

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
 Data File : VW014675.D
 Acq On : 16 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

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	1.965	6	10	13	rBV5	3852	6107	0.002%	0.005%
2	2.160	37	42	47	rBV2	13418	25783	0.007%	0.020%
3	2.349	67	73	81	rBV	244392	409503	1.14%	0.322%
4	2.885	154	161	172	rVB	162761	368248	1.02%	0.290%
5	3.452	251	254	255	rBV2	702	789	0.000%	0.001%
6	3.519	263	265	267	rBV3	874	880	0.000%	0.001%
7	3.592	275	277	282	rVB4	849	1021	0.000%	0.001%
8	3.678	286	291	294	rBV4	1325	1975	0.001%	0.002%
9	3.897	325	327	333	rBV5	508	765	0.000%	0.001%
10	4.013	333	346	359	rBV	349667	1026517	2.85%	0.807%
11	4.117	359	363	375	rVB	14369	39486	0.11%	0.031%
12	4.312	391	395	397	rVB4	681	1010	0.000%	0.001%
13	4.379	399	406	407	rBV3	3099	4626	0.001%	0.004%
14	4.617	440	445	446	rBV	1099	778	0.000%	0.001%
15	4.909	481	493	511	rBV2	77378	260345	0.72%	0.205%
16	5.025	511	512	517	rVB3	876	1185	0.000%	0.001%
17	5.062	517	518	520	rBV2	917	768	0.000%	0.001%
18	5.153	524	533	535	rBV5	2151	3839	0.001%	0.003%
19	5.379	565	570	571	rBV3	590	985	0.000%	0.001%
20	5.635	609	612	616	rBV3	625	907	0.000%	0.001%
21	5.775	630	635	637	rBV4	1267	2037	0.001%	0.002%
22	5.934	651	661	672	rVV5	8269	27639	0.008%	0.022%
23	6.013	672	674	680	rVB3	620	1135	0.000%	0.001%
24	6.330	724	726	729	rBV2	853	1004	0.000%	0.001%
25	6.391	733	736	737	rBV2	928	887	0.000%	0.001%
26	6.415	737	740	742	rVB2	653	810	0.000%	0.001%
27	6.501	752	754	757	rBV2	746	739	0.000%	0.001%
28	6.592	765	769	772	rVB2	543	876	0.000%	0.001%
29	6.732	787	792	795	rBV2	673	1369	0.000%	0.001%
30	6.885	814	817	821	rBV3	828	1644	0.000%	0.001%
31	6.921	821	823	826	rVB3	775	883	0.000%	0.001%
32	6.994	831	835	836	rBV3	726	827	0.000%	0.001%
33	7.074	839	848	853	rBV2	69513	191375	0.53%	0.150%
34	7.470	911	913	917	rVB2	1129	1264	0.000%	0.001%

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
 Data File : VW014675.D
 Acq On : 16 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

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

35	7.647	931	942	957	rBV	443026	1084567	3.01%	0.853%
36	7.939	985	990	999	rBV7	2550	6198	0.02%	0.005%
37	8.061	1007	1010	1013	rBV3	774	803	0.00%	0.001%
38	8.268	1031	1044	1061	rBV2	940142	2724812	7.57%	2.142%
39	8.512	1082	1084	1087	rBV3	991	802	0.00%	0.001%
40	8.622	1101	1102	1108	rVB	1583	1602	0.00%	0.001%
41	8.683	1108	1112	1114	rBV2	1592	2653	0.01%	0.002%
42	8.842	1129	1138	1151	rBV	1054229	2100046	5.83%	1.651%
43	9.073	1170	1176	1184	rVB8	3048	7130	0.02%	0.006%
44	9.201	1195	1197	1200	rBV2	781	1022	0.00%	0.001%
45	9.274	1200	1209	1219	rBV	594524	1221791	3.39%	0.961%
46	9.665	1267	1273	1281	rVB5	3034	7335	0.02%	0.006%
47	9.847	1302	1303	1308	rVB3	880	992	0.00%	0.001%
48	9.884	1308	1309	1313	rBV	927	716	0.00%	0.001%
49	10.030	1323	1333	1344	rBV	303556	558358	1.55%	0.439%
50	10.213	1358	1363	1367	rVV2	5700	9402	0.03%	0.007%
51	10.323	1372	1381	1388	rBV	1247145	2191806	6.09%	1.723%
52	10.384	1388	1391	1401	rVB	25562	46441	0.13%	0.037%
53	10.488	1403	1408	1409	rBV4	1881	1978	0.01%	0.002%
54	10.573	1415	1422	1430	rBV	187187	329788	0.92%	0.259%
55	10.701	1437	1443	1449	rVB2	19697	32685	0.09%	0.026%
56	10.859	1464	1469	1474	rVV6	4358	8582	0.02%	0.007%
57	10.920	1474	1479	1494	rVV	256416	443423	1.23%	0.349%
58	11.061	1497	1502	1510	rVB2	29134	53851	0.15%	0.042%
59	11.177	1515	1521	1528	rBV2	15953	29524	0.08%	0.023%
60	11.433	1560	1563	1572	rVB4	14937	29322	0.08%	0.023%
61	11.628	1588	1595	1604	rBV	1246765	2080752	5.78%	1.636%
62	11.731	1608	1612	1619	rVV2	14931	27173	0.08%	0.021%
63	11.798	1620	1623	1626	rVV5	3961	7000	0.02%	0.006%
64	11.841	1626	1630	1638	rVB8	8168	17447	0.05%	0.014%
65	11.932	1641	1645	1650	rBV7	4304	8210	0.02%	0.006%
66	12.042	1661	1663	1666	rVB4	1405	1235	0.00%	0.001%
67	12.182	1679	1686	1693	rBV	85096	148132	0.41%	0.116%
68	12.609	1750	1756	1762	rVB	36323	62716	0.17%	0.049%
69	12.688	1763	1769	1778	rBV	343606	573213	1.59%	0.451%
70	12.859	1785	1797	1805	rBV5	51382	235858	0.66%	0.185%
71	13.298	1856	1869	1875	rBV3	271042	652093	1.81%	0.513%

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
 Data File : VW014675.D
 Acq On : 16 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

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

72	13.560	1905	1912	1913	rBV	792546	1195124	3.32%	0.940%
73	13.713	1933	1937	1940	rBV4	17545	30714	0.09%	0.024%
74	13.786	1940	1949	1954	rBV	628242	1036946	2.88%	0.815%
75	13.853	1954	1960	1969	rBV	558896	1026941	2.85%	0.807%
76	13.944	1969	1975	1981	rBV4	222856	422355	1.17%	0.332%
77	14.036	1981	1990	1995	rBV2	1199402	2429611	6.75%	1.910%
78	14.097	1995	2000	2005	rVB	1341648	2006641	5.57%	1.578%
79	14.158	2005	2010	2013	rBV	902925	1522348	4.23%	1.197%
80	14.200	2013	2017	2022	rVV2	2468229	4049307	11.25%	3.184%
81	14.249	2022	2025	2028	rVB	545955	643322	1.79%	0.506%
82	14.334	2035	2039	2044	rVB	2644073	3950269	10.97%	3.106%
83	14.420	2044	2053	2056	rBV	4741553	8253197	22.93%	6.489%
84	14.456	2056	2059	2063	rVV	4565071	5948398	16.53%	4.677%
85	14.499	2063	2066	2069	rVB	1457025	1700280	4.72%	1.337%
86	14.536	2069	2072	2075	rBV	694198	914997	2.54%	0.719%
87	14.639	2085	2089	2093	rVB	819653	1137594	3.16%	0.894%
88	14.688	2093	2097	2101	rBV3	892068	1770652	4.92%	1.392%
89	14.731	2101	2104	2108	rVB	952794	1281540	3.56%	1.008%
90	14.792	2108	2114	2121	rBV2	20824581	35995108	100.00%	28.299%
91	14.859	2121	2125	2133	rVV2	998891	1846679	5.13%	1.452%
92	14.956	2136	2141	2149	rBV2	2882680	4858939	13.50%	3.820%
93	15.066	2154	2159	2162	rBV2	2255468	3705811	10.30%	2.913%
94	15.176	2171	2177	2183	rVB2	2563509	5636048	15.66%	4.431%
95	15.310	2196	2199	2206	rVB2	1174384	2010316	5.58%	1.580%
96	15.420	2213	2217	2221	rBV	654431	1267195	3.52%	0.996%
97	15.468	2221	2225	2237	rVB2	1297836	3339787	9.28%	2.626%
98	15.950	2299	2304	2310	rVB	847298	1559692	4.33%	1.226%
99	16.176	2336	2341	2350	rVB2	812316	1665013	4.63%	1.309%
100	16.645	2410	2418	2430	rVB	3790909	8892786	24.71%	6.991%

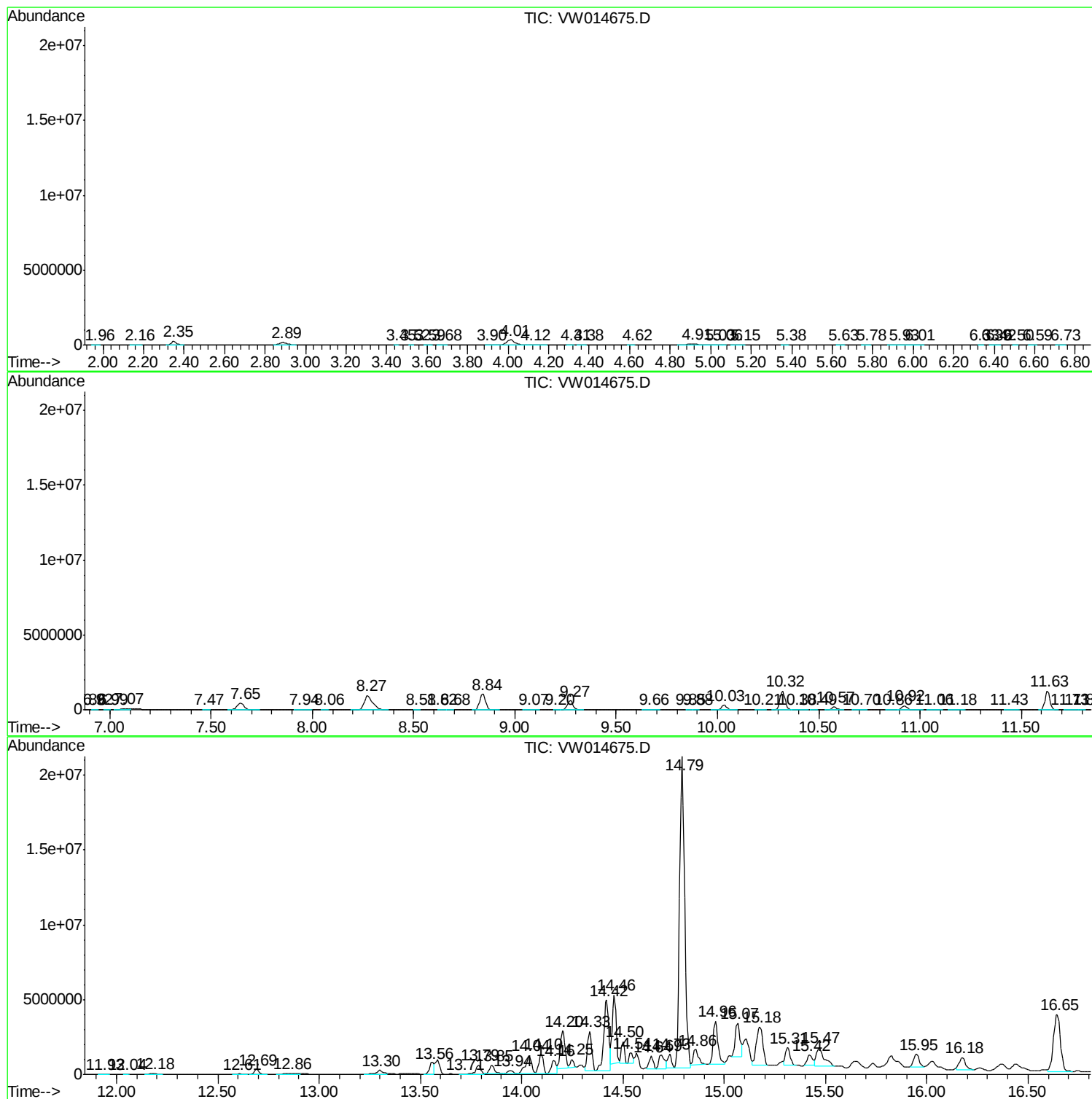
Sum of corrected areas: 127195074

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

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:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
 Data File : VW014675.D
 Acq On : 16 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

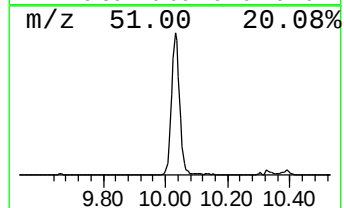
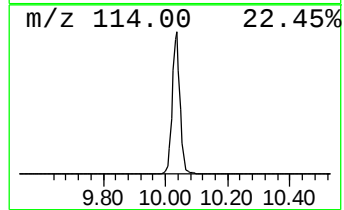
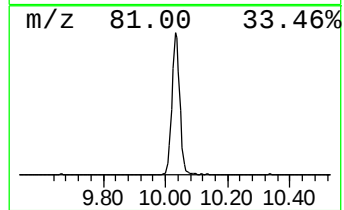
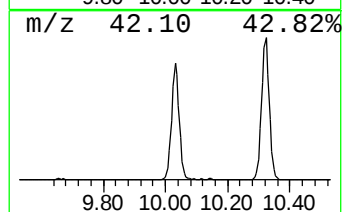
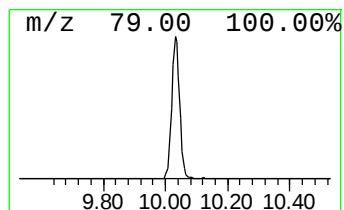
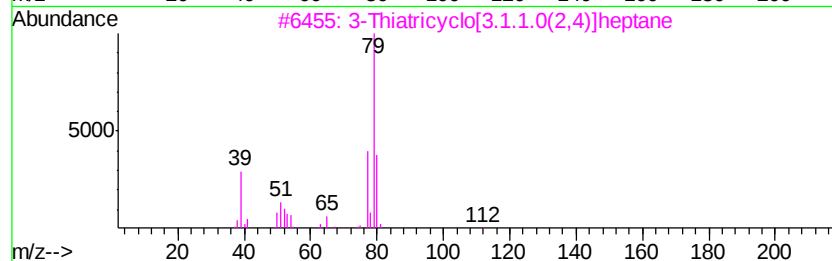
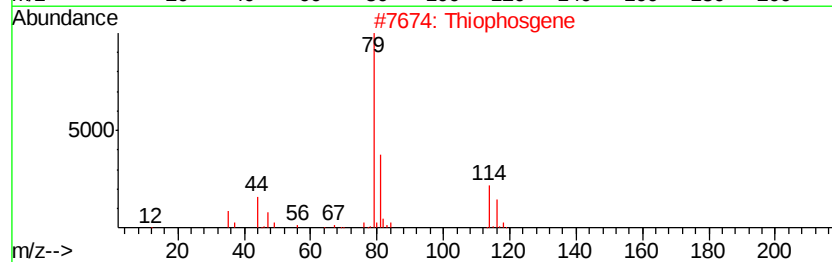
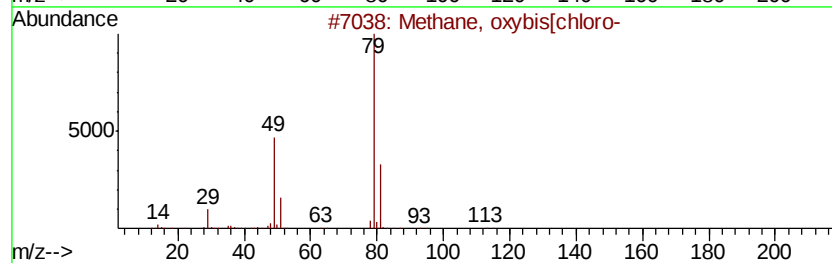
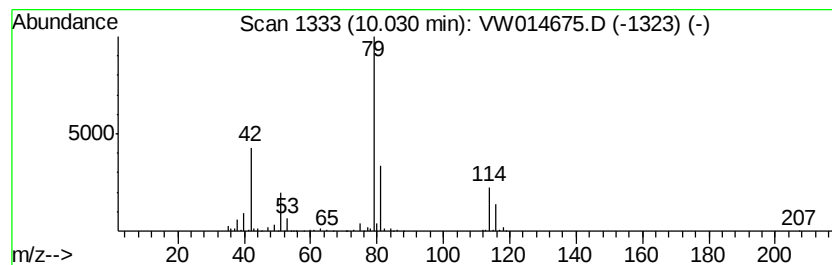
Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

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

 Peak Number 1 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	6.65 ug/L	558358	1,4-Difluorobenzene	8.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	47
2	Thiophosgene	114	CCl2S	000463-71-8	38
3	3-Thiatricvclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	37
4	1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
5	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

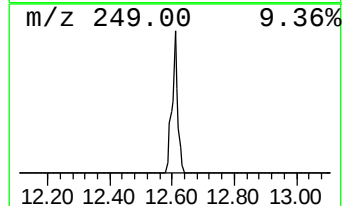
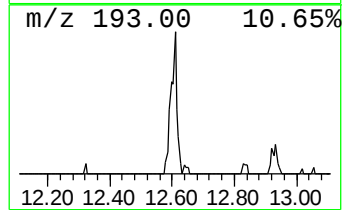
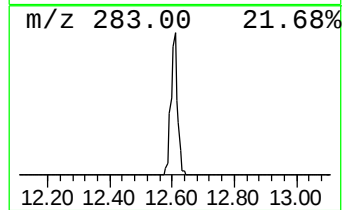
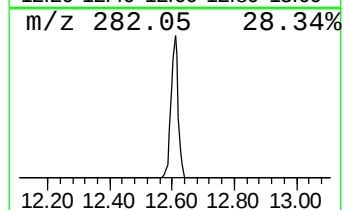
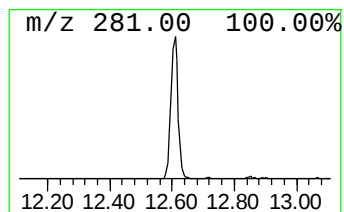
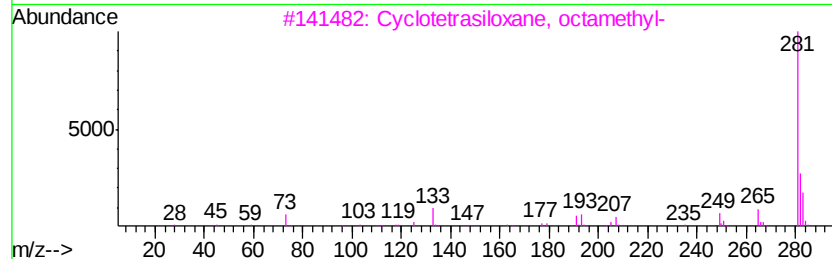
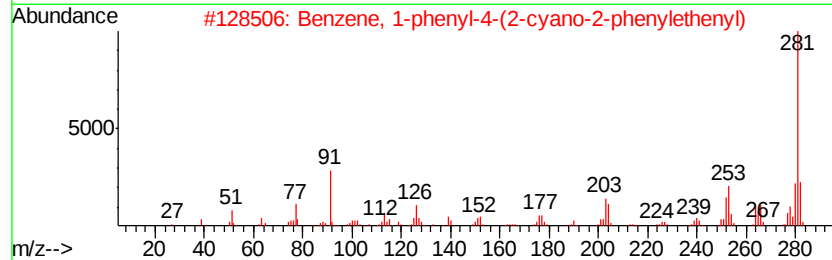
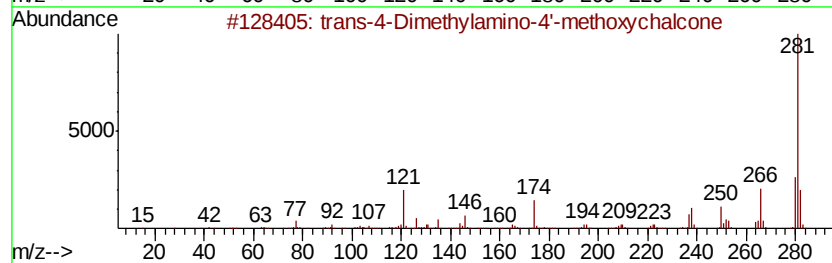
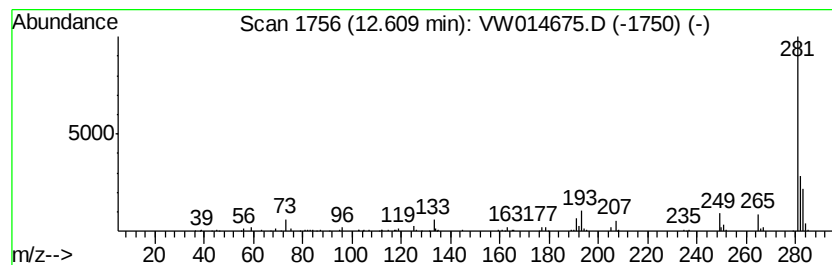
Instrument :
MSVOA_W
ClientSampleId :
GASG8

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

Peak Number 2 trans-4-Dimethylamino-4'-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.61	1.31 ug/L	62716	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Dimethylamino-4'-methoxyv...	281	C18H19NO2	052119-37-6	52	
2	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	50	
3	Cvcclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	49	
4	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	49	
5	trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	47	



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

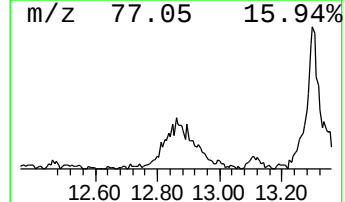
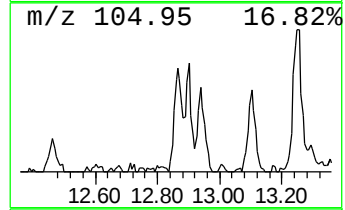
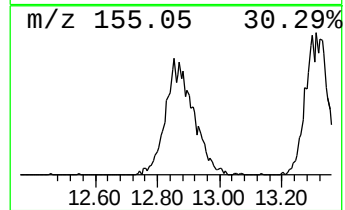
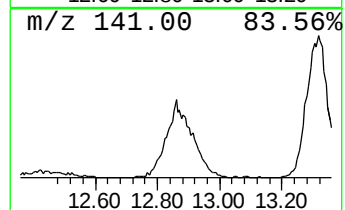
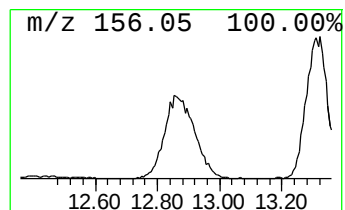
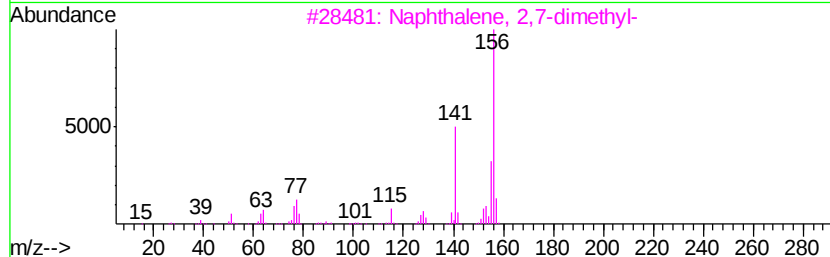
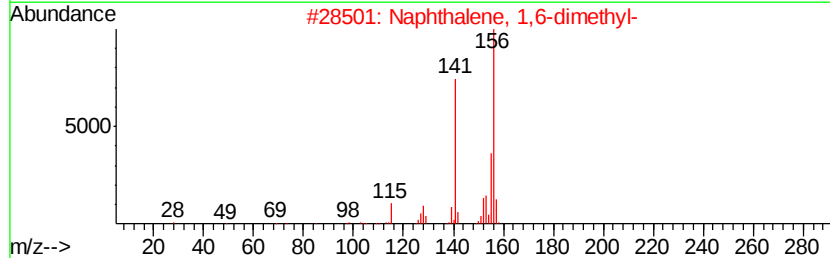
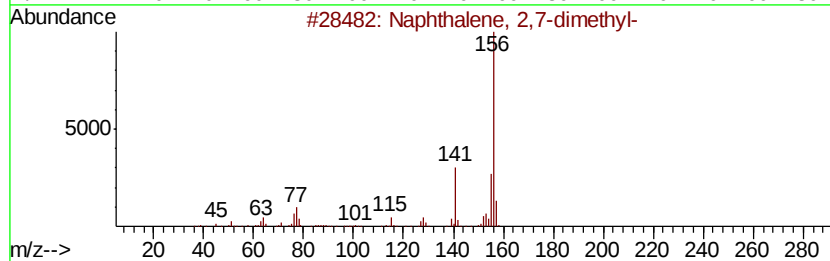
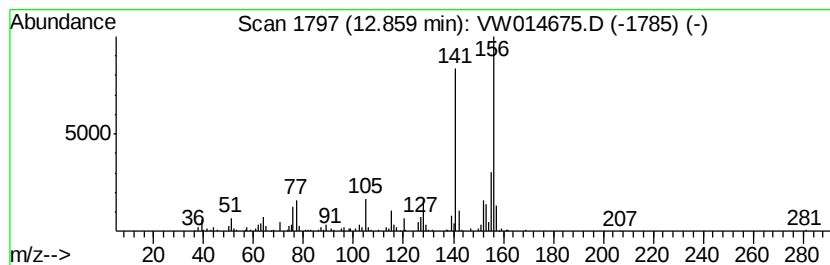
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	4.93 ug/L	235858	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

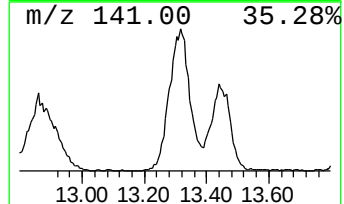
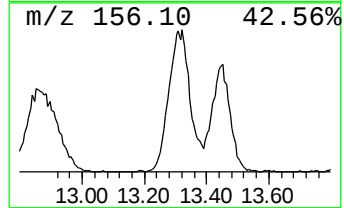
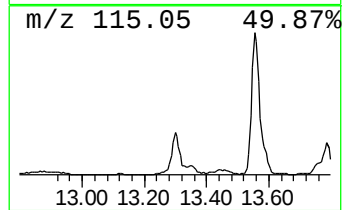
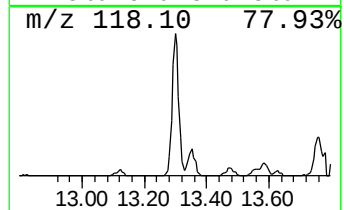
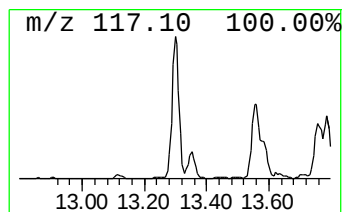
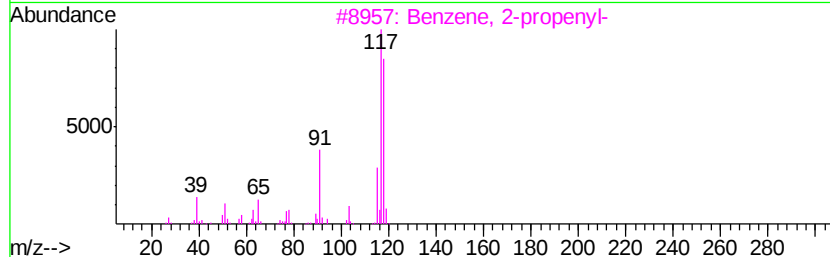
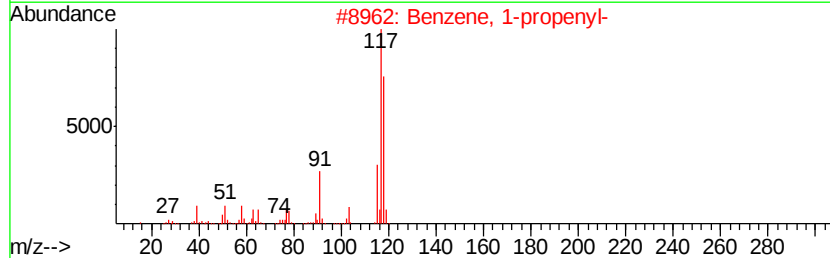
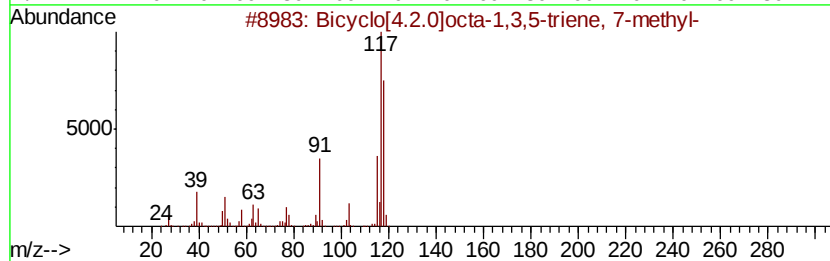
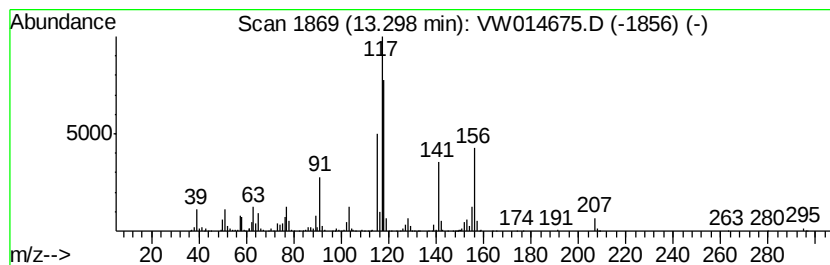
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 4 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	13.64 ug/L	652093	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
2		Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
5		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

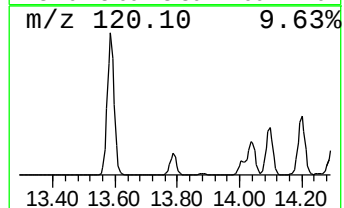
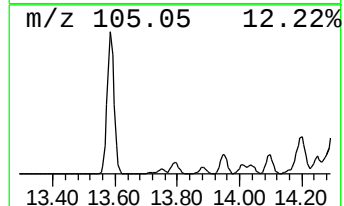
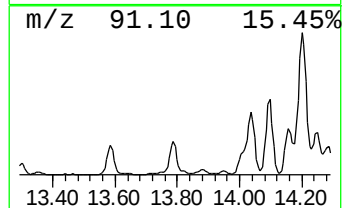
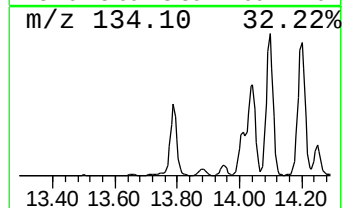
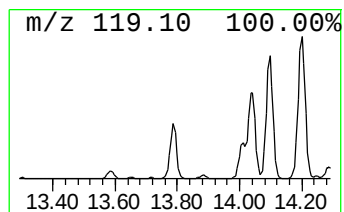
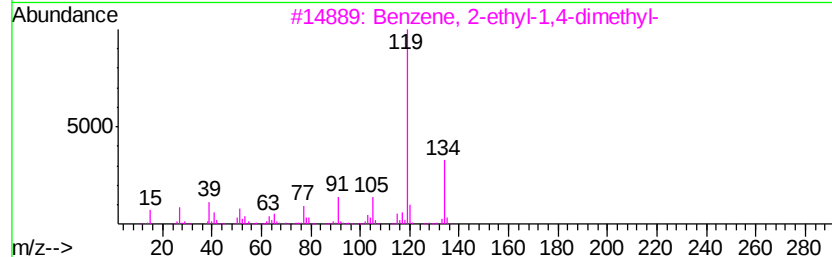
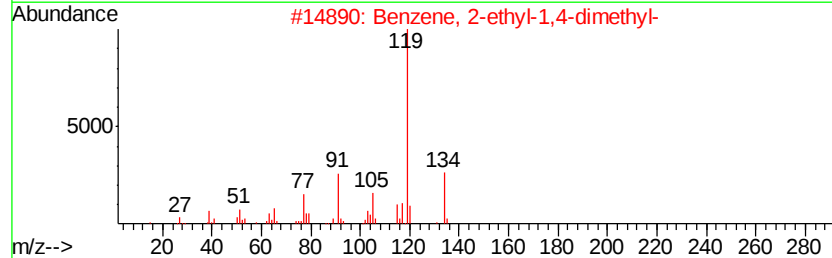
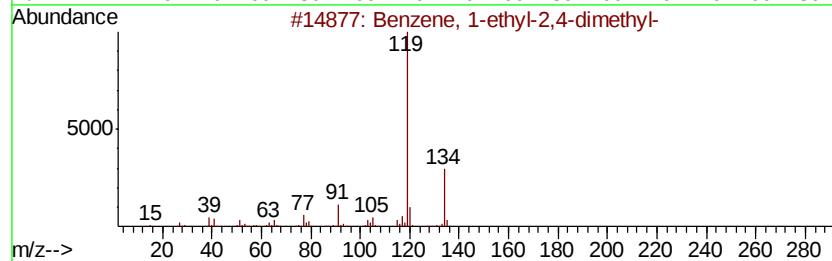
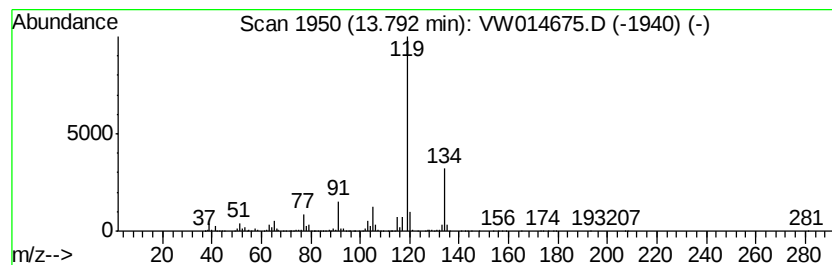
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	21.69 ug/L	1036950	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

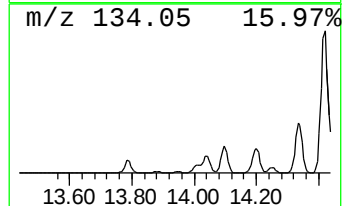
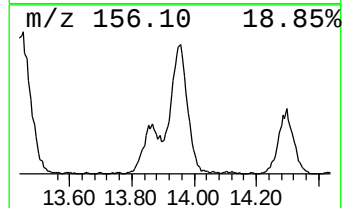
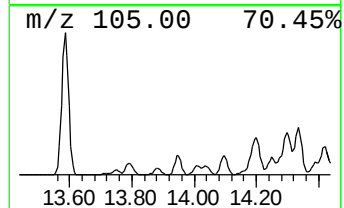
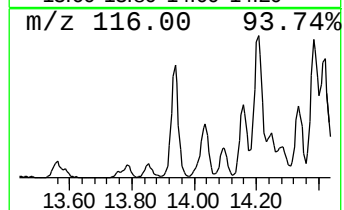
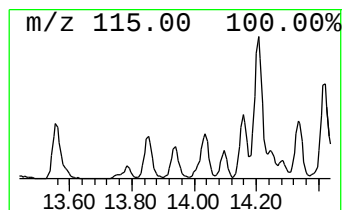
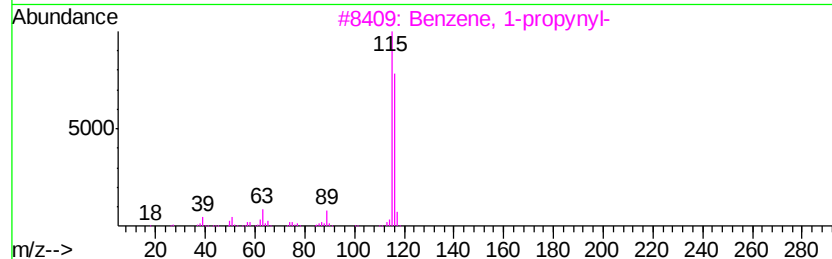
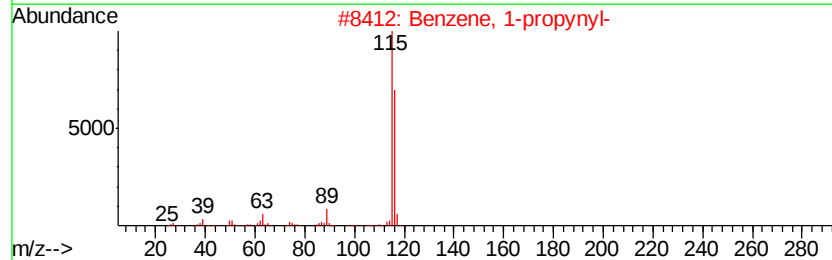
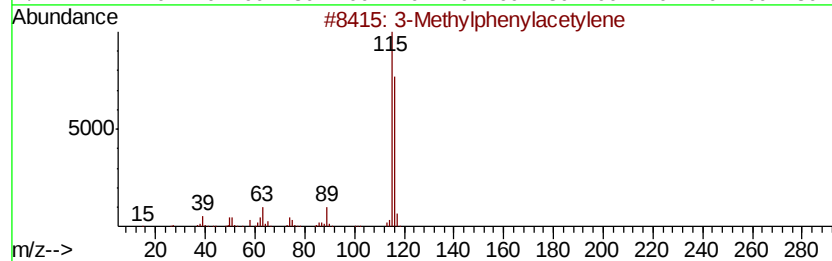
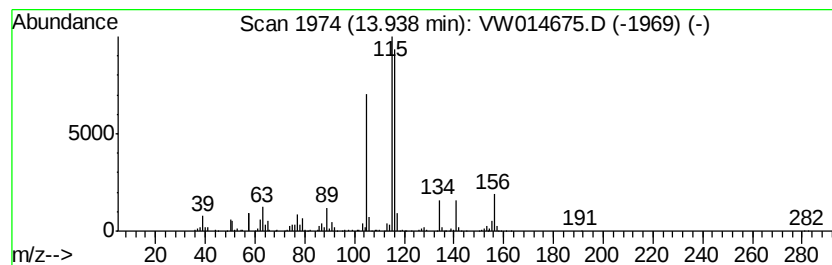
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 6 3-Methylphenylacetylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	8.83 ug/L	422355	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3		Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	60
5		2-Methylphenylacetylene	116	C9H8	000766-47-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

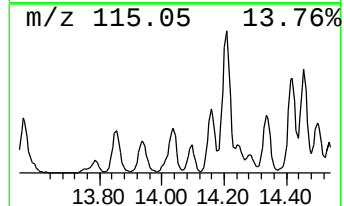
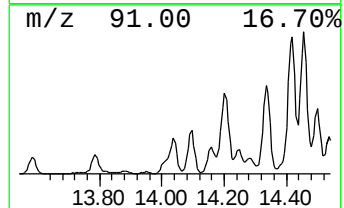
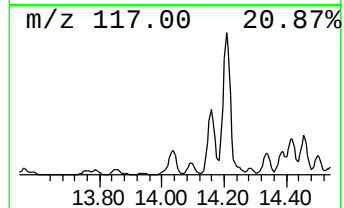
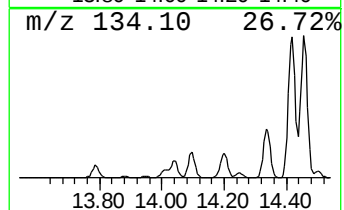
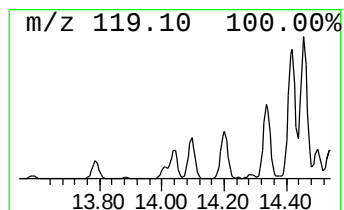
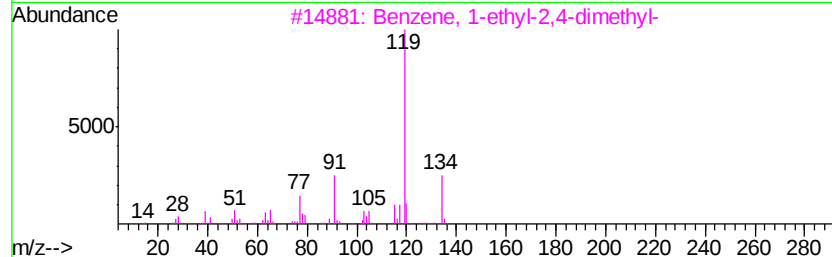
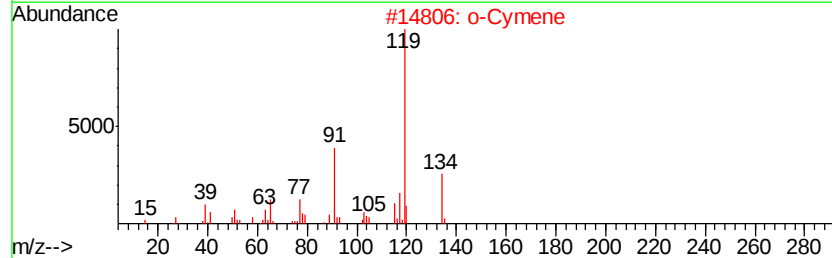
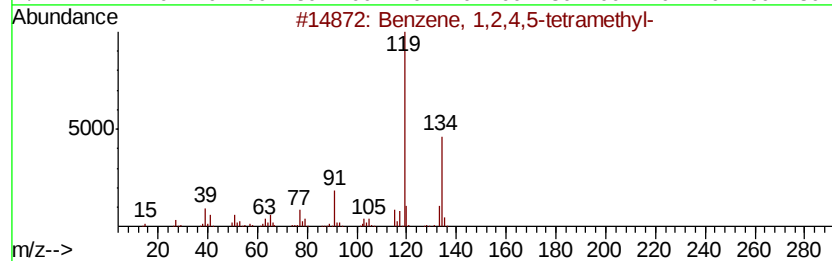
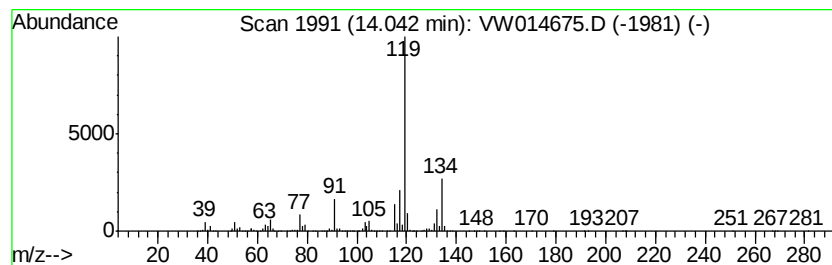
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	50.82 ug/L	2429610	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2		o-Cymene	134	C10H14	000527-84-4	81
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
4		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	76
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

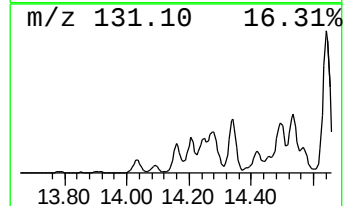
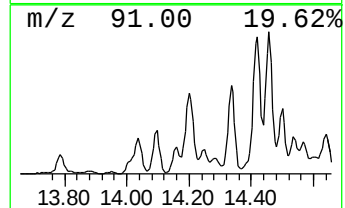
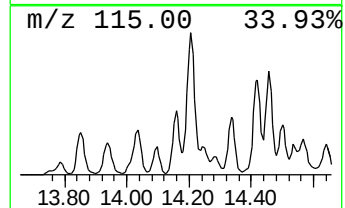
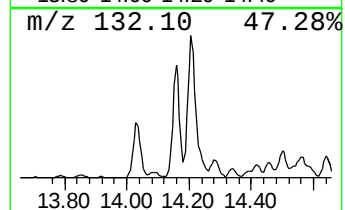
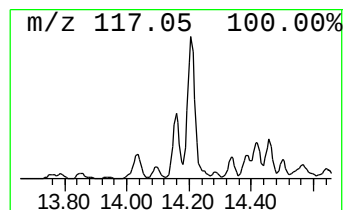
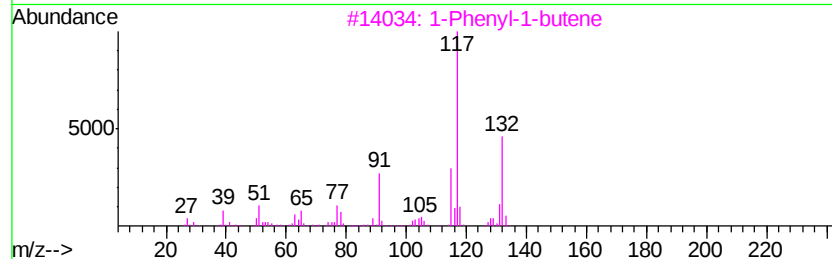
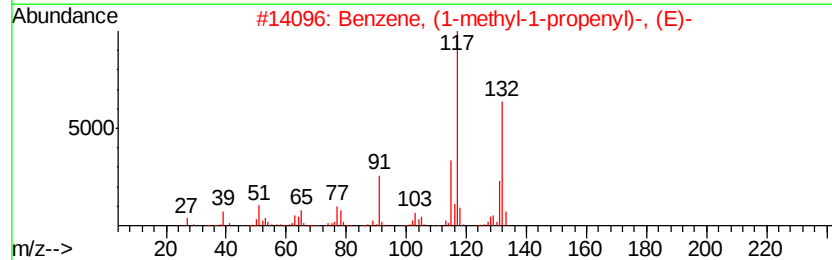
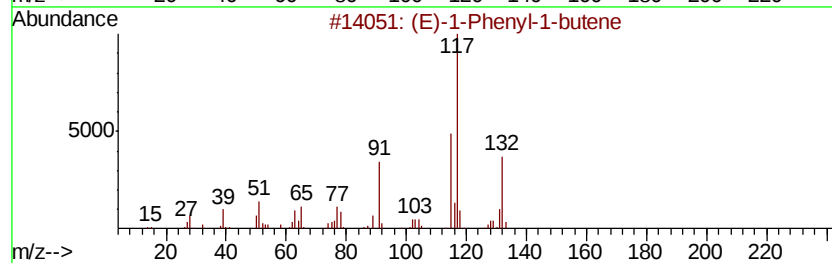
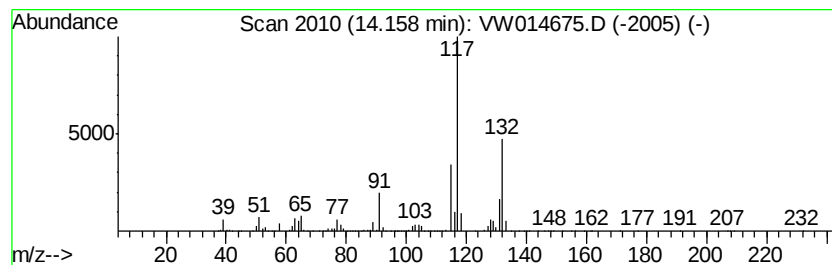
Instrument :
MSVOA_W
ClientSampleId :
GASG8

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

Peak Number 9 (E)-1-Phenyl-1-butene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	31.85 ug/L	1522350	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	(E)-1-Phenyl-1-butene	132 C10H12	001005-64-7	94
2	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000768-00-3	91
3	1-Phenyl-1-butene	132 C10H12	000824-90-8	91
4	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000767-99-7	91
5	Benzene, 2-butenyl-	132 C10H12	001560-06-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

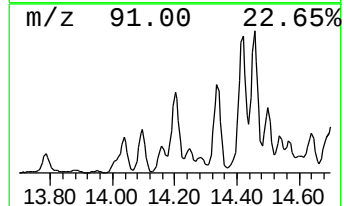
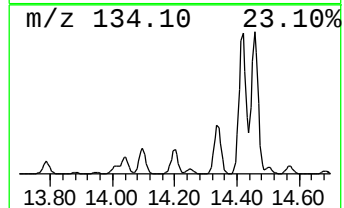
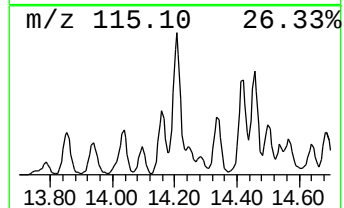
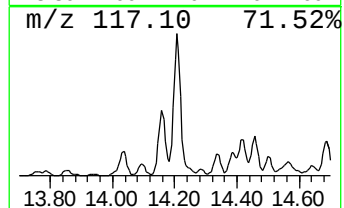
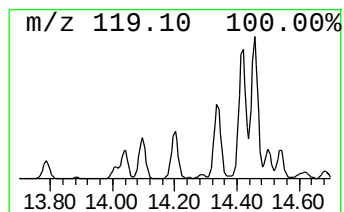
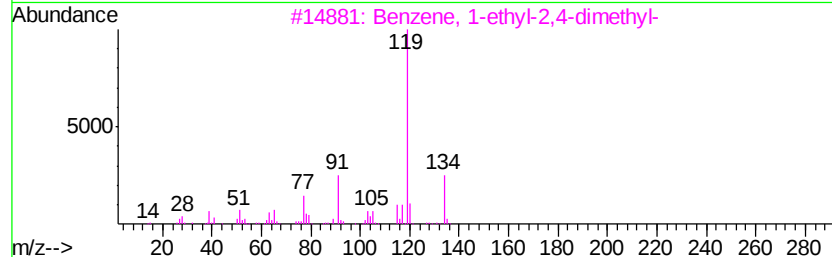
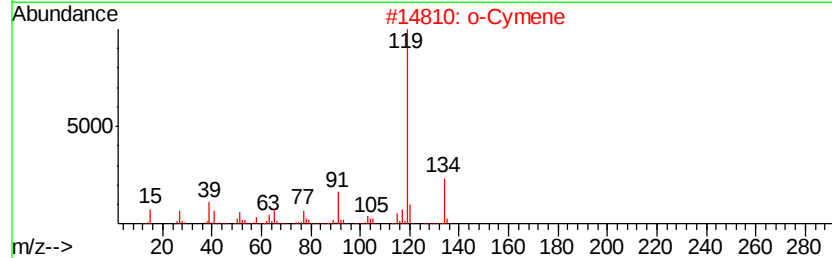
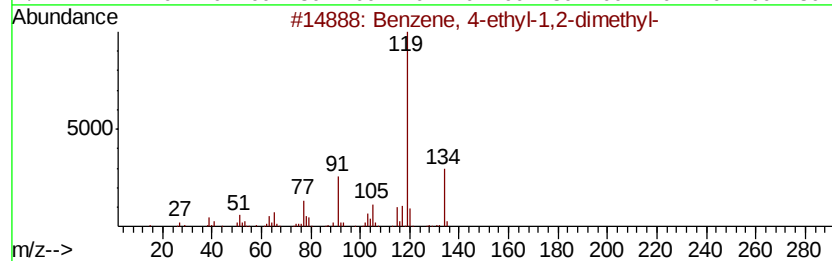
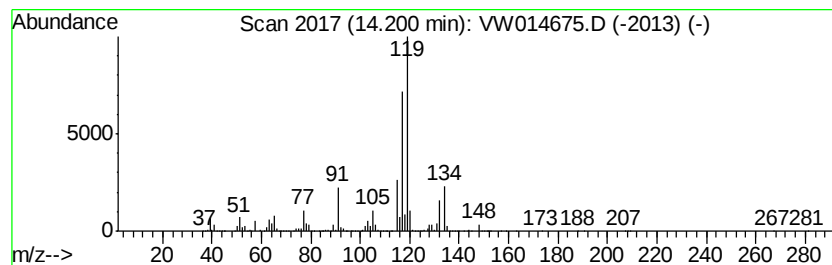
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	84.70 ug/L	4049310	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2		o-Cymene	134	C10H14	000527-84-4	60
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

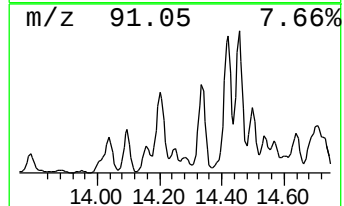
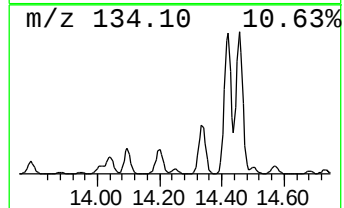
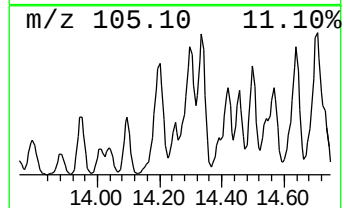
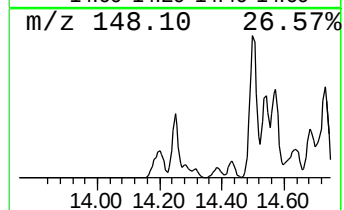
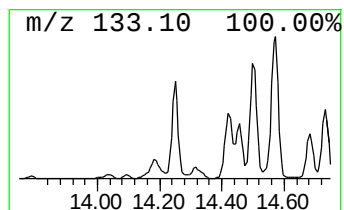
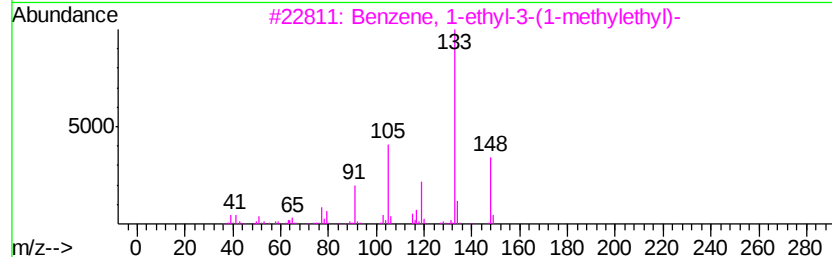
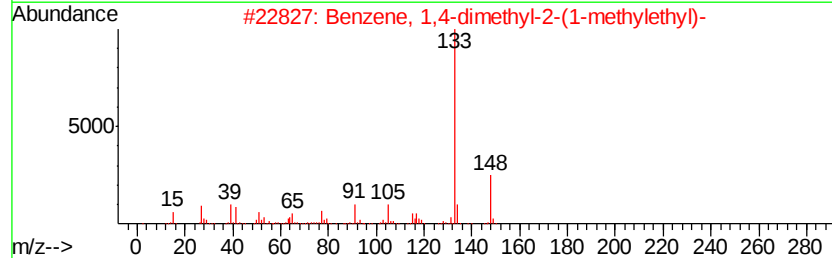
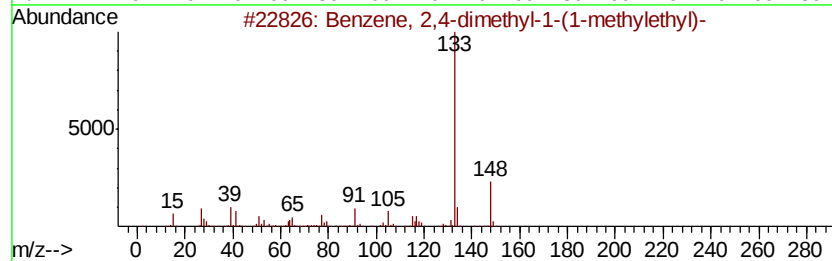
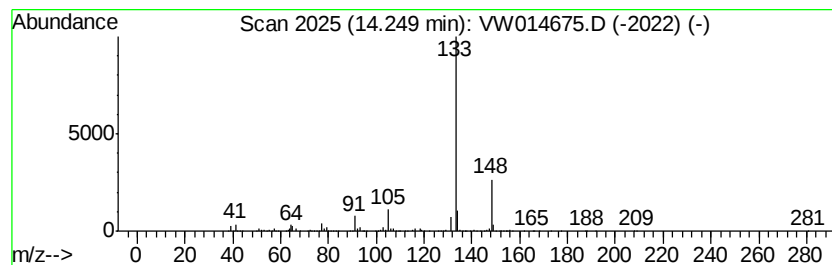
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	13.46 ug/L	643322	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	86
2		Benzene, 1,4-dimethyl-2-(1-methyl-...	148	C11H16	004132-72-3	86
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	86
4		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	86
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

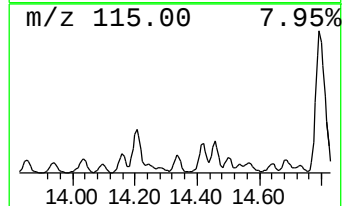
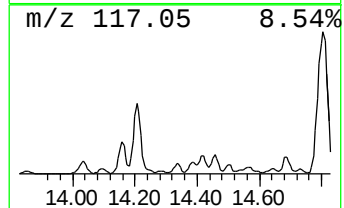
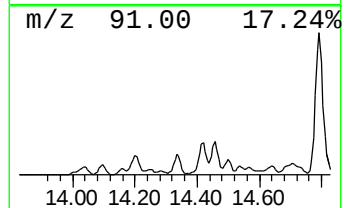
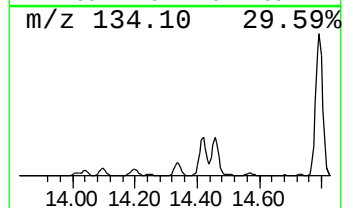
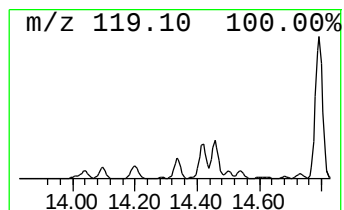
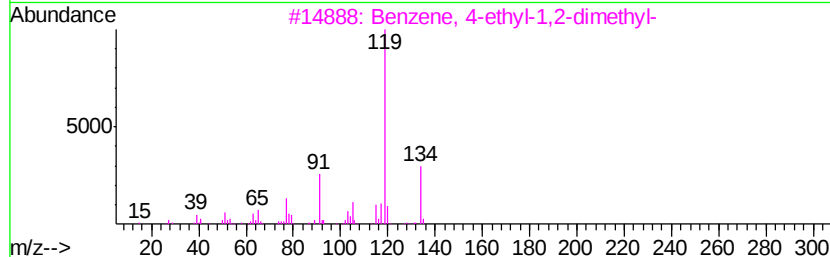
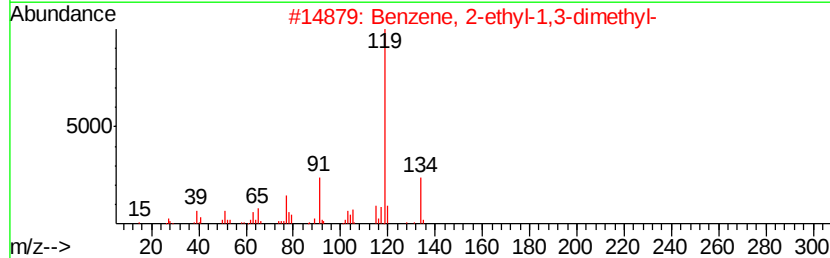
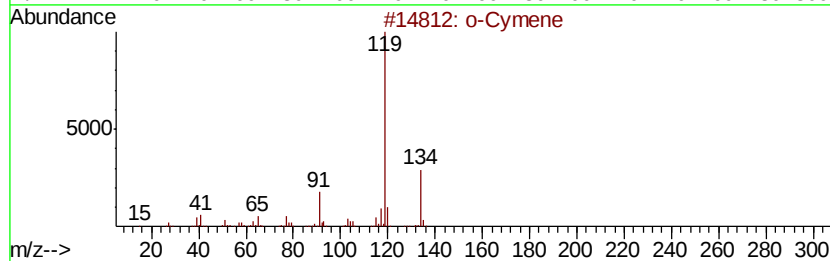
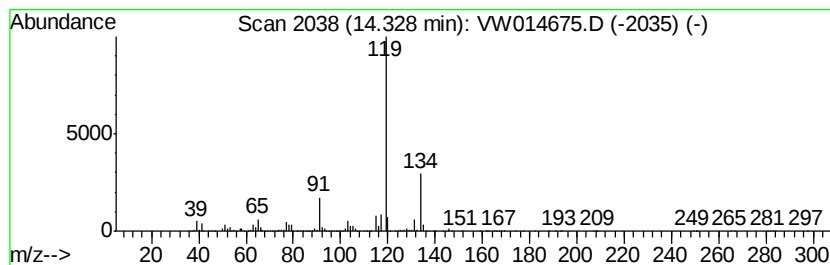
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 12 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	82.63 ug/L	3950270	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	93
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

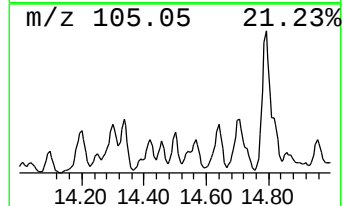
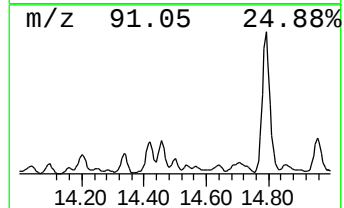
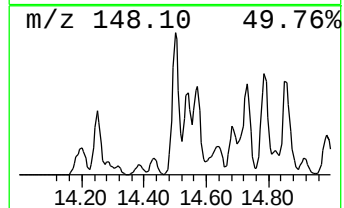
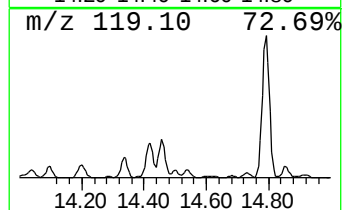
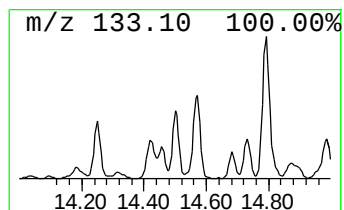
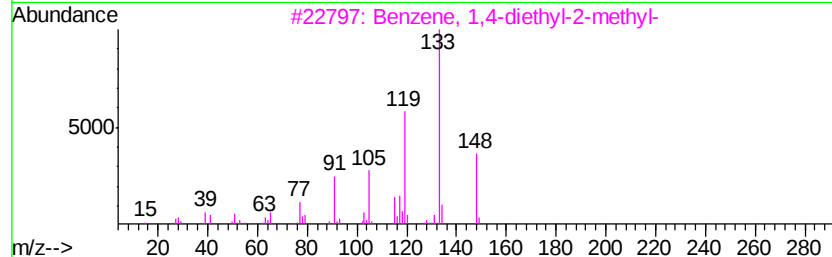
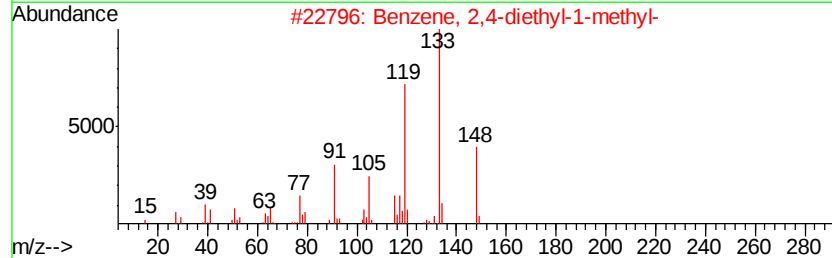
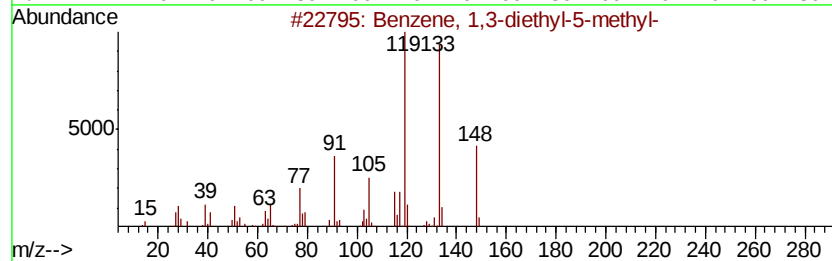
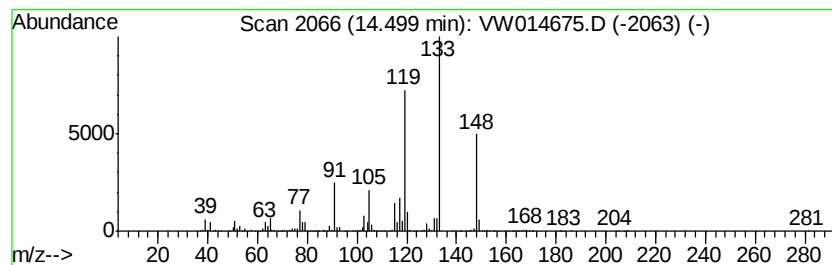
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	35.57 ug/L	1700280	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
4		3,4-Dimethylcumene	148	C11H16	1000370-34-1	70
5		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

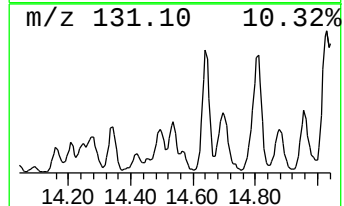
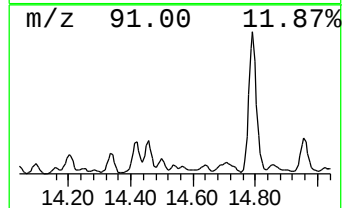
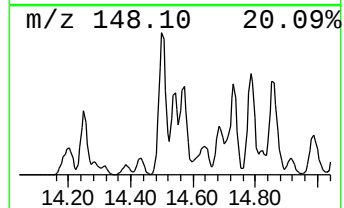
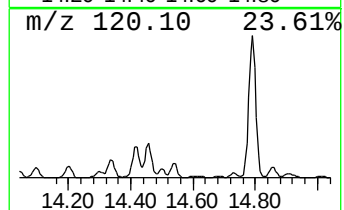
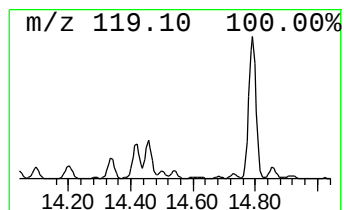
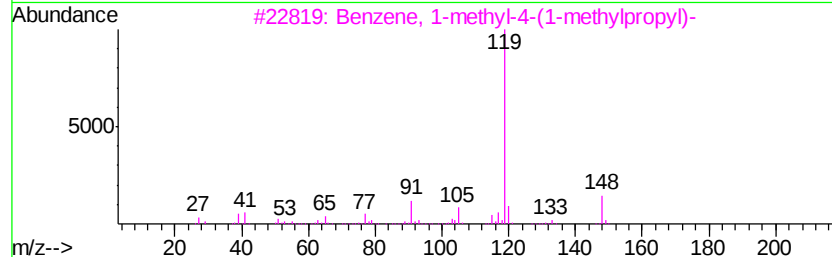
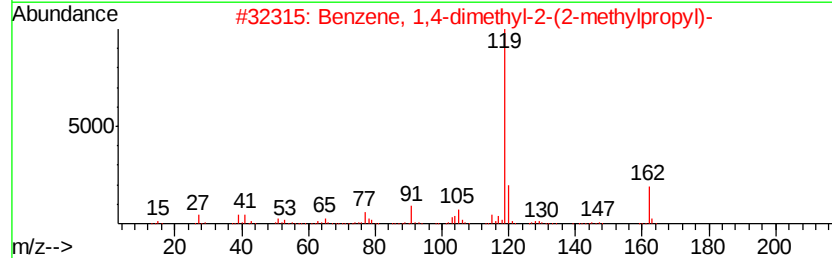
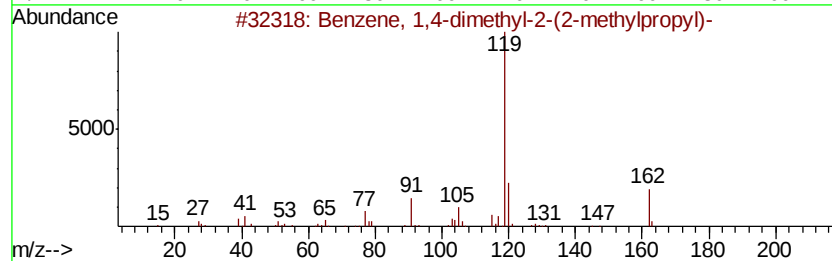
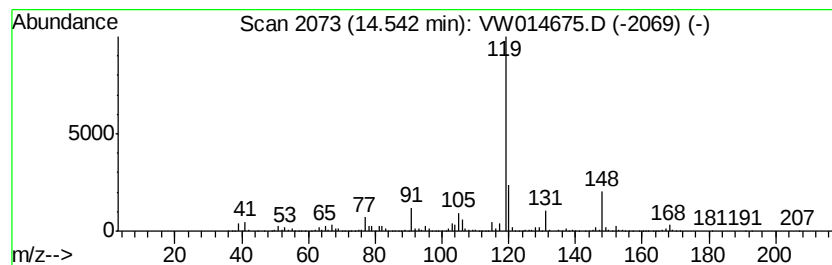
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	19.14 ug/L	914997	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2-(2-methylpropyl)-	162	C12H18	055669-88-0	59
2		Benzene, 1,4-dimethyl-2-(2-methylpropyl)-	162	C12H18	055669-88-0	59
3		Benzene, 1-methyl-4-(1-methylpropyl)-	148	C11H16	001595-16-0	58
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

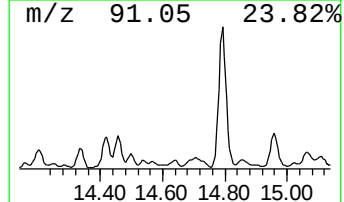
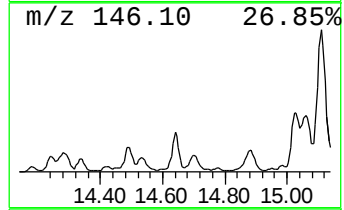
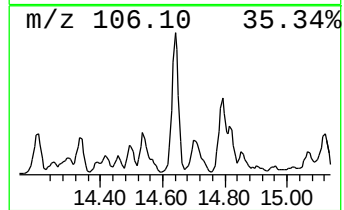
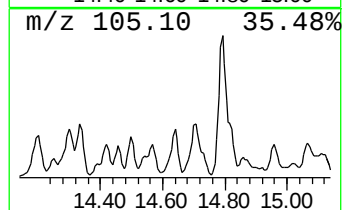
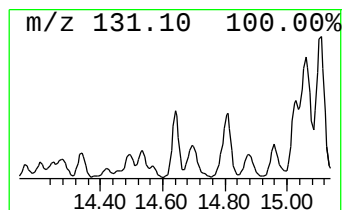
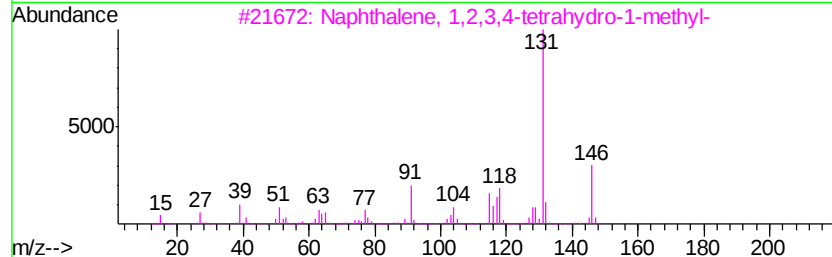
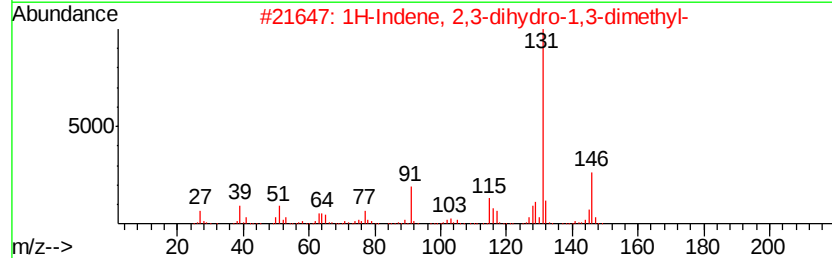
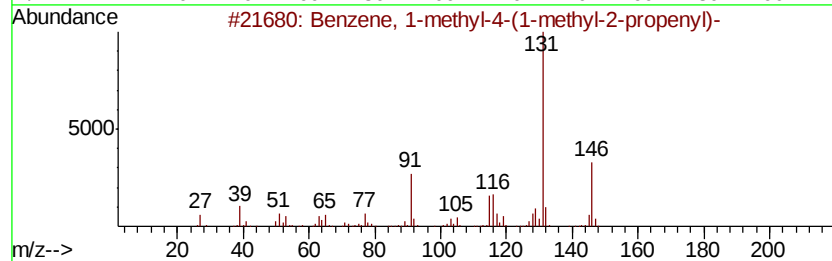
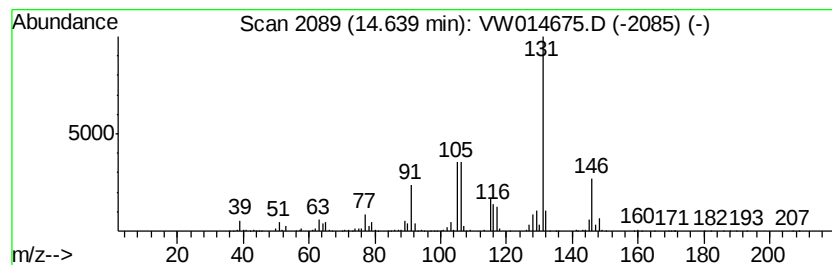
Instrument :
MSVOA_W
ClientSampleId :
GASG8

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

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	23.80 ug/L	1137590	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-(1-methyl-2-...	146 C11H14	097664-18-1 93
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 93
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001559-81-5 93
4		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 89
5		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 86



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

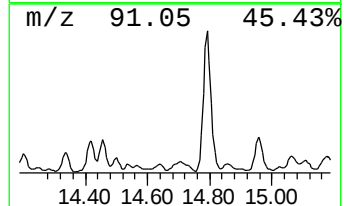
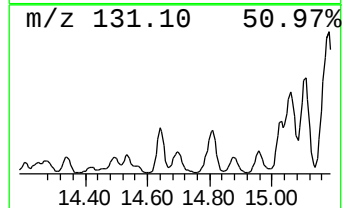
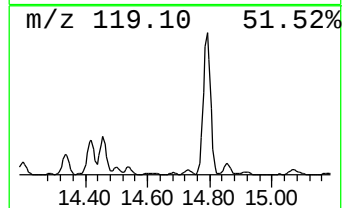
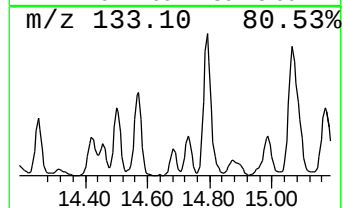
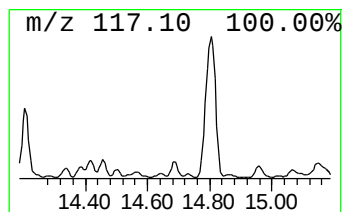
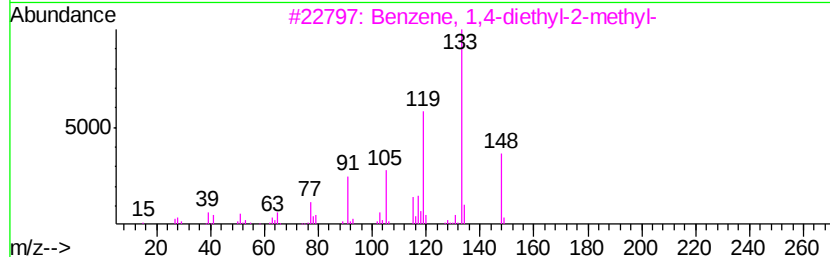
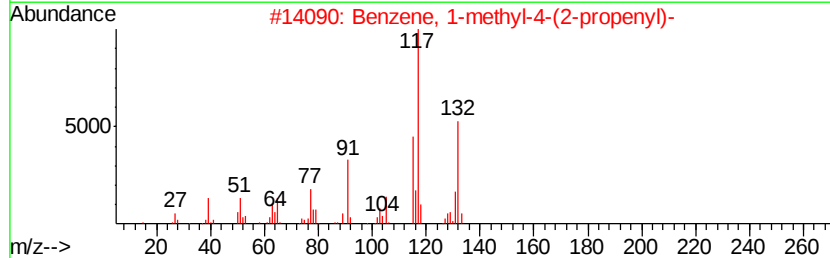
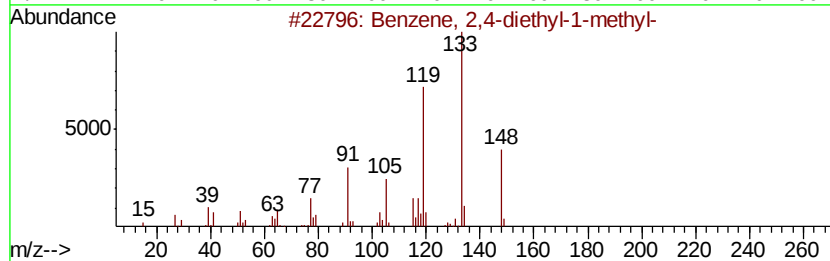
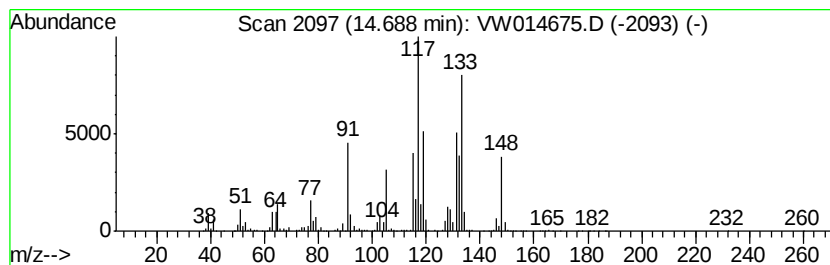
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	37.04 ug/L	1770650	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	50
2		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	46
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	45
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	41
5		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

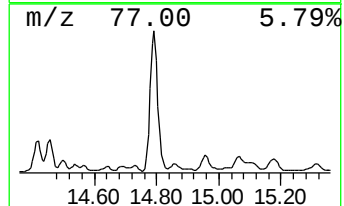
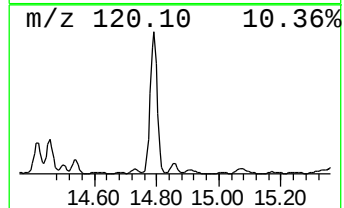
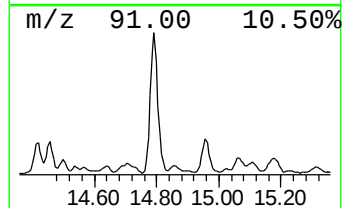
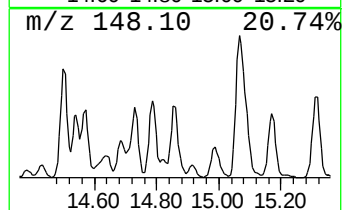
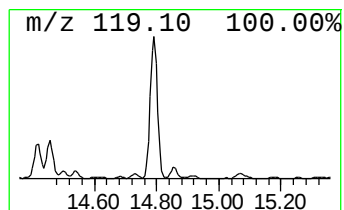
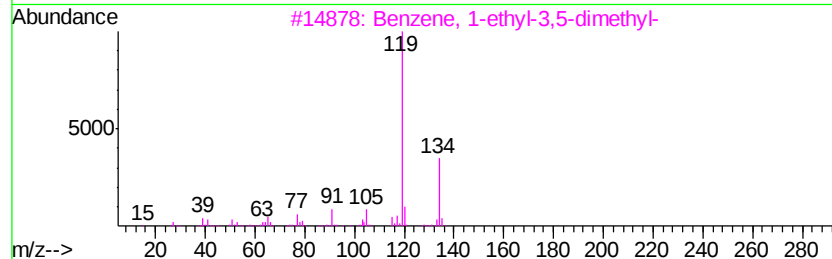
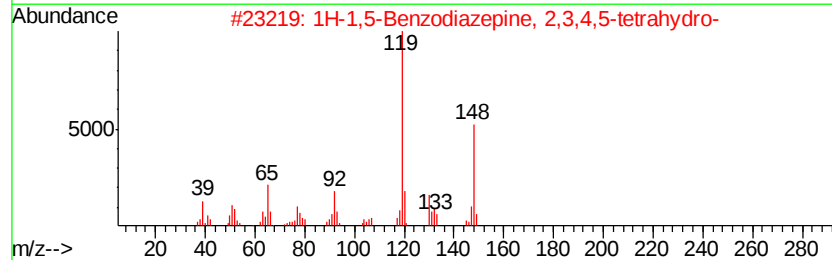
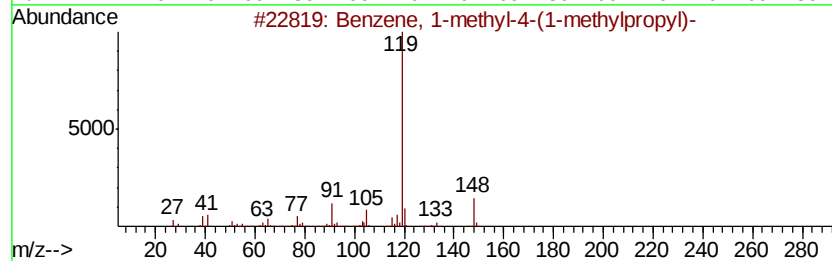
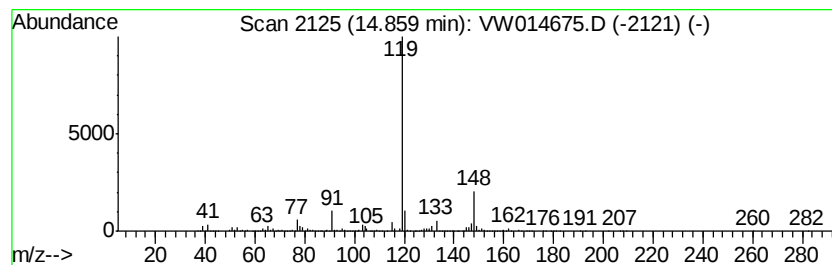
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	38.63 ug/L	1846680	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	78
2		1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	59
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
4		Acetic acid, (2,4-xylvl)-	164	C10H12O2	006331-04-0	53
5		1,2-Benzenediol, o-(3-cyclopenty...	352	C22H24O4	1000325-95-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

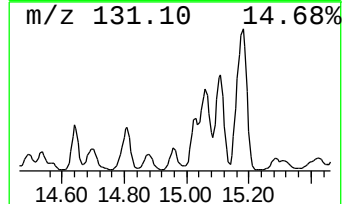
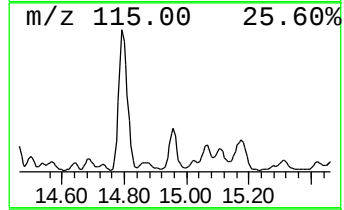
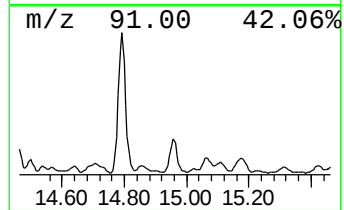
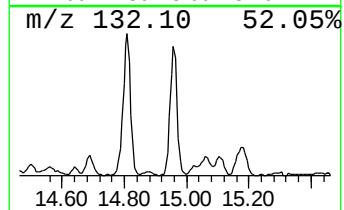
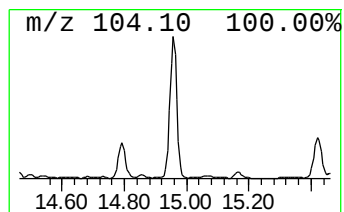
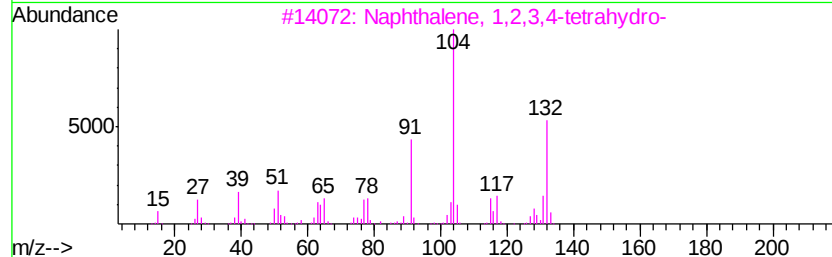
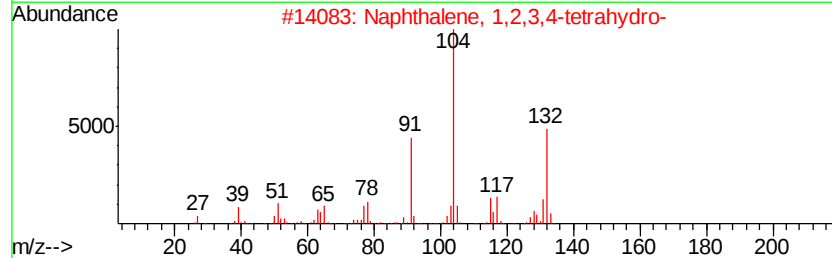
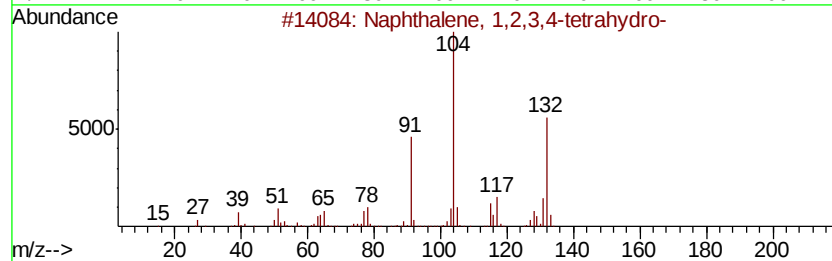
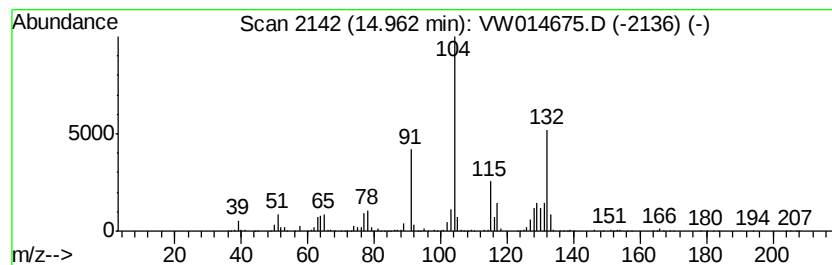
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 22 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	101.64 ug/L	4858940	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5		1H-Indol-4-amine	132	C8H8N2	005192-23-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

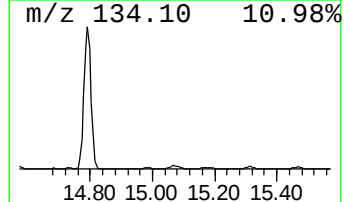
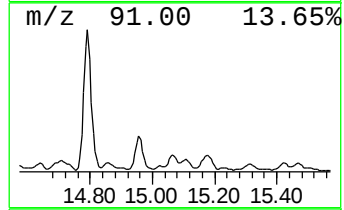
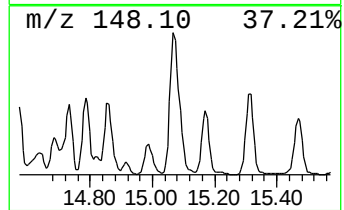
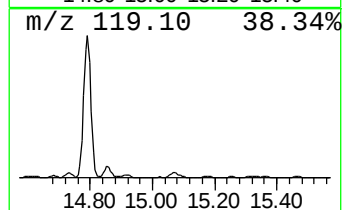
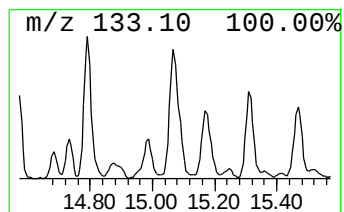
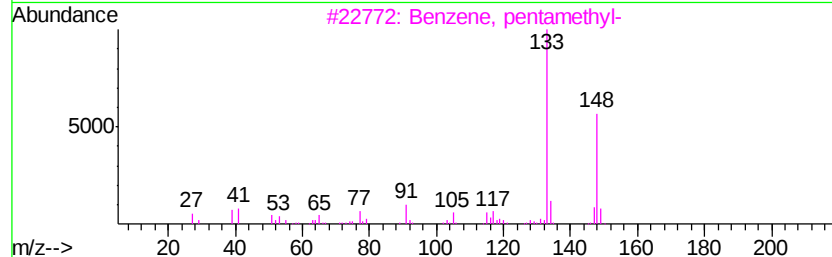
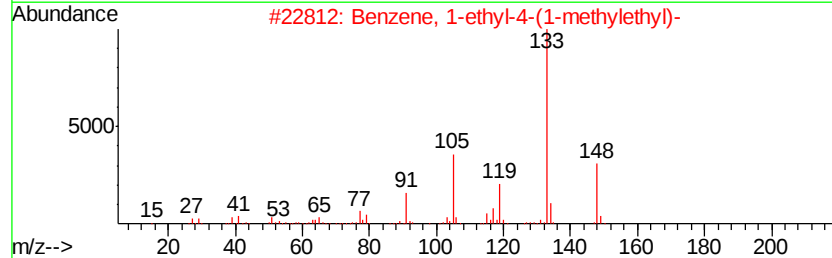
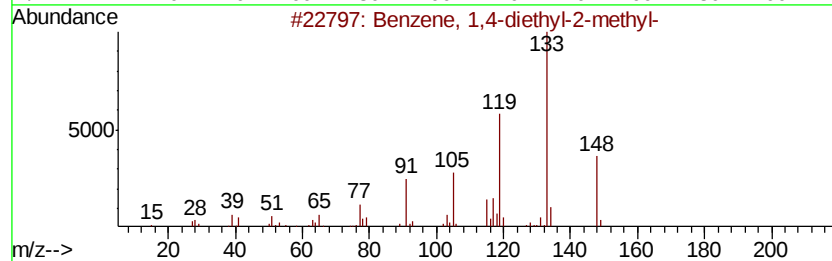
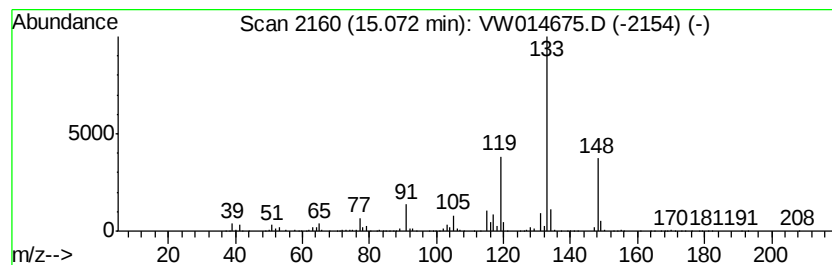
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	77.52 ug/L	3705810	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	81
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

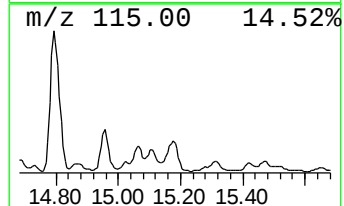
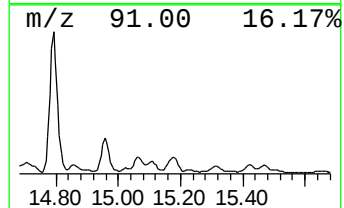
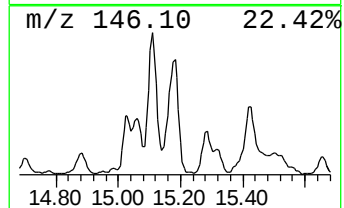
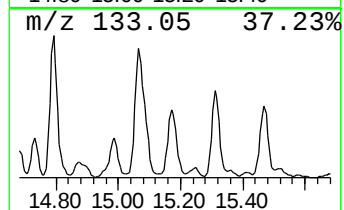
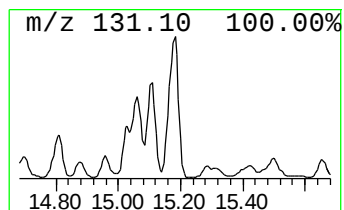
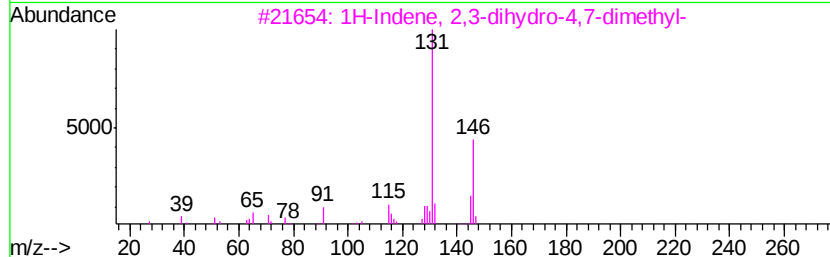
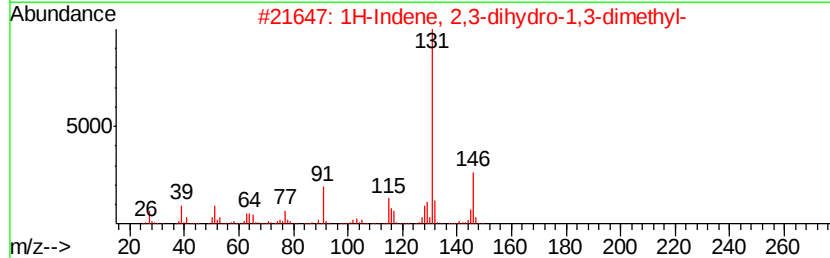
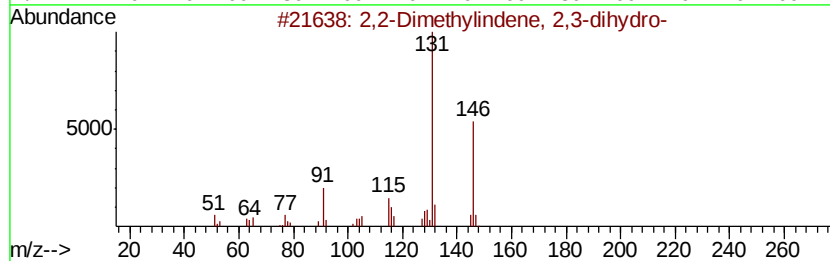
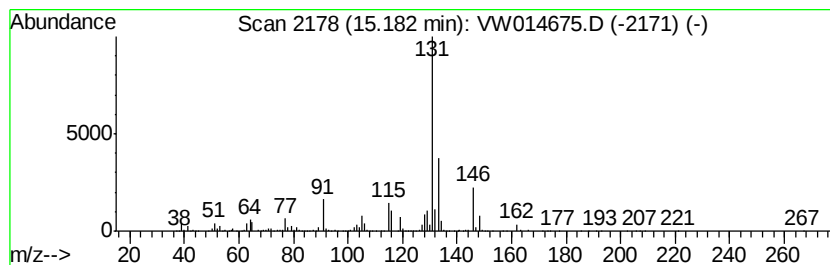
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 24 2,2-Dimethylindene, 2,3-dih... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	117.90 ug/L	5636050	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
2		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4		Benzene, (3-methyl-2-butenvl)-	146	C11H14	004489-84-3	64
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

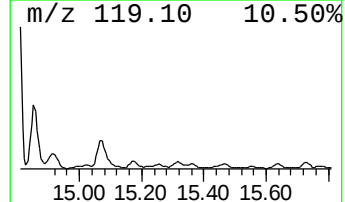
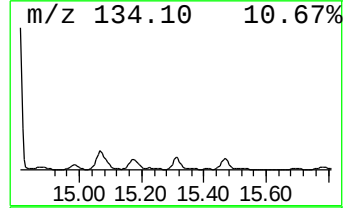
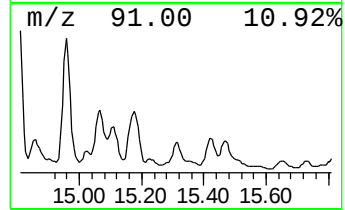
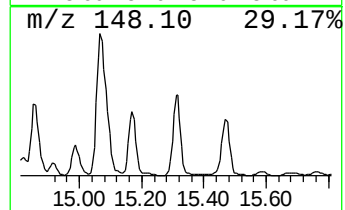
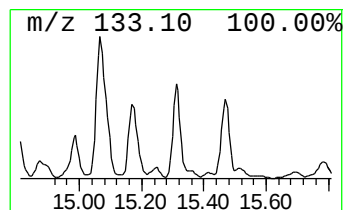
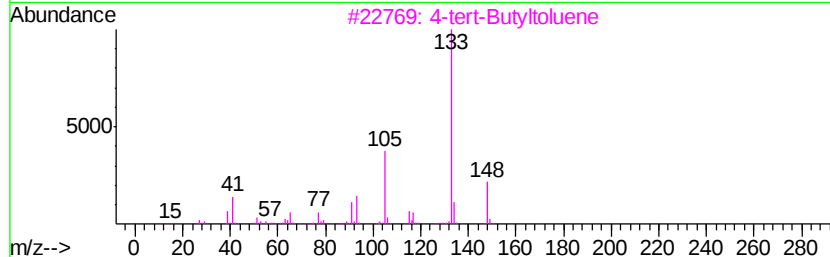
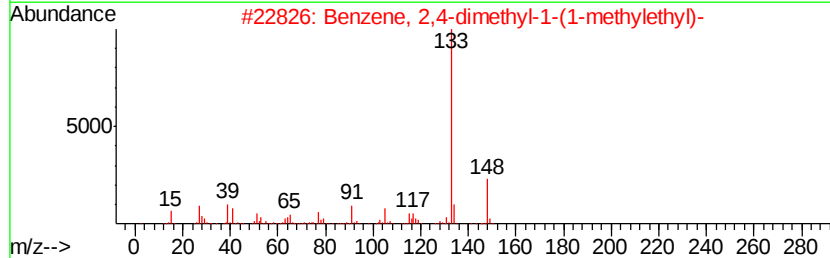
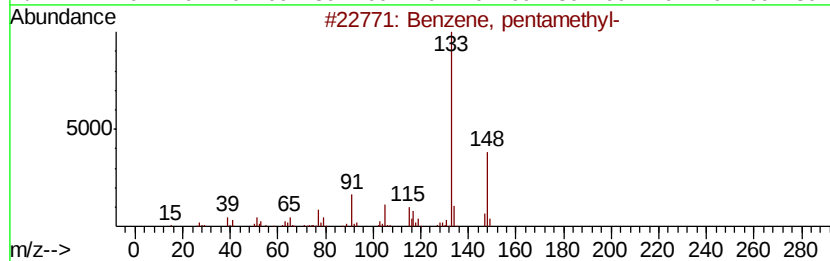
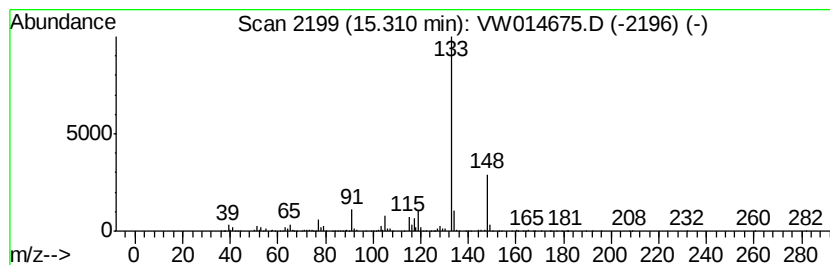
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 25 Benzene, pentamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	42.05 ug/L	2010320	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	87
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87
5		3,4-Dimethylcumene	148	C11H16	1000370-34-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

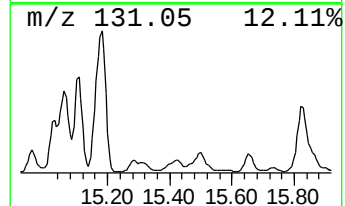
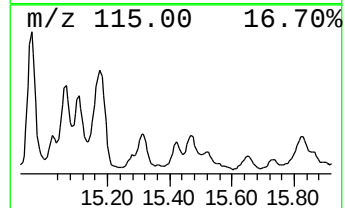
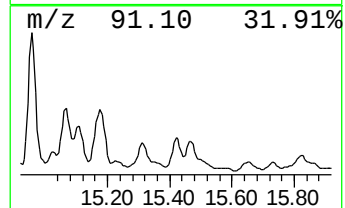
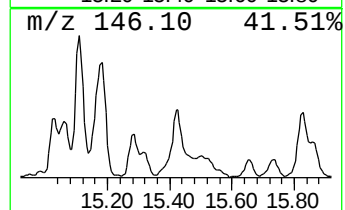
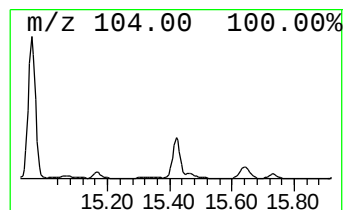
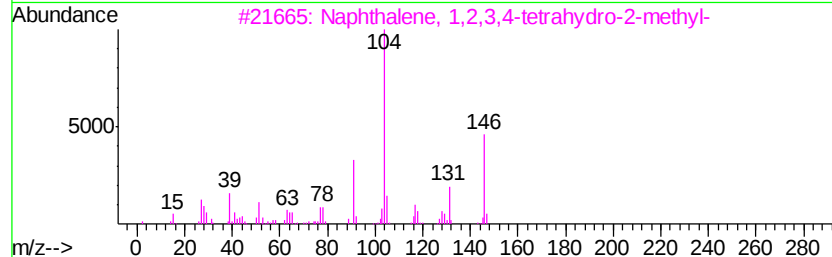
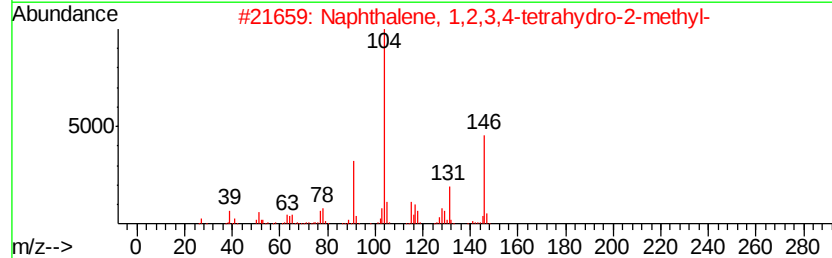
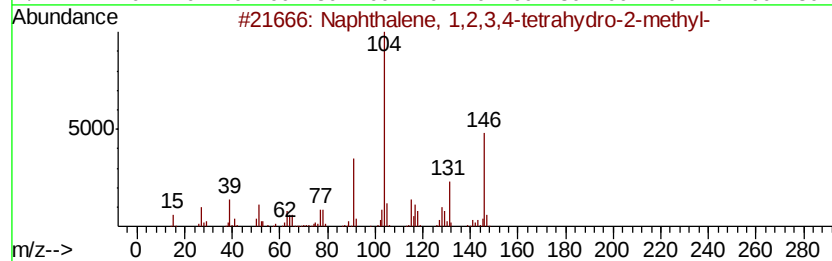
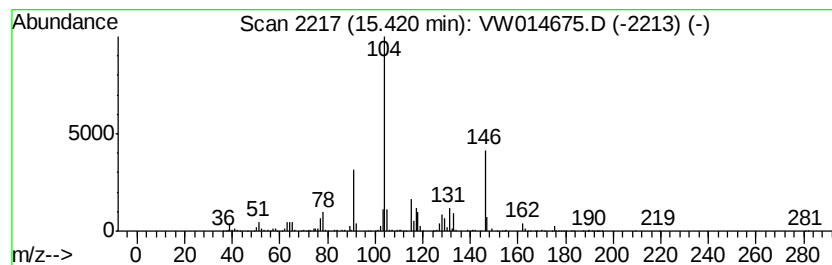
Instrument :
MSVOA_W
ClientSampled :
GASG8

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

Peak Number 26 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	26.51 ug/L	1267200	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 87
3		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 87
4		2(1H)-Naphthalenone, 3,4-dihydro-	146 C10H10O	000530-93-8 81
5		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146 C10H10O	002461-34-9 64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

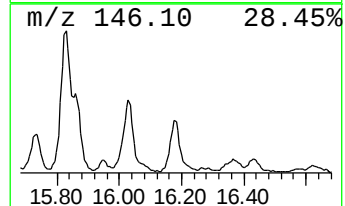
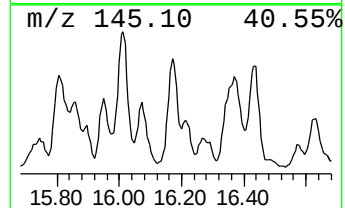
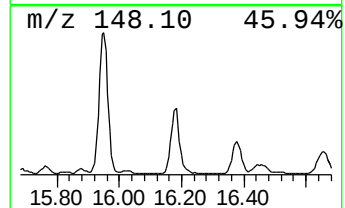
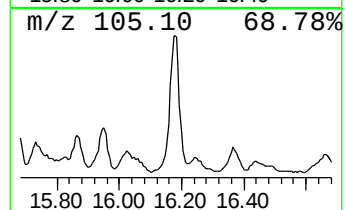
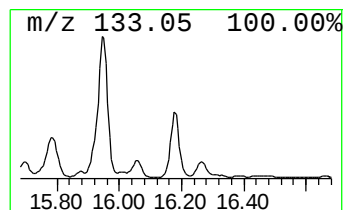
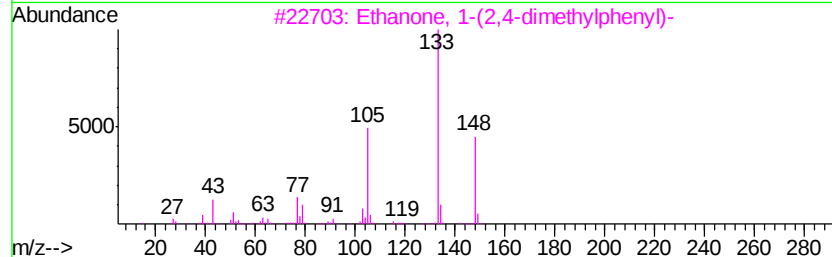
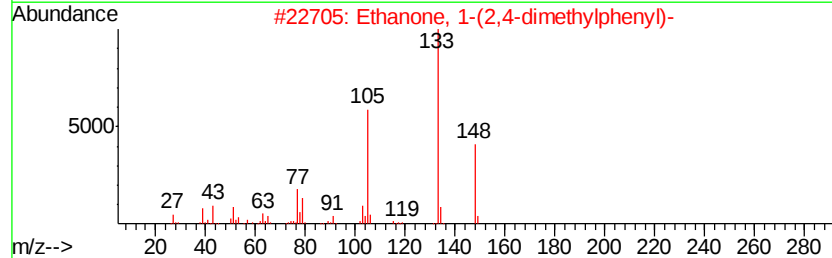
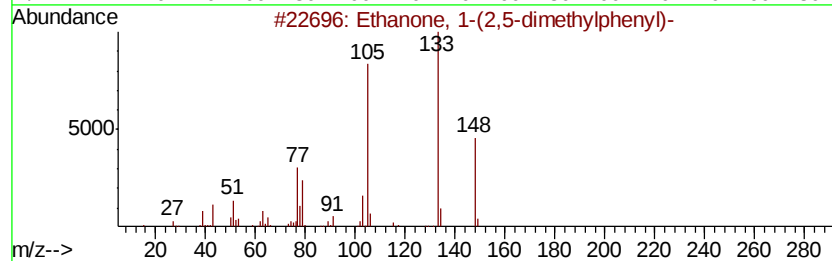
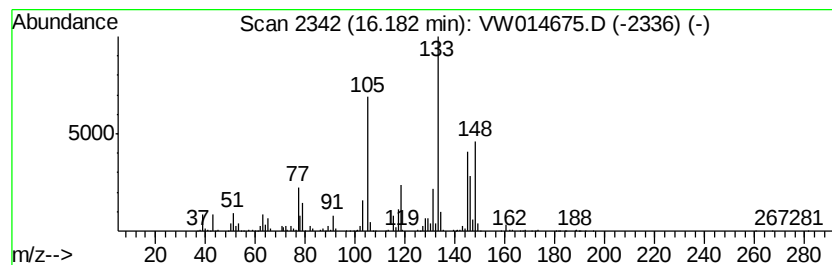
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 29 Ethanone, 1-(2,5-dimethylph... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	34.83 ug/L	1665010	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	87
2		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	86
3		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	64
4		Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	64
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011620\
Data File : VW014675.D
Acq On : 16 Jan 2020 17:04
Operator : SY/VA
Sample : L1109-09
Misc : 5.03G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASG8

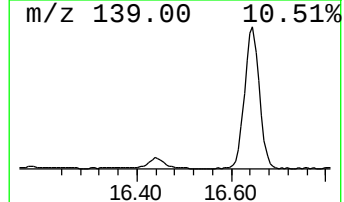
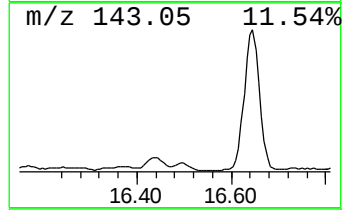
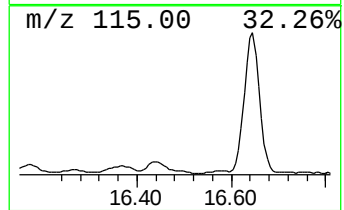
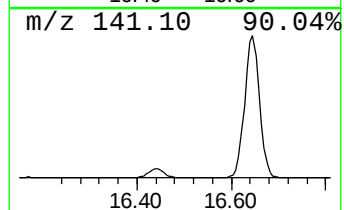
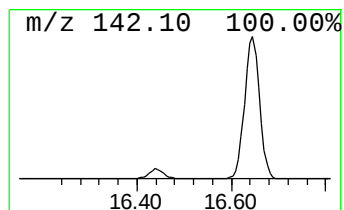
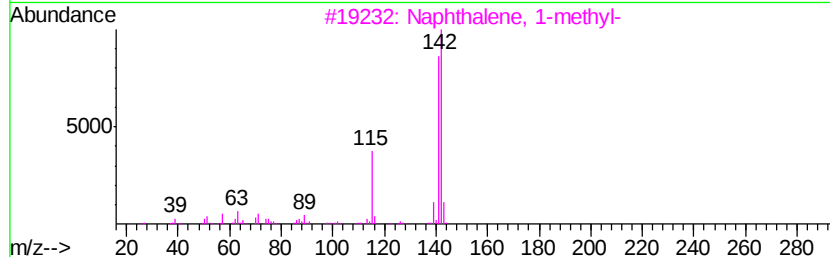
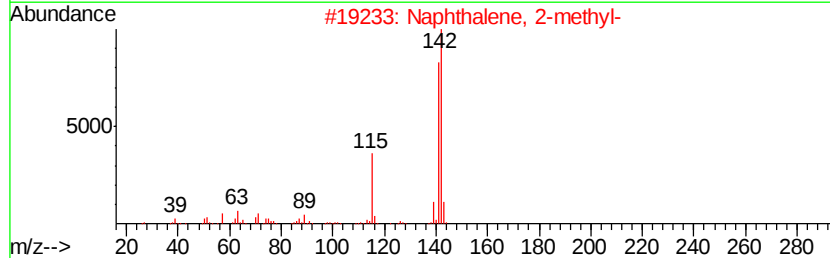
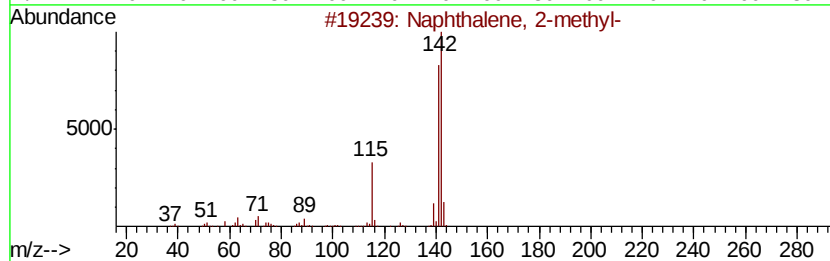
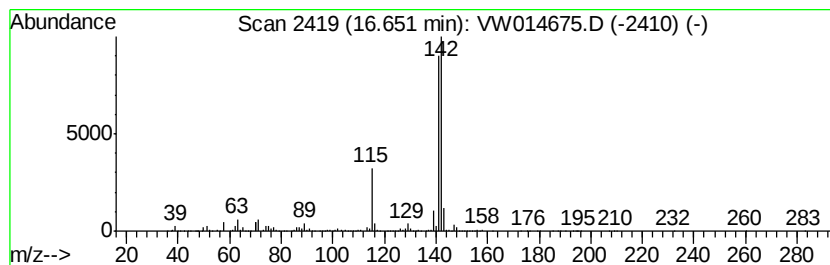
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 30 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	186.02 ug/L	8892790	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011620\
 Data File : VW014675.D
 Acq On : 16 Jan 2020 17:04
 Operator : SY/VA
 Sample : L1109-09
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASG8

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
unknown-01	10.03	6.7	ug/L	558358	1	8.84	2100050	25.0
trans-4-Dimethyla...	12.61	1.3	ug/L	62716	3	13.56	1195120	25.0
Naphthalene, 2,7-...	12.86	4.9	ug/L	235858	3	13.56	1195120	25.0
Bicyclo[4.2.0]oct...	13.30	13.6	ug/L	652093	3	13.56	1195120	25.0
Benzene, 1-ethyl-...	13.79	21.7	ug/L	1036950	3	13.56	1195120	25.0
3-Methylphenylace...	13.94	8.8	ug/L	422355	3	13.56	1195120	25.0
Benzene, 1,2,4,5-...	14.04	50.8	ug/L	2429610	3	13.56	1195120	25.0
(E)-1-Phenyl-1-bu...	14.16	31.9	ug/L	1522350	3	13.56	1195120	25.0
Benzene, 4-ethyl-...	14.20	84.7	ug/L	4049310	3	13.56	1195120	25.0
Benzene, 2,4-dime...	14.25	13.5	ug/L	643322	3	13.56	1195120	25.0
o-Cymene	14.33	82.6	ug/L	3950270	3	13.56	1195120	25.0
Benzene, 1,3-diet...	14.50	35.6	ug/L	1700280	3	13.56	1195120	25.0
Benzene, 1,4-dime...	14.54	19.1	ug/L	914997	3	13.56	1195120	25.0
Benzene, 1-methyl...	14.64	23.8	ug/L	1137590	3	13.56	1195120	25.0
Benzene, 2,4-diet...	14.69	37.0	ug/L	1770650	3	13.56	1195120	25.0
Benzene, 1-methyl...	14.86	38.6	ug/L	1846680	3	13.56	1195120	25.0
Naphthalene, 1,2,...	14.96	101.6	ug/L	4858940	3	13.56	1195120	25.0
Benzene, 1,4-diet...	15.07	77.5	ug/L	3705810	3	13.56	1195120	25.0
2,2-Dimethylinden...	15.18	117.9	ug/L	5636050	3	13.56	1195120	25.0
Benzene, pentamet...	15.31	42.0	ug/L	2010320	3	13.56	1195120	25.0
Naphthalene, 1,2,...	15.42	26.5	ug/L	1267200	3	13.56	1195120	25.0
Ethanone, 1-(2,5-...	16.18	34.8	ug/L	1665010	3	13.56	1195120	25.0
Naphthalene, 1-me...	16.65	186.0	ug/L	8892790	3	13.56	1195120	25.0