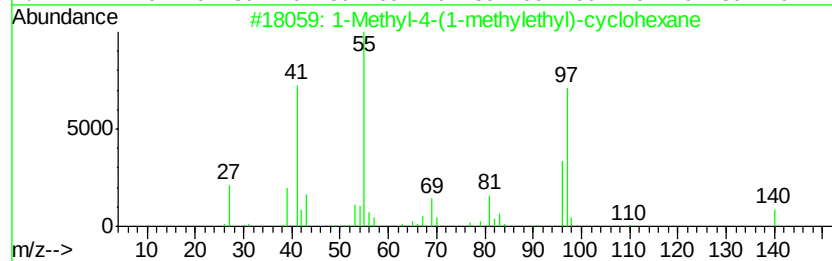
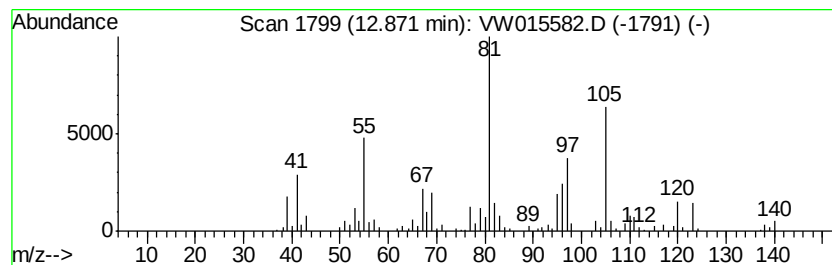
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	3.73 ug/L	143129	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	41
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

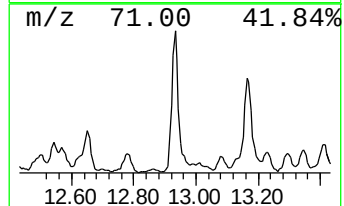
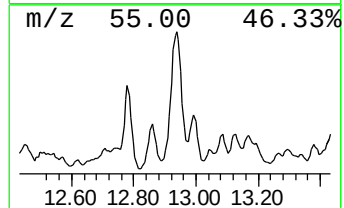
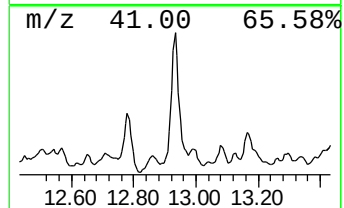
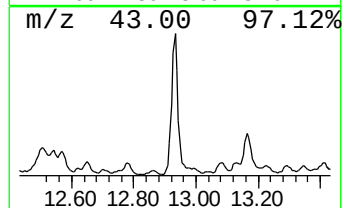
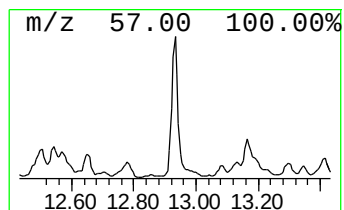
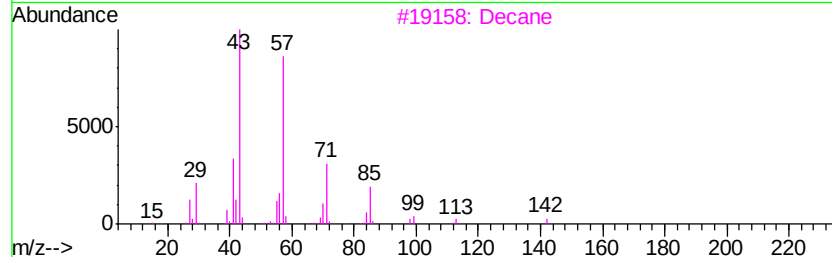
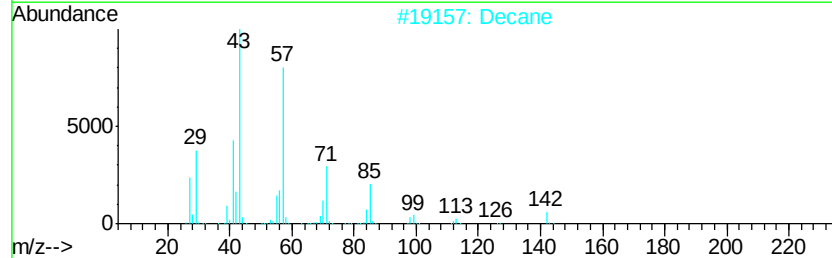
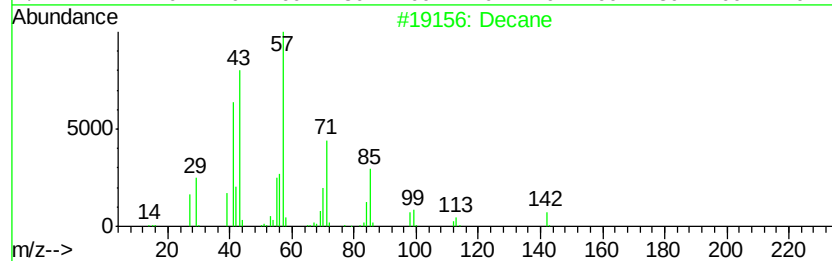
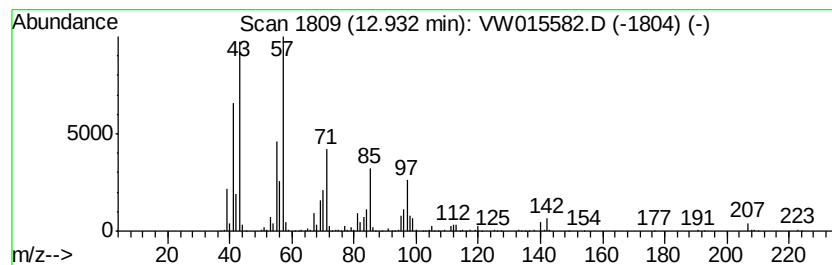
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	13.54 ug/L	519130	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	95
2	Decane			142	C10H22	000124-18-5	93
3	Decane			142	C10H22	000124-18-5	76
4	Oxalic acid, allyl decyl ester			270	C15H26O4	1000309-23-8	72
5	Decane			142	C10H22	000124-18-5	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

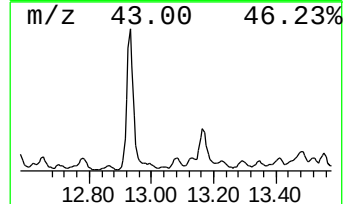
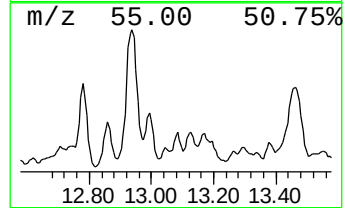
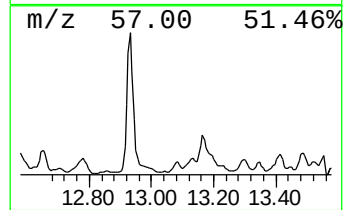
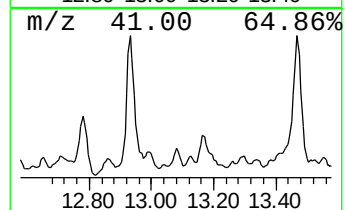
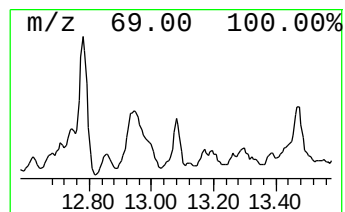
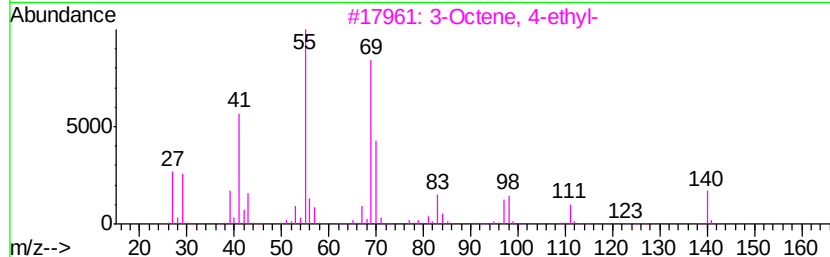
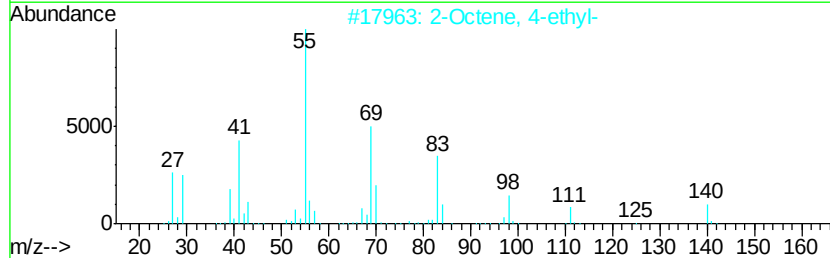
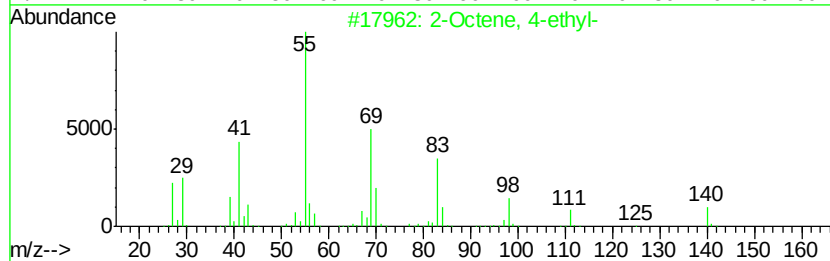
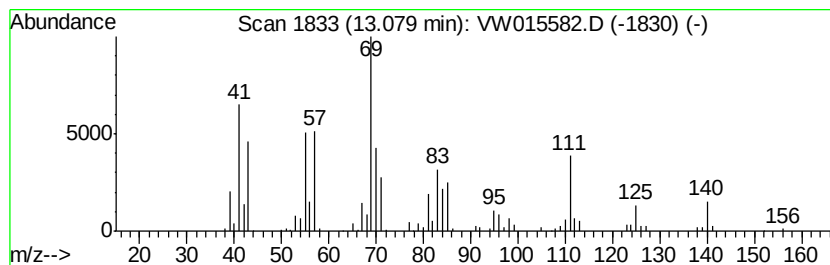
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	1.63 ug/L	62362	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 4-ethyl-	140	C10H20	053966-52-2	49
2			2-Octene, 4-ethyl-	140	C10H20	053966-52-2	49
3			3-Octene, 4-ethyl-	140	C10H20	053966-51-1	46
4			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	43
5			Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

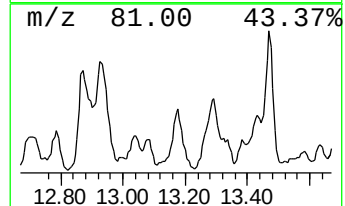
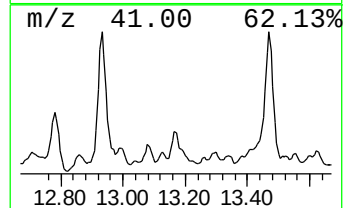
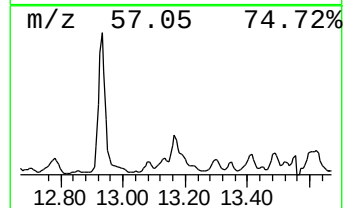
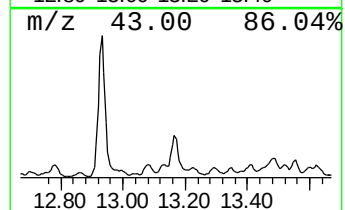
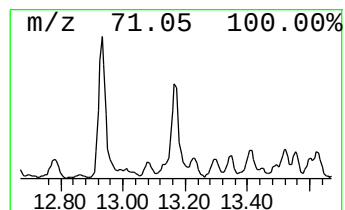
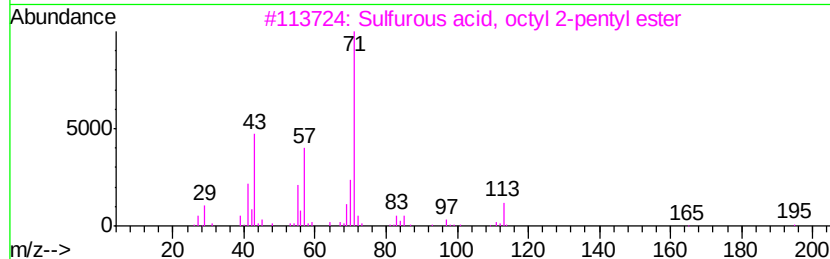
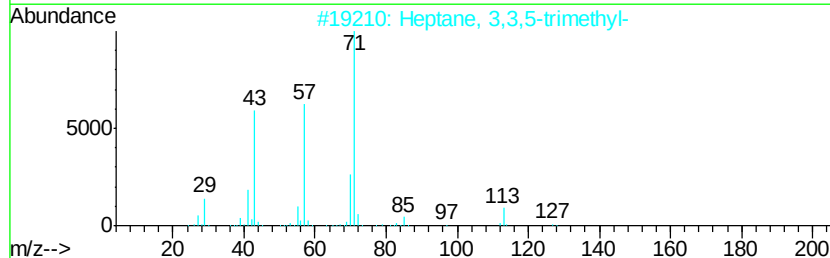
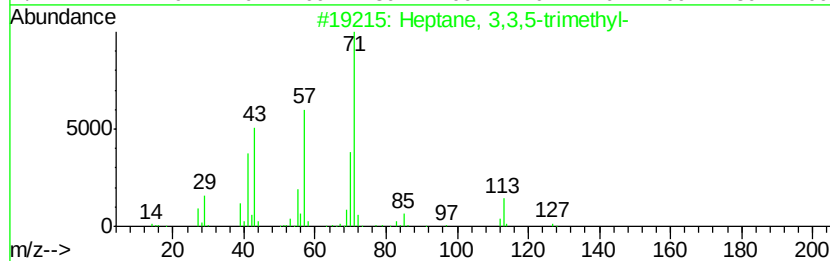
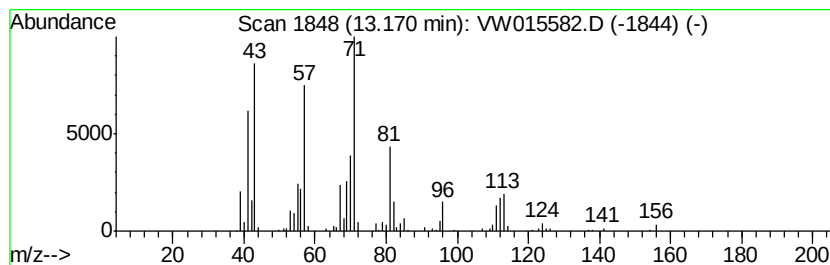
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.26 ug/L	163545	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
3		Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	43
4		3-Bromooctane	192	C8H17Br	000999-64-4	43
5		Decane, 4-methyl-	156	C11H24	002847-72-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

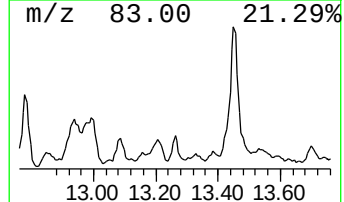
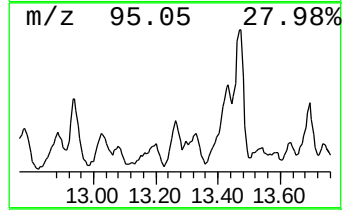
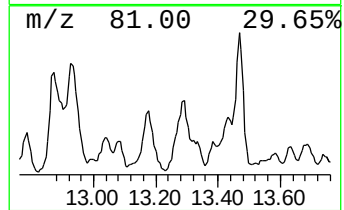
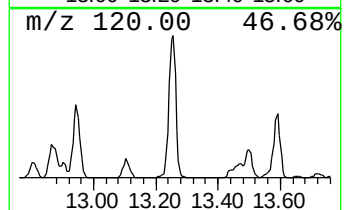
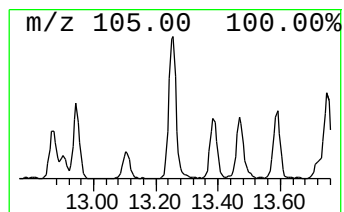
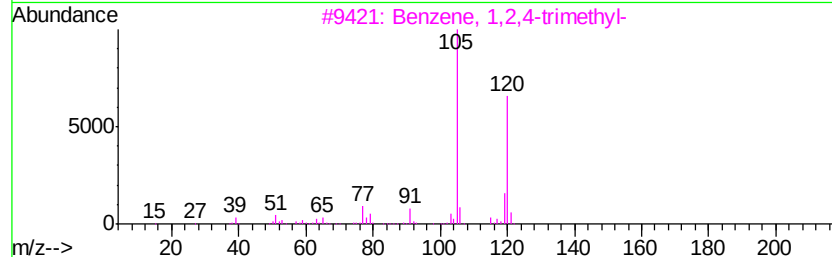
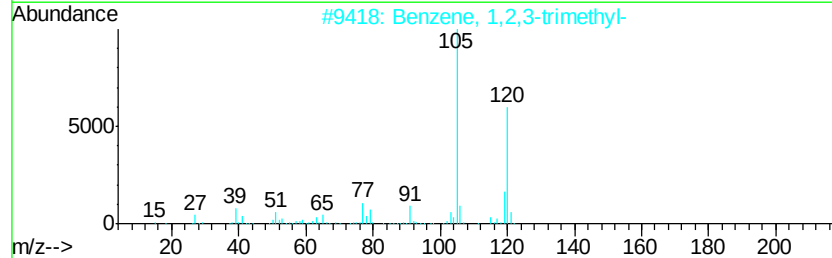
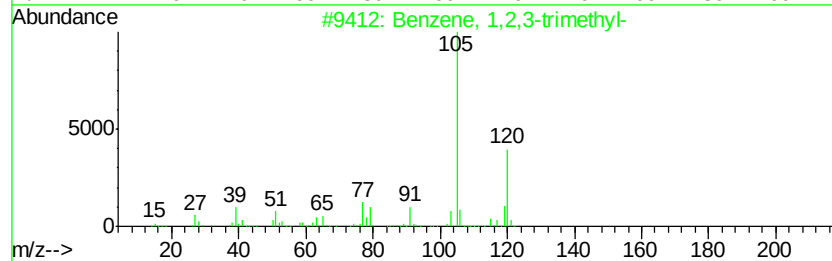
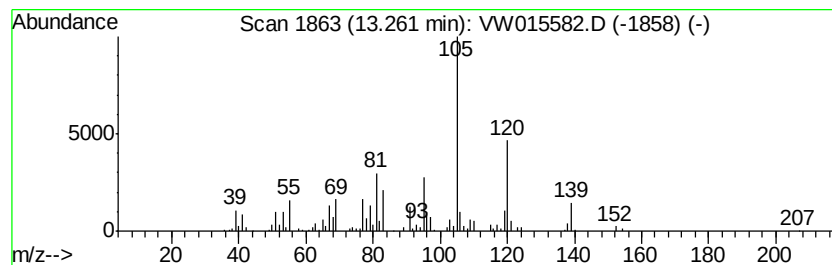
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.41 ug/L	92485	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

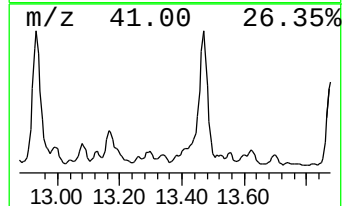
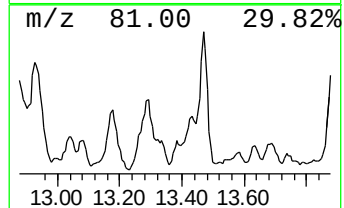
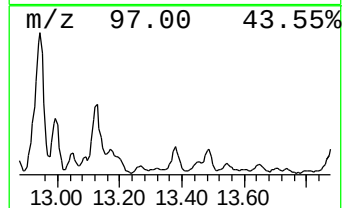
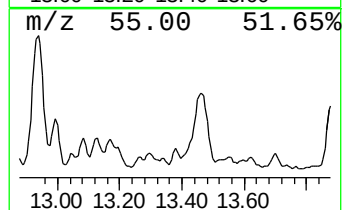
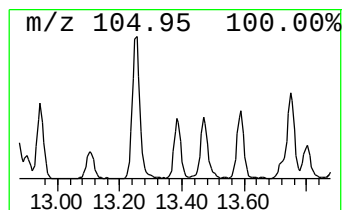
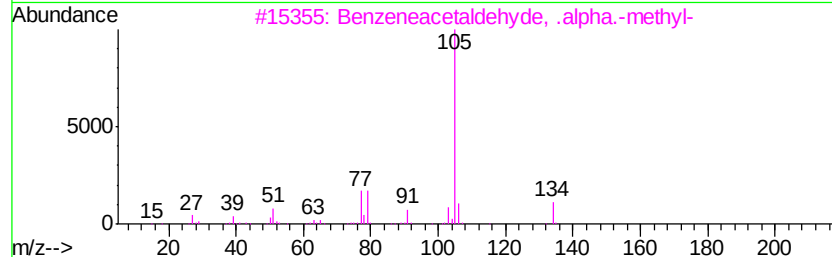
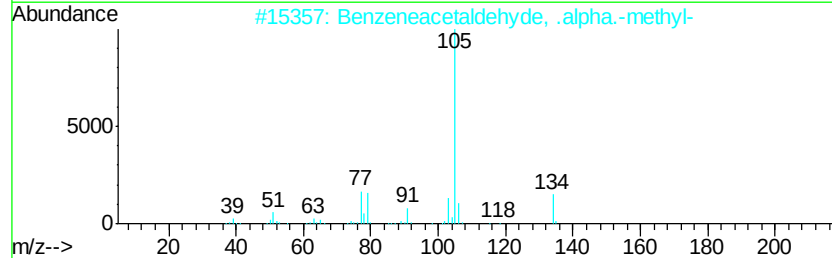
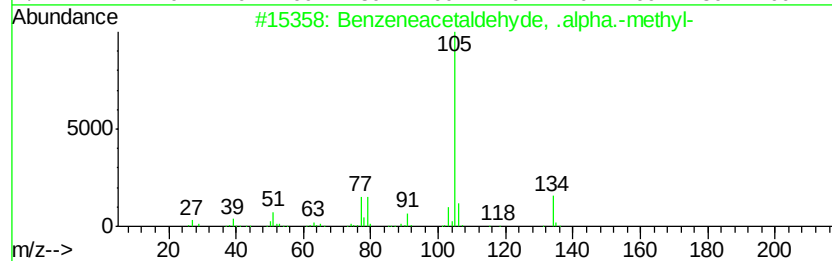
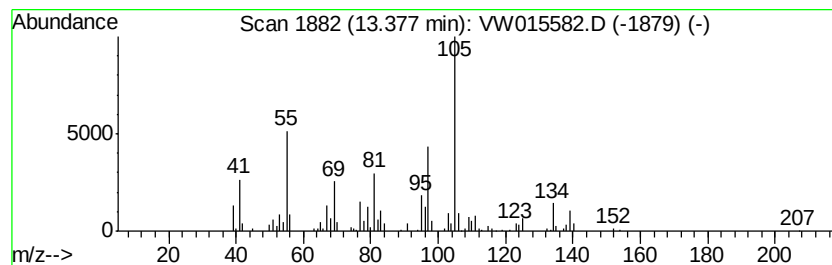
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 16 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	1.30 ug/L	49867	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
2			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	46
4			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	46
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2K0

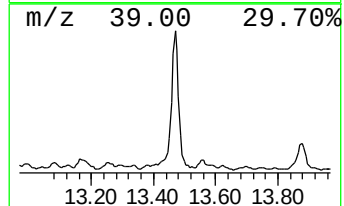
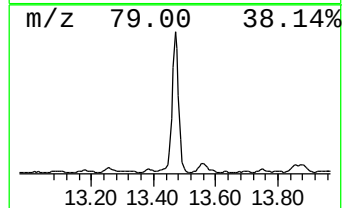
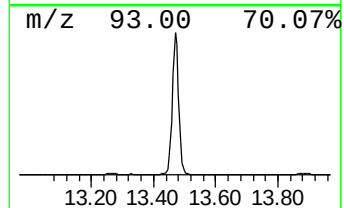
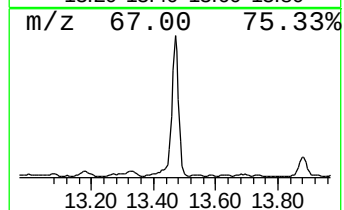
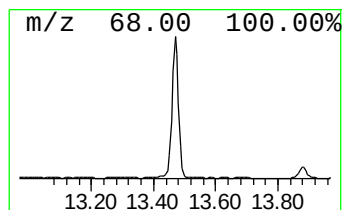
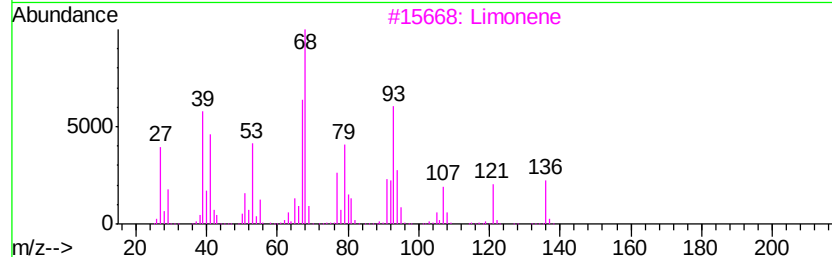
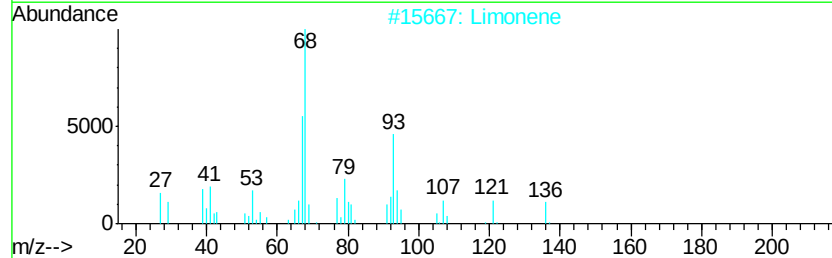
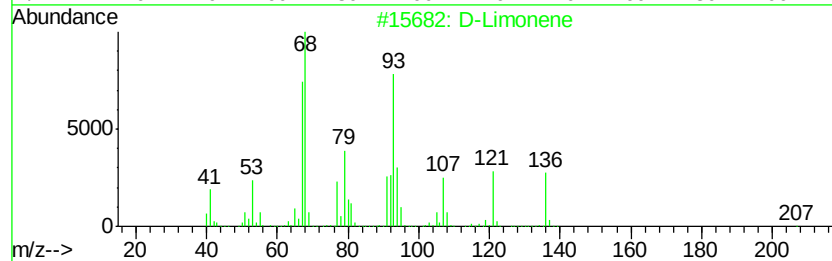
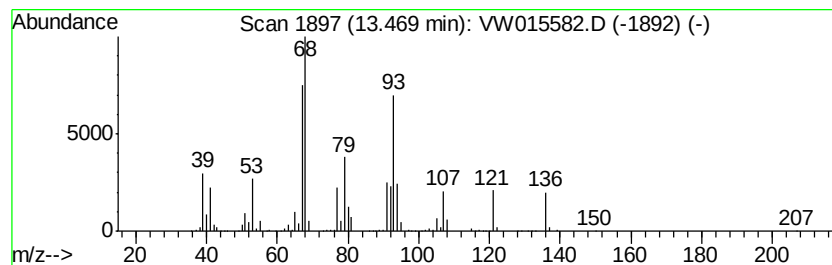
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 17 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	31.37 ug/L	1203290	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	95
2		Limonene	136	C10H16	000138-86-3	94
3		Limonene	136	C10H16	000138-86-3	94
4		D-Limonene	136	C10H16	005989-27-5	89
5		D-Limonene	136	C10H16	005989-27-5	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

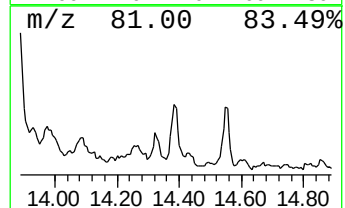
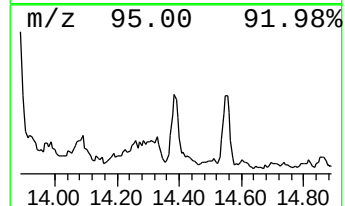
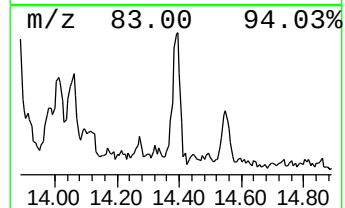
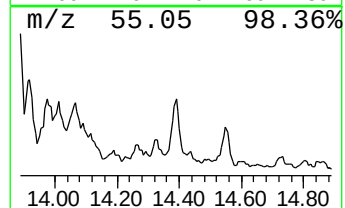
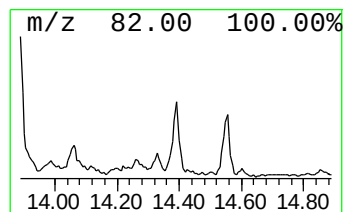
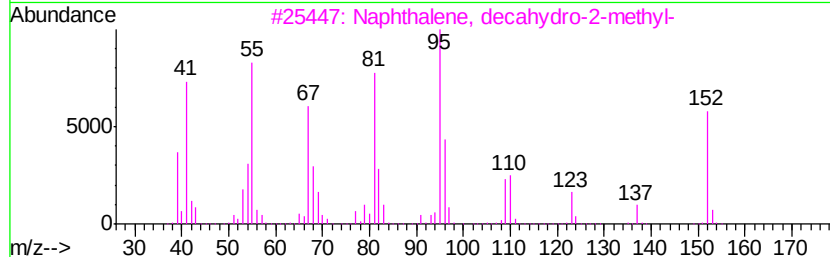
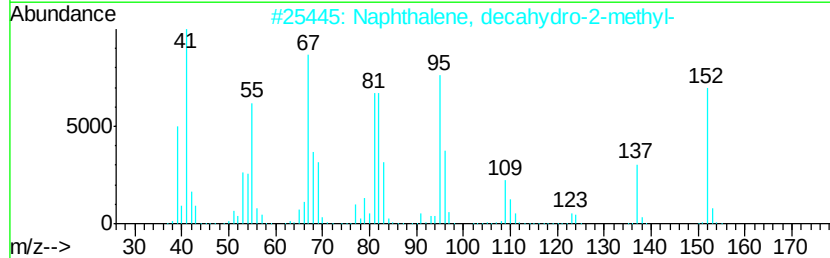
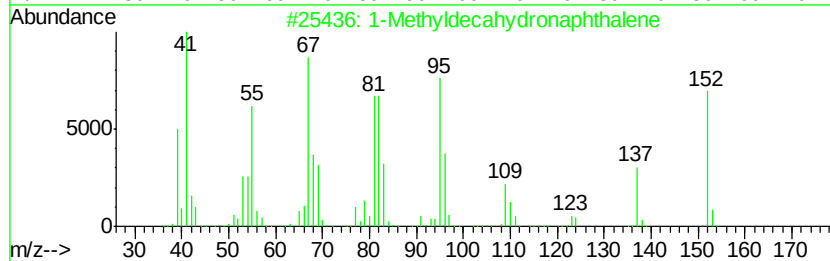
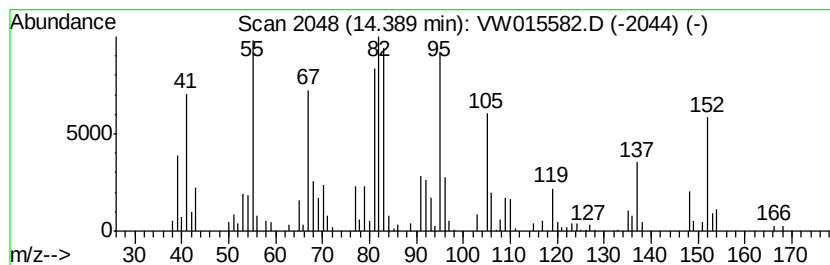
Instrument :
MSVOA_W
ClientSampleId :
BG2K0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 18 1-Methyldecahydronaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	1.33 ug/L	51037	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 55
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 55
3		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 41
4		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 38
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	006876-13-7 30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061120\
Data File : VW015582.D
Acq On : 11 Jun 2020 12:20
Operator : SY/VA
Sample : L2959-06
Misc : 4.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG2K0

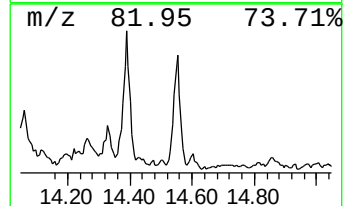
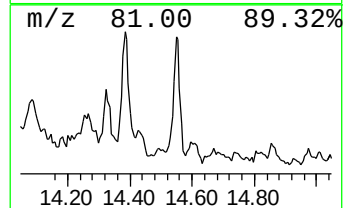
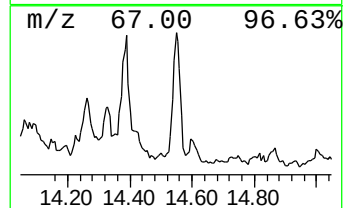
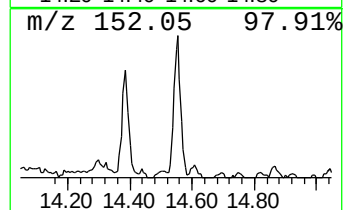
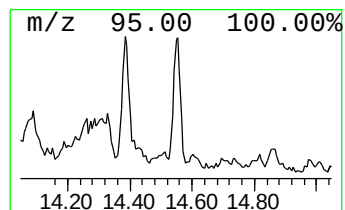
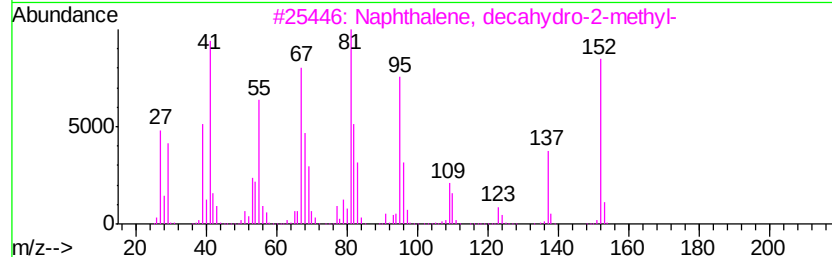
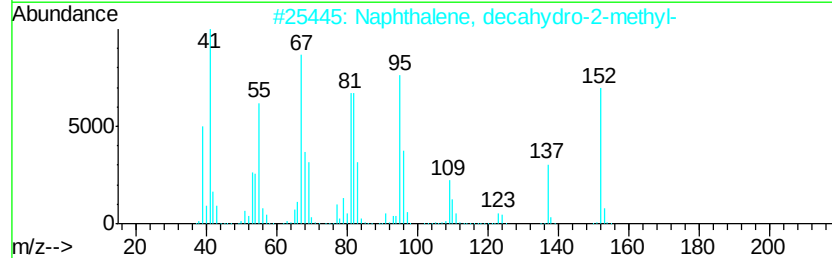
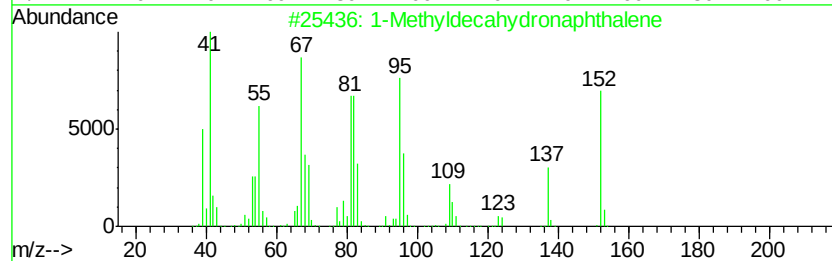
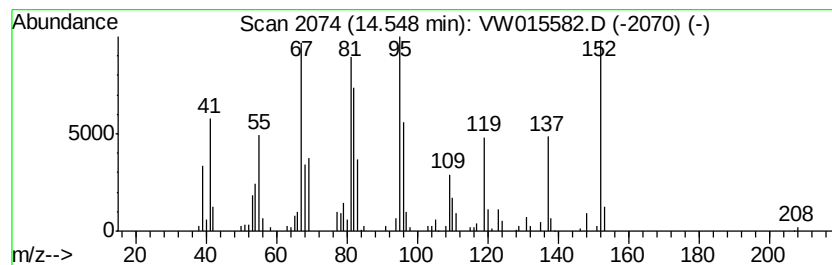
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	1.61 ug/L	61650	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061120\
 Data File : VW015582.D
 Acq On : 11 Jun 2020 12:20
 Operator : SY/VA
 Sample : L2959-06
 Misc : 4.36G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2K0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.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
(DEL) Alkane: Str...	10.10	1.9	ug/L	69793	1	8.85	922443	25.0
(DEL) Alkane: Str...	10.51	3.8	ug/L	162317	2	11.63	1073300	25.0
(DEL) Alkane: Cyc...	10.67	1.4	ug/L	60727	2	11.63	1073300	25.0
(DEL) Alkane: Cyc...	11.18	2.4	ug/L	103645	2	11.63	1073300	25.0
(DEL) Alkane: Cyc...	11.23	2.0	ug/L	83724	2	11.63	1073300	25.0
(DEL) Alkane: Cyc...	11.44	3.4	ug/L	145405	2	11.63	1073300	25.0
(DEL) Alkane: Str...	12.26	1.6	ug/L	70171	2	11.63	1073300	25.0
Cyclooctene, 3-me...	12.34	2.2	ug/L	93016	2	11.63	1073300	25.0
(DEL) Alkane: Str...	12.78	7.3	ug/L	281531	3	13.56	958835	25.0
(DEL) Alkane: Str...	12.87	3.7	ug/L	143129	3	13.56	958835	25.0
(DEL) Alkane: Str...	12.93	13.5	ug/L	519130	3	13.56	958835	25.0
(DEL) Alkane: Str...	13.08	1.6	ug/L	62362	3	13.56	958835	25.0
(DEL) Alkane: Str...	13.17	4.3	ug/L	163545	3	13.56	958835	25.0
Benzene, 1,2,3-tr...	13.26	2.4	ug/L	92485	3	13.56	958835	25.0
unknown-01	13.38	1.3	ug/L	49867	3	13.56	958835	25.0
D-Limonene	13.47	31.4	ug/L	1203290	3	13.56	958835	25.0
1-Methyldecahydro...	14.39	1.3	ug/L	51037	3	13.56	958835	25.0
Naphthalene, deca...	14.55	1.6	ug/L	61650	3	13.56	958835	25.0