

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
 Data File : VW017267.D
 Acq On : 16 Nov 2020 19:14
 Operator : SY/VA
 Sample : L4727-08RE
 Misc : 4.44G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC2RE

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\SOM2WLM110420S.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	2.154	38	41	43	rBV	1247	1147	0.01%	0.001%
2	2.355	68	74	89	rVB	74633	140190	1.79%	0.178%
3	2.654	119	123	126	rBV5	2253	3478	0.04%	0.004%
4	2.892	155	162	178	rVB	54805	140870	1.80%	0.179%
5	3.398	243	245	247	rVV2	591	656	0.01%	0.001%
6	3.550	268	270	275	rVV3	619	918	0.01%	0.001%
7	4.019	336	347	362	rBV	114675	350164	4.47%	0.445%
8	4.403	398	410	425	rBV2	6797	23331	0.30%	0.030%
9	4.922	483	495	510	rBV	11539	38699	0.49%	0.049%
10	5.111	519	526	527	rVV	481	643	0.01%	0.001%
11	5.153	531	533	543	rVV4	757	2146	0.03%	0.003%
12	5.940	655	662	674	rVV5	2325	7185	0.09%	0.009%
13	6.921	822	823	827	rVB2	460	551	0.01%	0.001%
14	7.080	840	849	854	rBV	27368	75778	0.97%	0.096%
15	7.653	931	943	956	rBV	184559	449888	5.74%	0.572%
16	7.952	986	992	1000	rBV4	633	1319	0.02%	0.002%
17	8.281	1033	1046	1062	rBV2	332410	1006480	12.84%	1.279%
18	8.403	1062	1066	1069	rVV3	609	823	0.01%	0.001%
19	8.701	1110	1115	1117	rBV3	432	670	0.01%	0.001%
20	8.842	1129	1138	1152	rBV	372538	746703	9.52%	0.949%
21	8.933	1152	1153	1160	rVB5	474	702	0.01%	0.001%
22	9.055	1169	1173	1174	rBV	515	623	0.01%	0.001%
23	9.079	1174	1177	1181	rVB4	1333	2092	0.03%	0.003%
24	9.275	1199	1209	1218	rBV	213802	444052	5.66%	0.564%
25	9.610	1257	1264	1267	rBV4	1363	2097	0.03%	0.003%
26	9.659	1269	1272	1277	rVB5	901	1490	0.02%	0.002%
27	9.756	1280	1288	1298	rVB3	7749	16870	0.22%	0.021%
28	9.896	1301	1311	1318	rBV2	15317	33058	0.42%	0.042%
29	10.037	1325	1334	1346	rBV	118576	217942	2.78%	0.277%
30	10.213	1358	1363	1365	rBV4	2844	4525	0.06%	0.006%
31	10.250	1365	1369	1374	rVB2	5524	9701	0.12%	0.012%
32	10.323	1374	1381	1390	rBV	395902	722007	9.21%	0.918%
33	10.506	1403	1411	1417	rBV7	6298	17403	0.22%	0.022%
34	10.579	1417	1423	1428	rBV	70962	122637	1.56%	0.156%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Title : VOC Analysis

35	10.665	1433	1437	1439	rVV3	14654	23700	0.30%	0.030%
36	10.707	1439	1444	1449	rVV	47447	85167	1.09%	0.108%
37	10.762	1449	1453	1458	rVB5	7153	14658	0.19%	0.019%
38	10.860	1464	1469	1473	rVB8	2383	4326	0.06%	0.005%
39	10.927	1473	1480	1488	rBV	112755	191623	2.44%	0.244%
40	11.067	1498	1503	1507	rBV	24059	37619	0.48%	0.048%
41	11.110	1507	1510	1513	rVV	8237	13432	0.17%	0.017%
42	11.146	1513	1516	1518	rVV3	11424	16988	0.22%	0.022%
43	11.177	1519	1521	1525	rVV2	14251	22315	0.28%	0.028%
44	11.232	1525	1530	1535	rVV2	50119	89671	1.14%	0.114%
45	11.286	1535	1539	1542	rVV4	10675	16814	0.21%	0.021%
46	11.335	1542	1547	1552	rVV3	21027	37281	0.48%	0.047%
47	11.384	1552	1555	1558	rVB2	5834	7601	0.10%	0.010%
48	11.439	1558	1564	1572	rVB	84146	149331	1.90%	0.190%
49	11.506	1572	1575	1579	rBV4	2951	4784	0.06%	0.006%
50	11.634	1589	1596	1606	rBV	391716	677558	8.64%	0.861%
51	11.731	1608	1612	1614	rVV2	13429	20142	0.26%	0.026%
52	11.768	1614	1618	1622	rVV	38525	57971	0.74%	0.074%
53	11.817	1622	1626	1631	rVV4	24344	55293	0.71%	0.070%
54	11.878	1632	1636	1647	rVB4	54110	174896	2.23%	0.222%
55	11.975	1647	1652	1658	rBV4	25291	55588	0.71%	0.071%
56	12.036	1659	1662	1670	rVB3	20618	39119	0.50%	0.050%
57	12.140	1671	1679	1687	rBV3	85302	234131	2.99%	0.298%
58	12.359	1701	1715	1723	rBV3	144561	535771	6.83%	0.681%
59	12.609	1751	1756	1762	rVB	135150	232356	2.96%	0.295%
60	12.695	1763	1770	1775	rBV	206522	413243	5.27%	0.525%
61	12.780	1779	1784	1791	rVB3	257424	475202	6.06%	0.604%
62	12.865	1792	1798	1801	rBV4	87669	182090	2.32%	0.231%
63	12.945	1805	1811	1824	rVB	918287	1669311	21.29%	2.121%
64	13.103	1830	1837	1844	rVB	507561	902495	11.51%	1.147%
65	13.249	1857	1861	1866	rBV	378727	620552	7.91%	0.789%
66	13.384	1879	1883	1887	rVB2	129922	181273	2.31%	0.230%
67	13.445	1888	1893	1897	rVV	251102	414341	5.28%	0.527%
68	13.560	1907	1912	1913	rBV	202238	274313	3.50%	0.349%
69	13.701	1931	1935	1939	rBV3	116206	225728	2.88%	0.287%
70	13.755	1939	1944	1946	rBV2	553226	866503	11.05%	1.101%
71	13.786	1946	1949	1956	rVB	1069713	1605318	20.47%	2.040%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
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72	13.877	1957	1964	1969	rVB3	522236	1110718	14.17%	1.411%
73	13.951	1971	1976	1980	rBV	476651	727056	9.27%	0.924%
74	14.011	1981	1986	1988	rBV	891397	1320827	16.85%	1.678%
75	14.097	1995	2000	2006	rVB	1197314	1899730	24.23%	2.414%
76	14.158	2006	2010	2013	rBV	222446	353171	4.50%	0.449%
77	14.207	2013	2018	2023	rVV2	1362147	2285560	29.15%	2.904%
78	14.255	2023	2026	2034	rVB4	276842	687097	8.76%	0.873%
79	14.341	2035	2040	2043	rVV2	459173	726127	9.26%	0.923%
80	14.383	2043	2047	2049	rVV2	449561	658347	8.40%	0.837%
81	14.420	2049	2053	2056	rVV	1274541	2132219	27.19%	2.710%
82	14.457	2056	2059	2064	rVV	2398516	3527143	44.99%	4.482%
83	14.505	2064	2067	2069	rVV	469756	625185	7.97%	0.794%
84	14.542	2069	2073	2081	rVB3	787569	1594795	20.34%	2.027%
85	14.688	2093	2097	2101	rBV3	708598	1124794	14.35%	1.429%
86	14.731	2101	2104	2109	rVB	786222	1068819	13.63%	1.358%
87	14.792	2109	2114	2122	rBV2	3378947	7840562	100.00%	9.964%
88	14.859	2122	2125	2137	rVB3	549604	1136415	14.49%	1.444%
89	14.963	2138	2142	2149	rBV2	471659	1006510	12.84%	1.279%
90	15.066	2154	2159	2163	rBV3	1753759	3447227	43.97%	4.381%
91	15.176	2171	2177	2185	rVB2	2099123	4747363	60.55%	6.033%
92	15.322	2197	2201	2204	rBV3	415535	771495	9.84%	0.980%
93	15.365	2205	2208	2213	rVB	868063	1276807	16.28%	1.623%
94	15.420	2213	2217	2221	rBV	624668	1135647	14.48%	1.443%
95	15.658	2249	2256	2264	rBV	1518998	3193327	40.73%	4.058%
96	15.950	2300	2304	2309	rVB2	783289	1287775	16.42%	1.636%
97	16.023	2310	2316	2322	rBV4	804603	2024570	25.82%	2.573%
98	16.176	2335	2341	2356	rVB2	928586	2232760	28.48%	2.837%
99	16.444	2379	2385	2398	rVB	3297780	7539716	96.16%	9.581%
100	16.645	2410	2418	2430	rBV	2392850	5994752	76.46%	7.618%

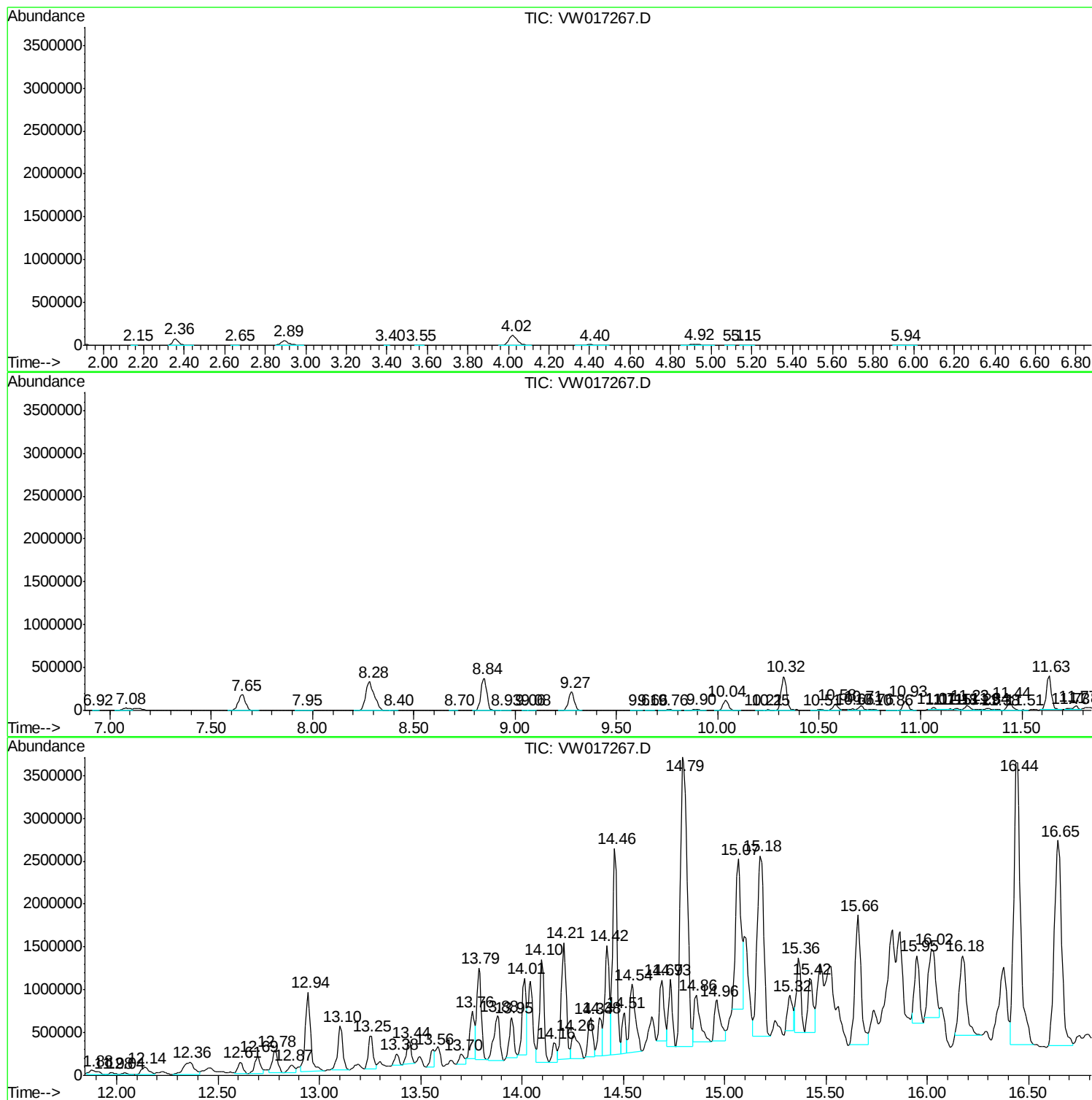
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

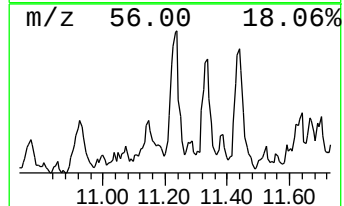
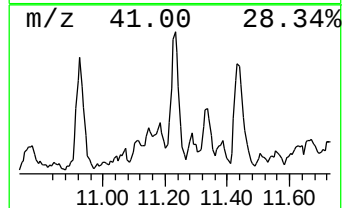
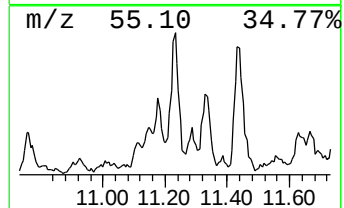
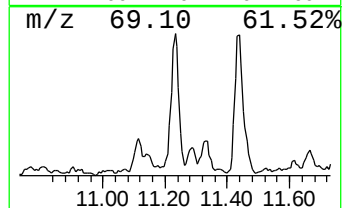
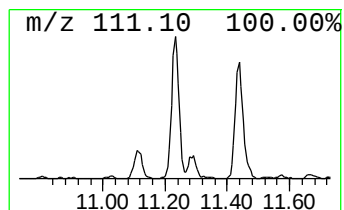
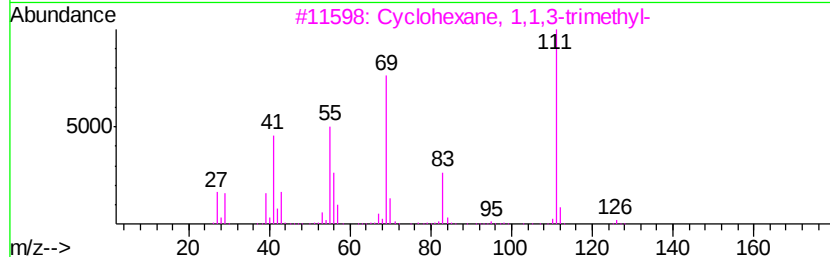
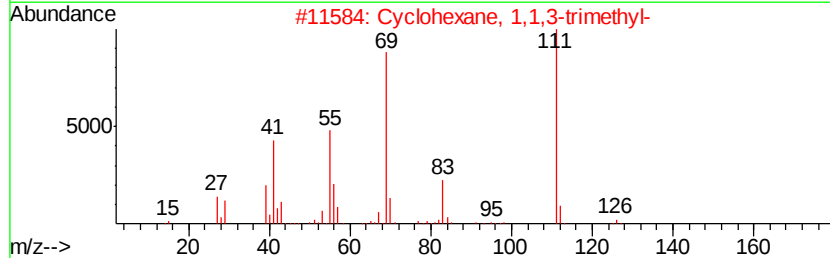
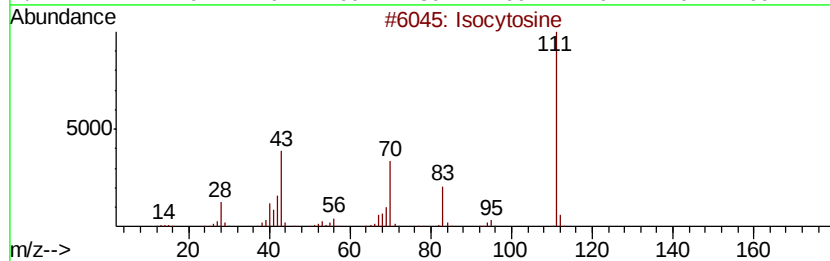
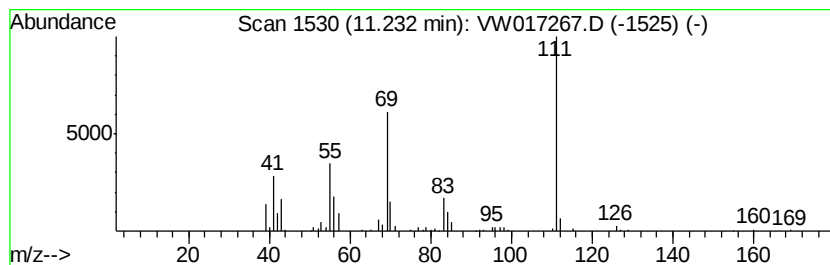
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 4 Isocytosine Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.31 ug/L	89671	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isocytosine	111	C4H5N3O	000108-53-2	64
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
3		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	60
4		4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	59
5		1-Aminocyclopropanecarboxylic ac...	156	C7H12N2O2	1000375-50-8	53



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Instrument :
MSVOA_W
ClientSampled :
C0AC2RE

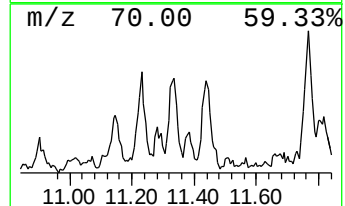
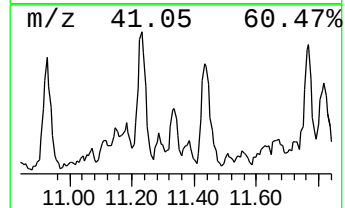
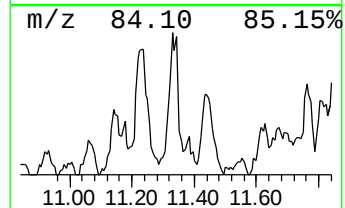
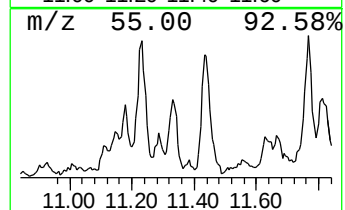
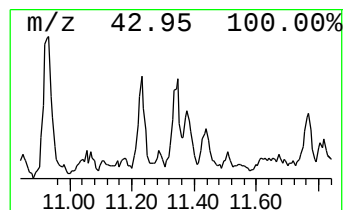
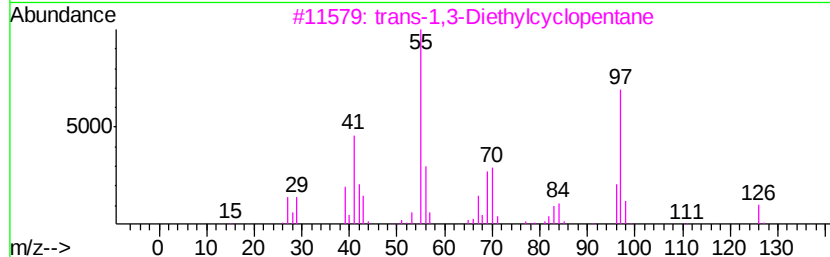
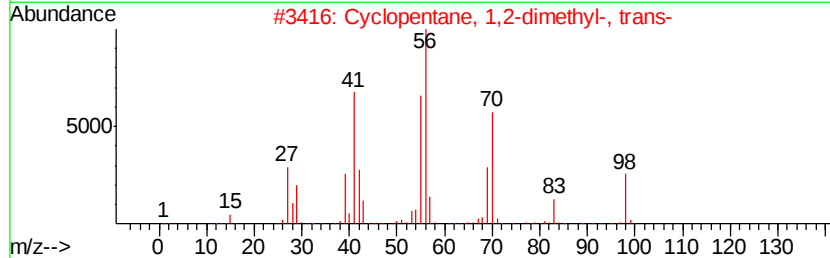
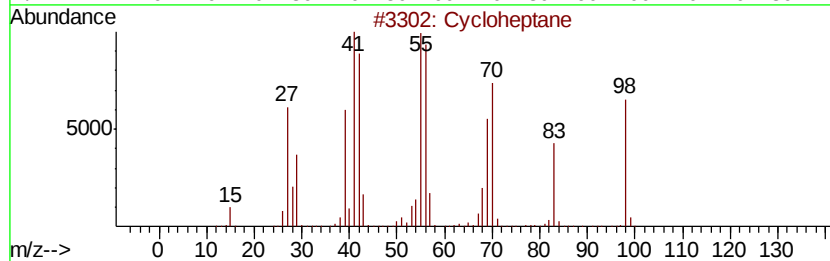
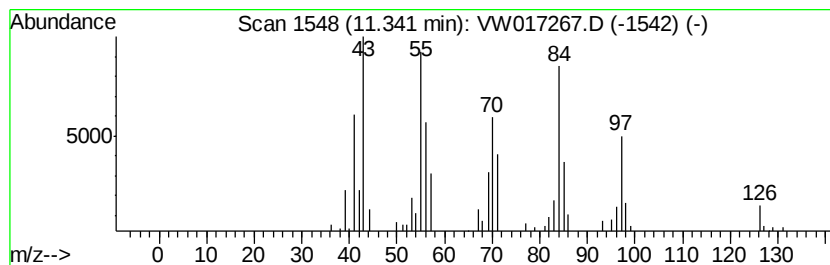
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic11.34 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.38 ug/L	37281	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cycloheptane	98	C7H14	000291-64-5	41
2		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	38
3		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	38
4		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	38
5		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	25



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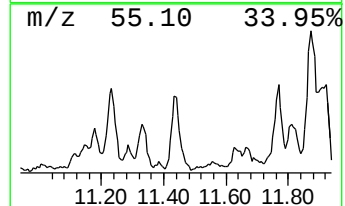
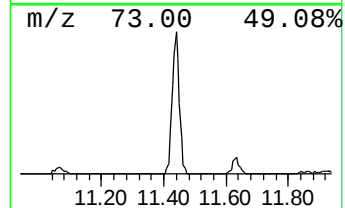
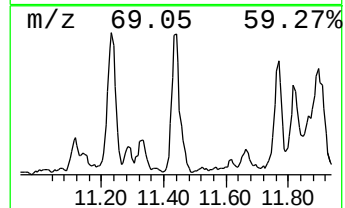
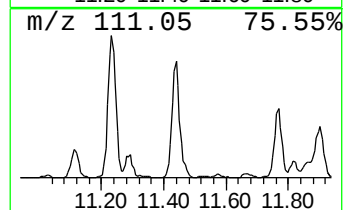
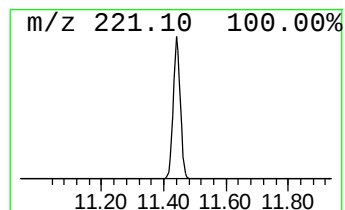
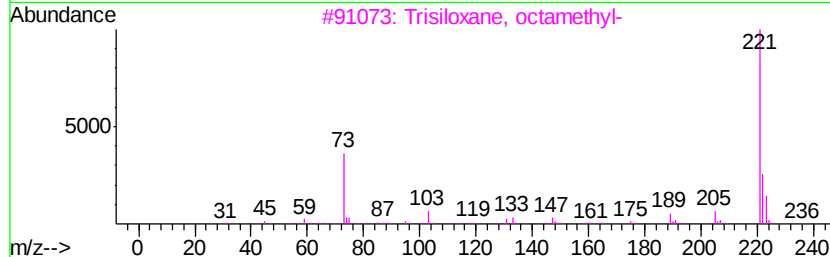
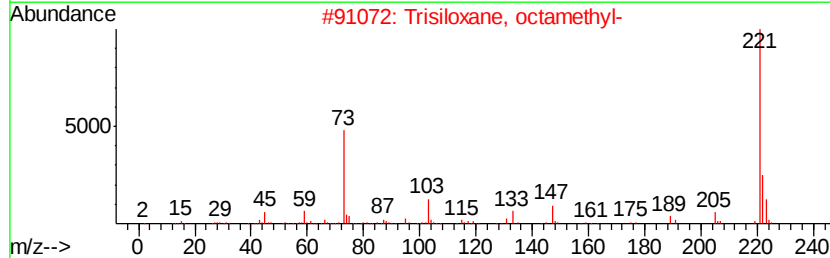
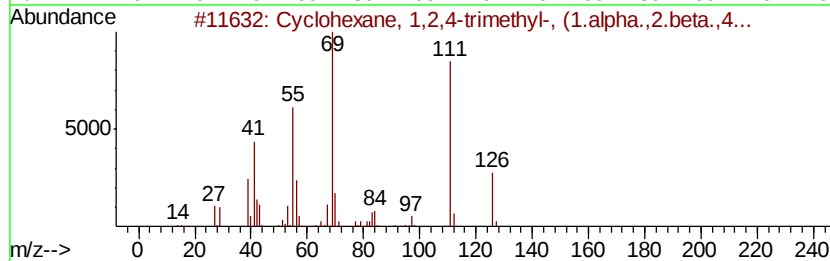
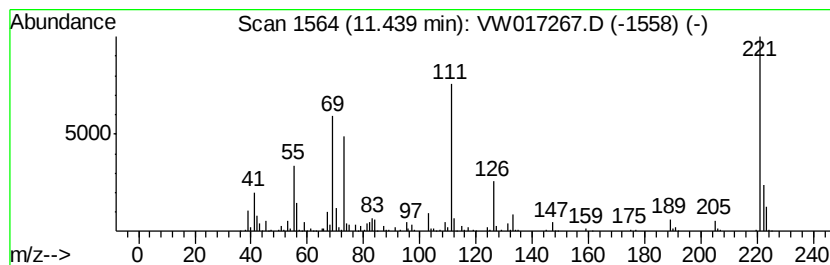
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic11.44 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.44	5.51 ug/L	149331	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	49
2	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	49
3	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	47
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	46
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

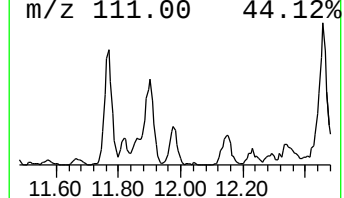
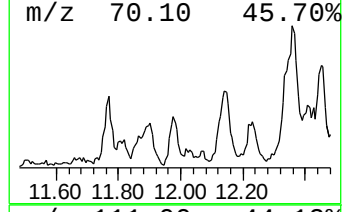
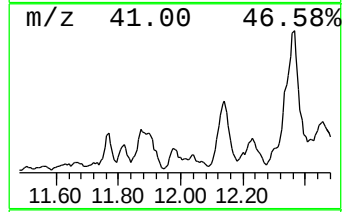
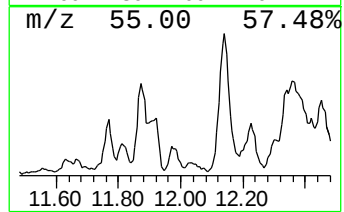
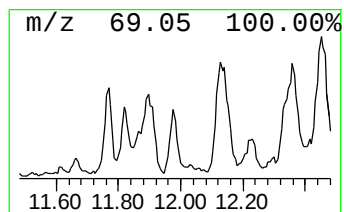
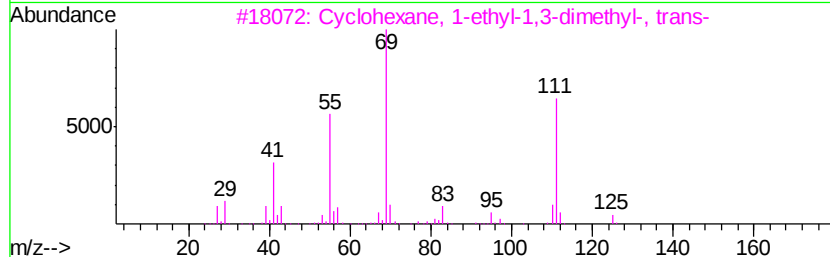
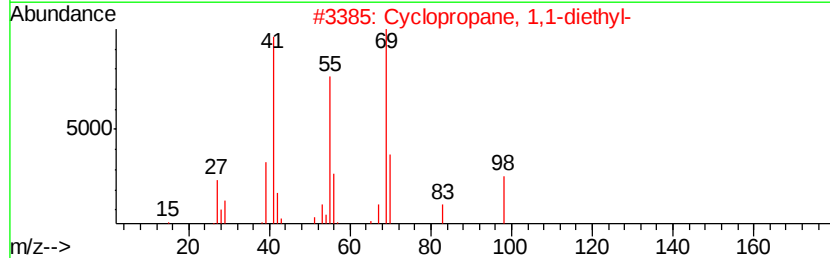
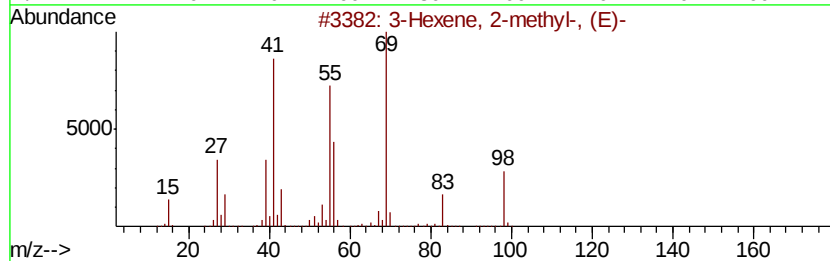
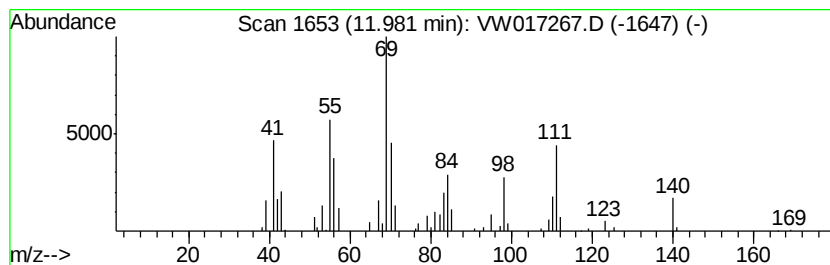
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	2.05 ug/L	55588	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49
2	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
3	Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	47
4	Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-32-8	47
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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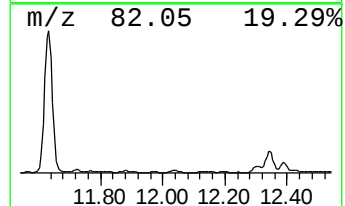
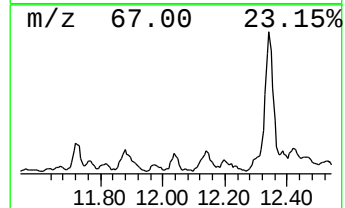
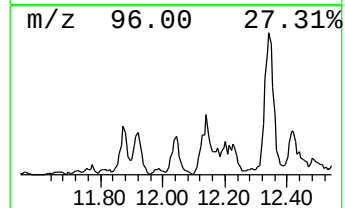
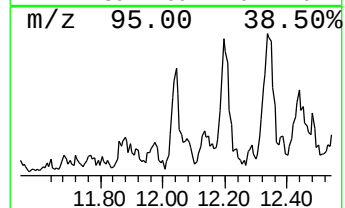
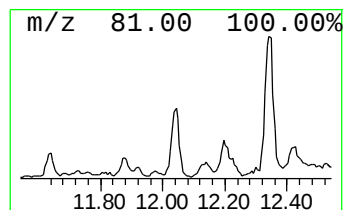
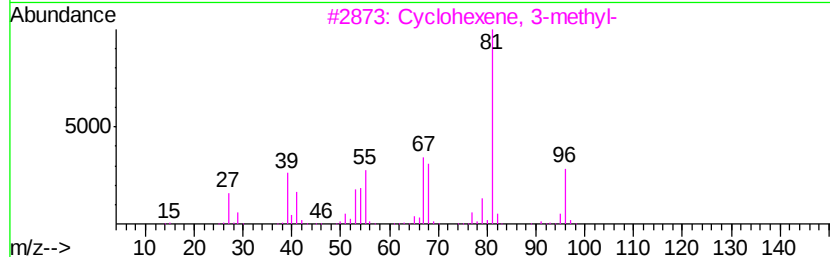
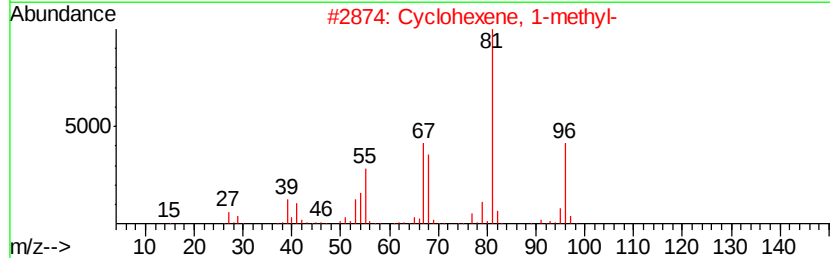
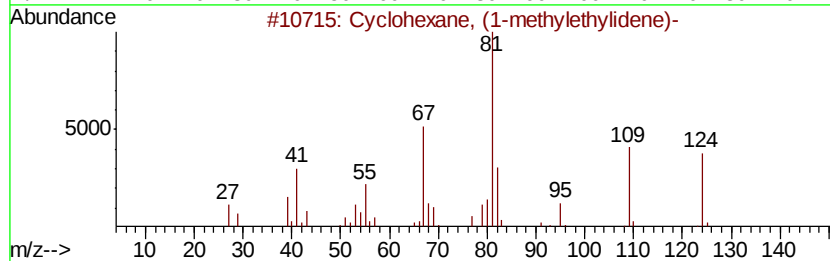
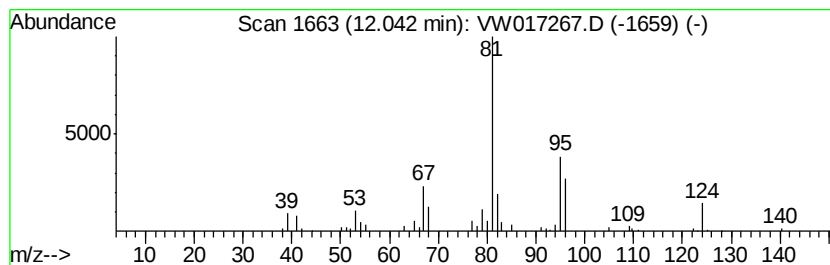
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Quant Title : VOC Analysis

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

Peak Number 8 Cyclohexane, (1-methylethyl... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	1.44 ug/L	39119	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	59
2		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	58
3		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	58
4		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53
5		Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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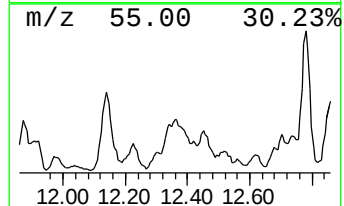
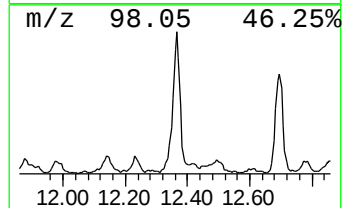
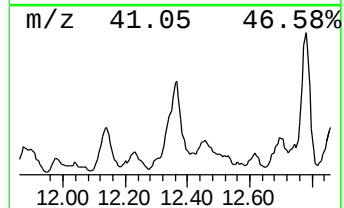
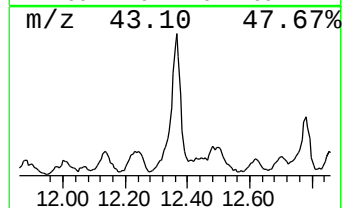
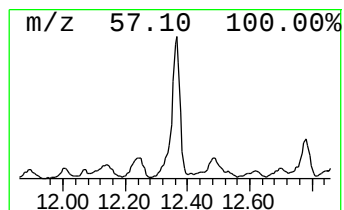
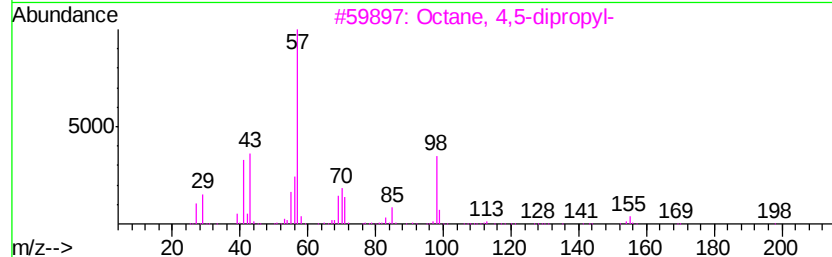
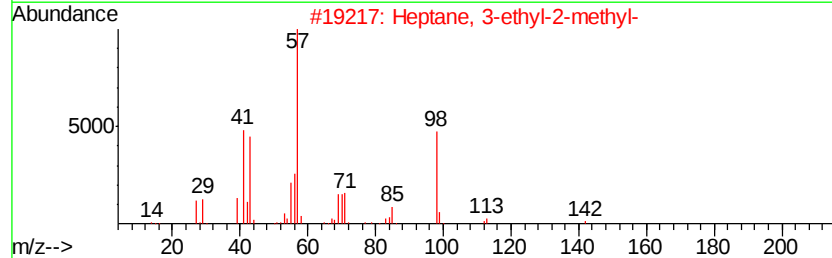
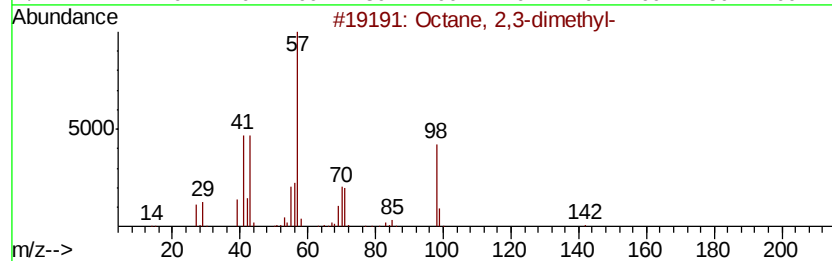
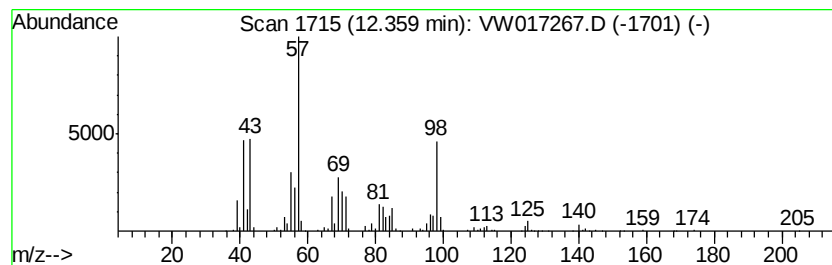
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	19.77 ug/L	535771	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	81
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	76
3		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	52
5		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

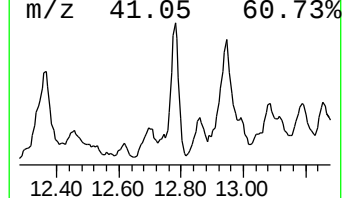
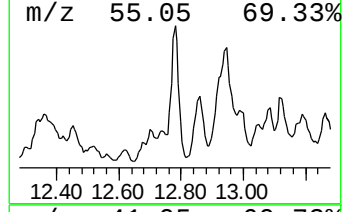
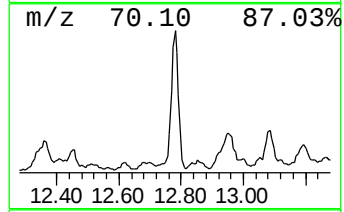
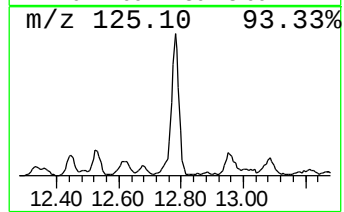
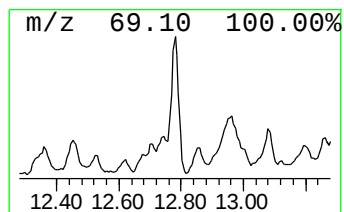
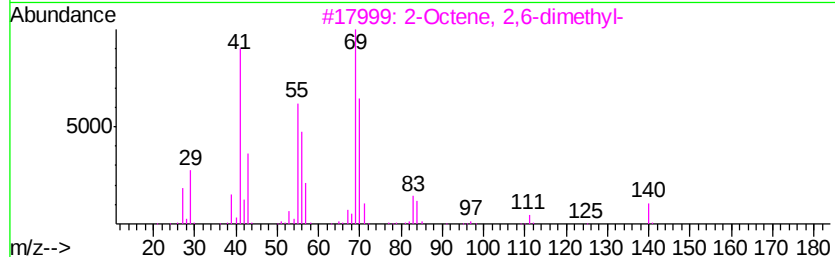
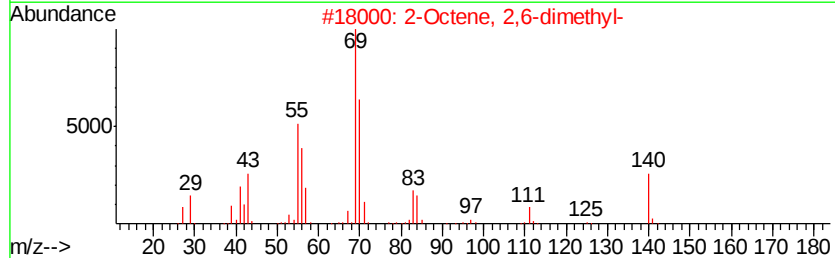
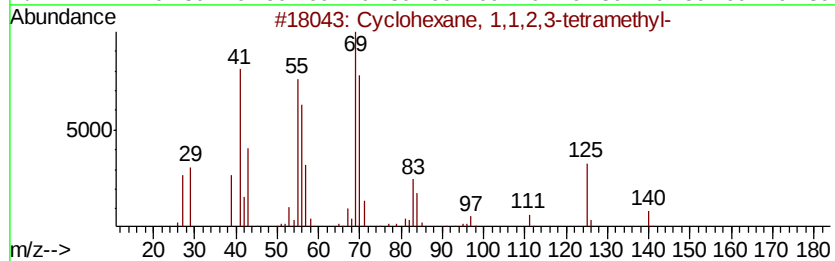
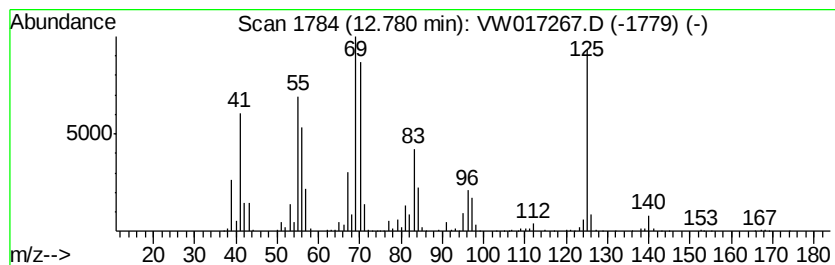
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic12.78 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.78	43.31 ug/L	475202	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46
4		Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	38
5		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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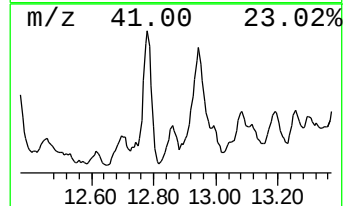
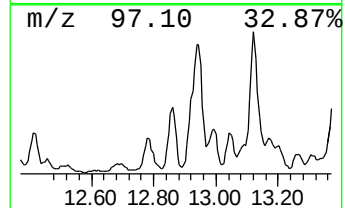
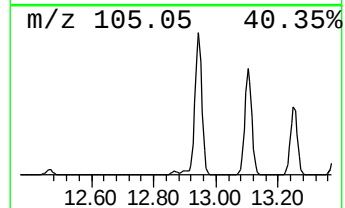
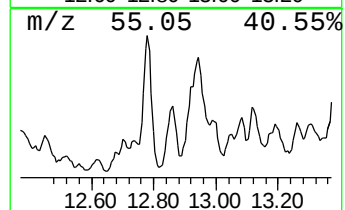
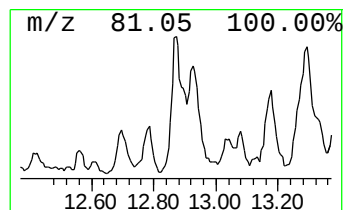
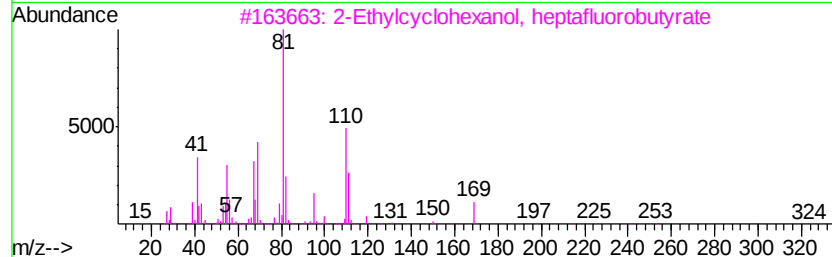
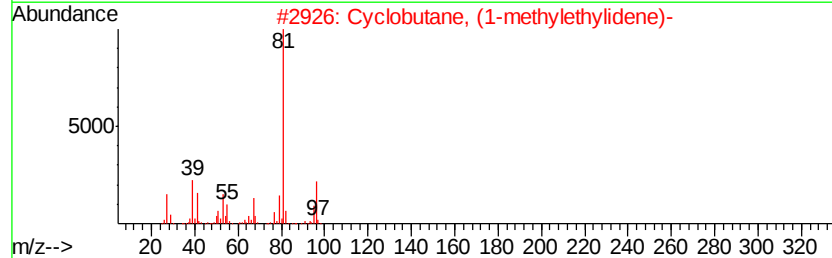
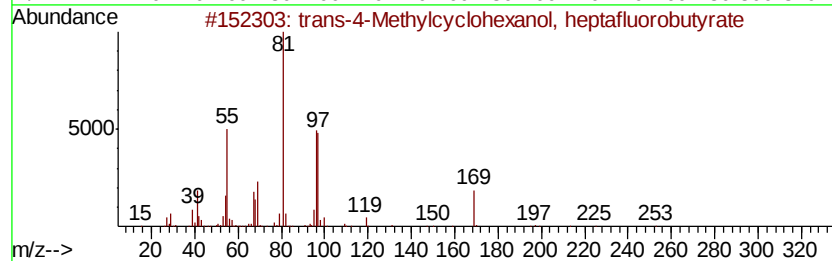
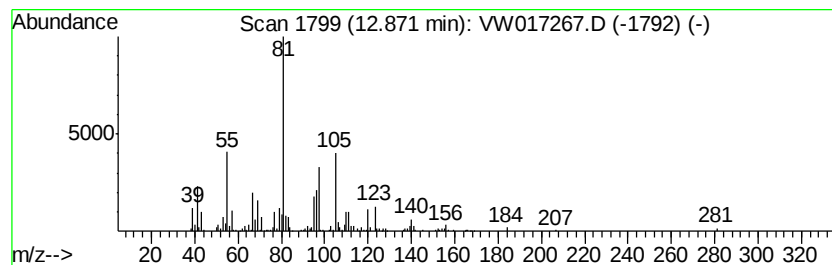
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Quant Title : VOC Analysis

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

Peak Number 12 trans-4-Methylcyclohexanol,... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	16.60 ug/L	182090	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4-Methylcyclohexanol, hept...	310	C11H13F7O2	1000364-14-0	50
2		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
3		2-Ethylcyclohexanol, heptafluoro...	324	C12H15F7O2	959079-92-6	38
4		1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	38
5		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

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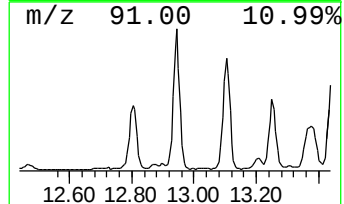
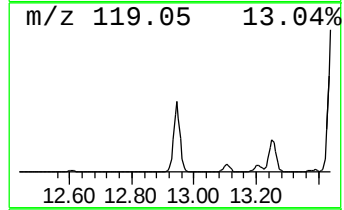
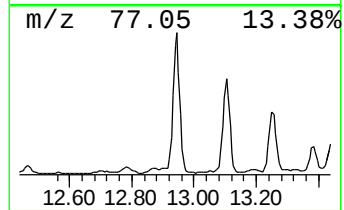
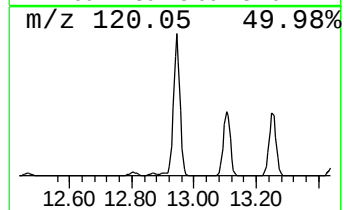
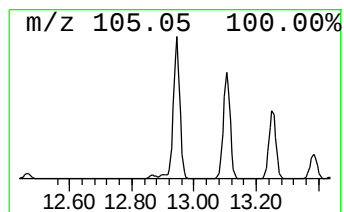
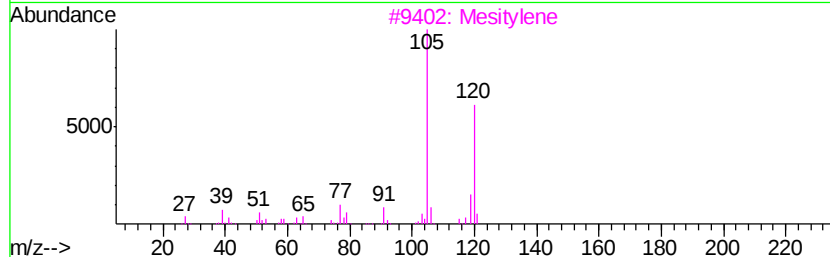
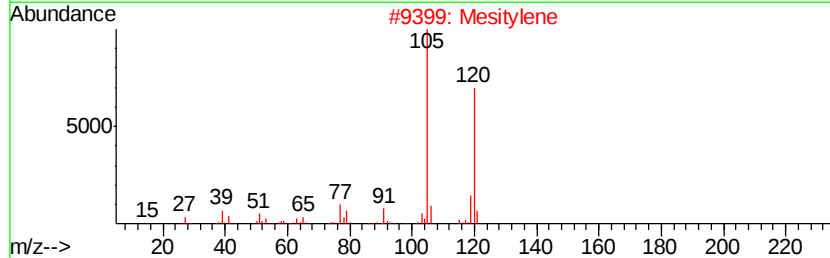
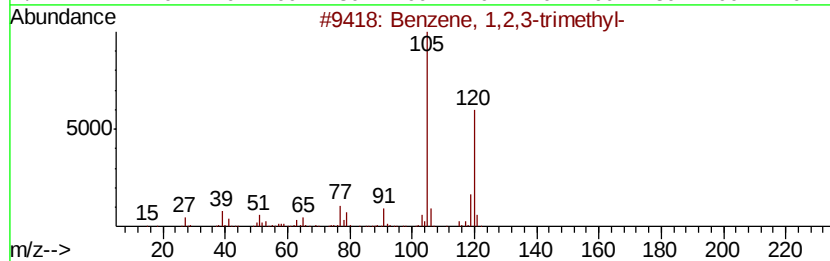
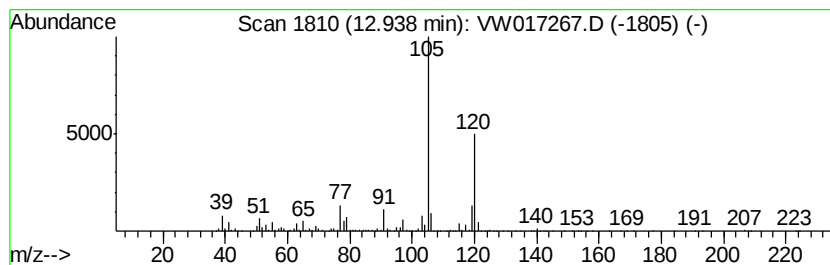
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	152.14 ug/L	1669310	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		Mesitylene	120	C9H12	000108-67-8	95
3		Mesitylene	120	C9H12	000108-67-8	95
4		Mesitylene	120	C9H12	000108-67-8	93
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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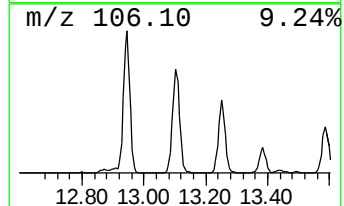
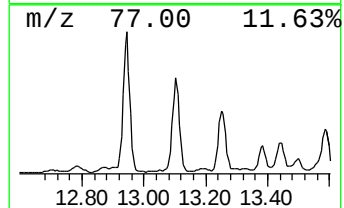
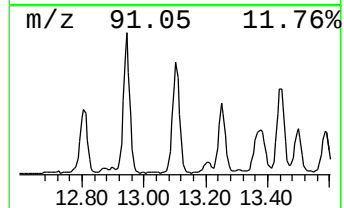
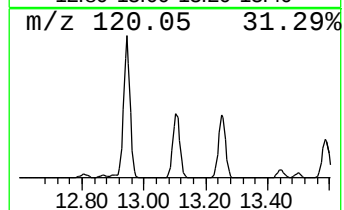
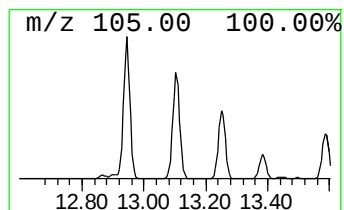
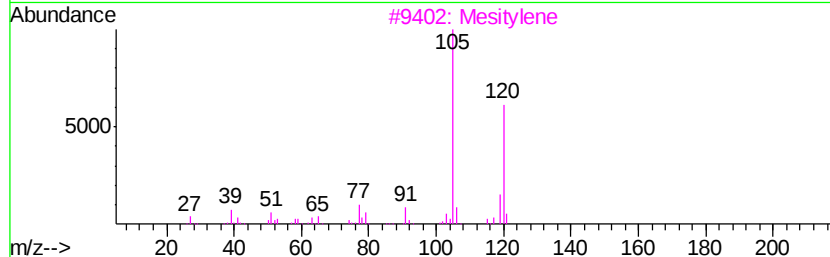
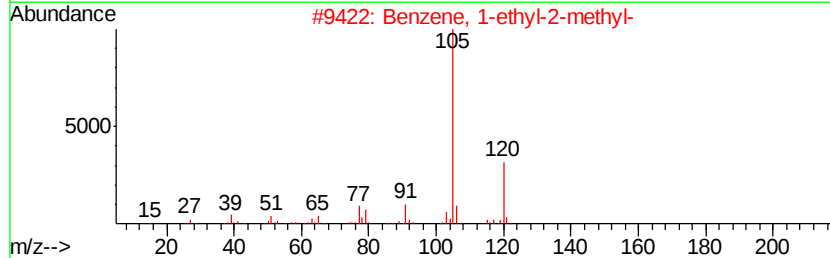
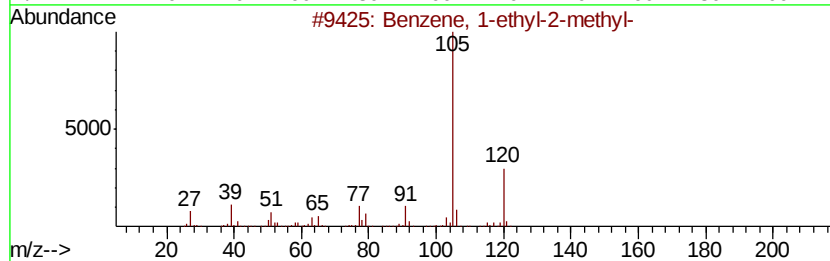
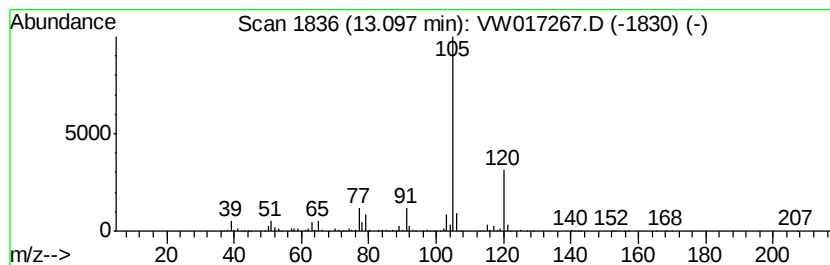
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	82.25 ug/L	902495	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

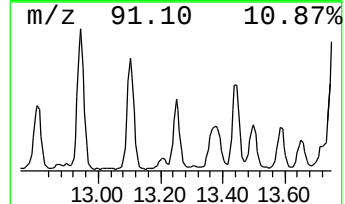
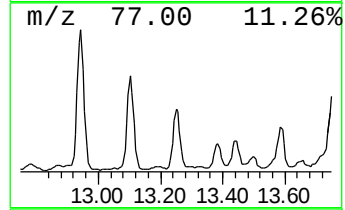
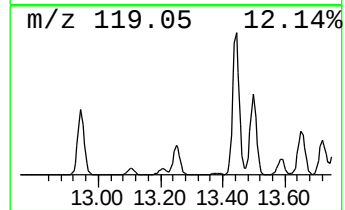
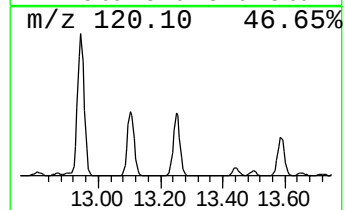
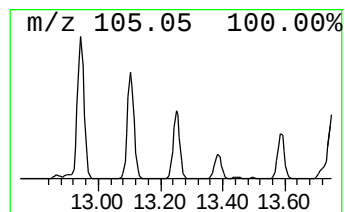
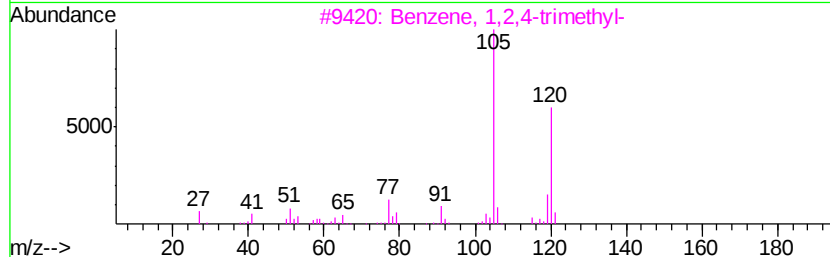
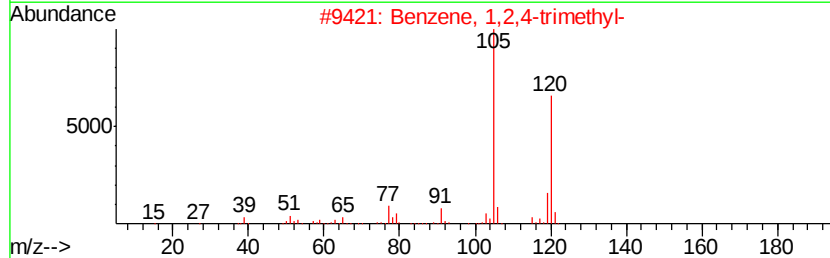
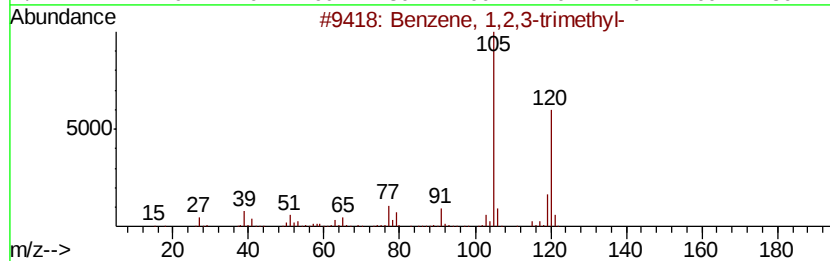
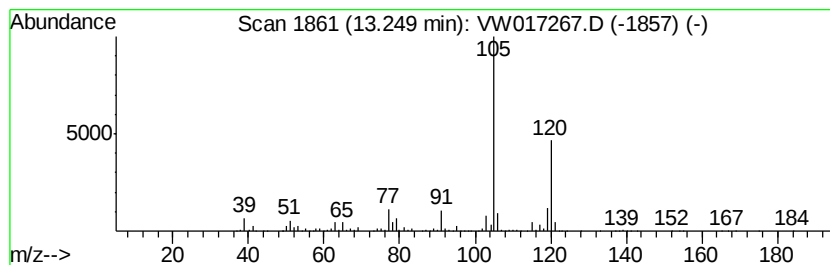
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2,4-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	56.56 ug/L	620552	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	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

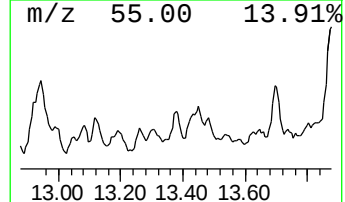
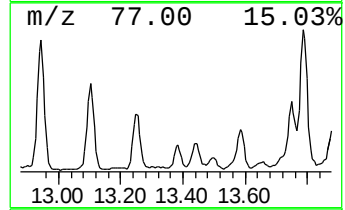
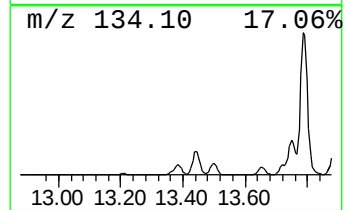
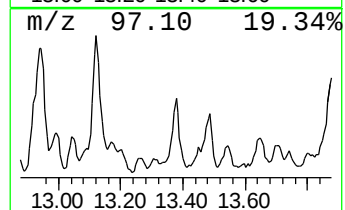
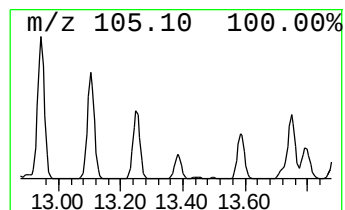
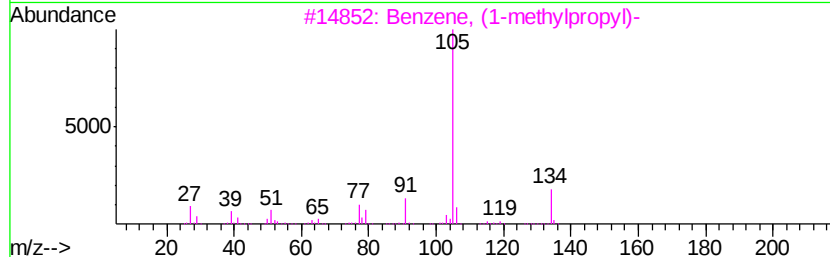
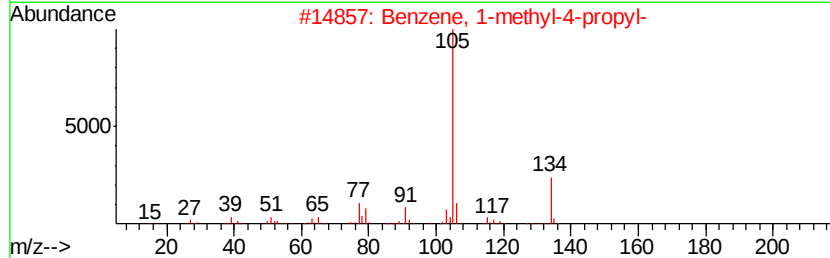
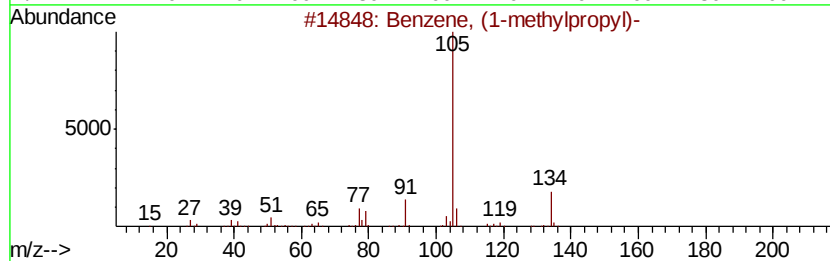
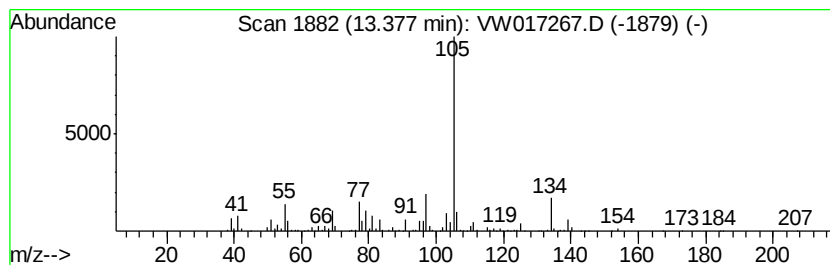
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, (1-methylpropyl)- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	16.52 ug/L	181273	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	62
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

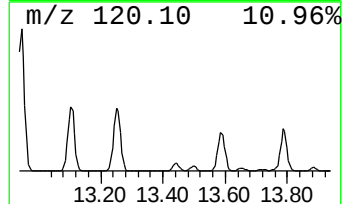
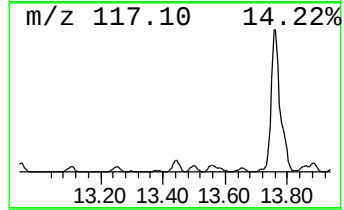
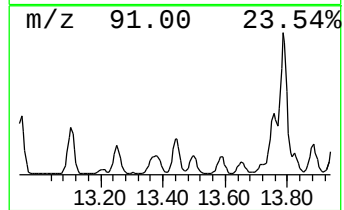
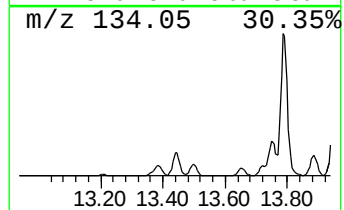
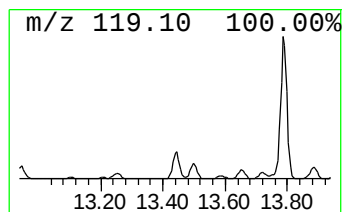
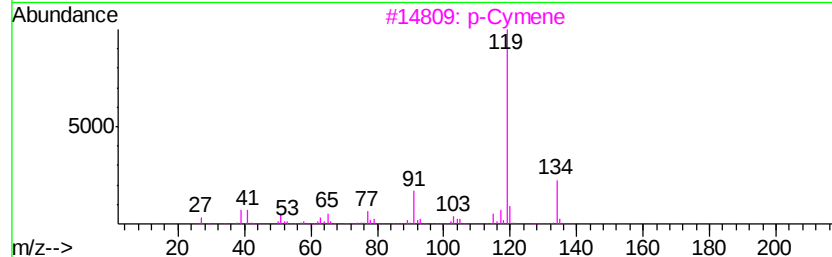
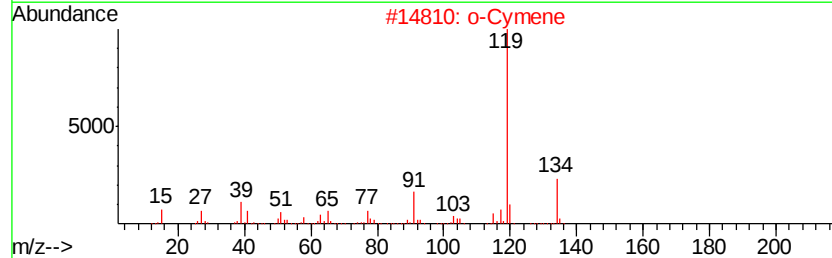
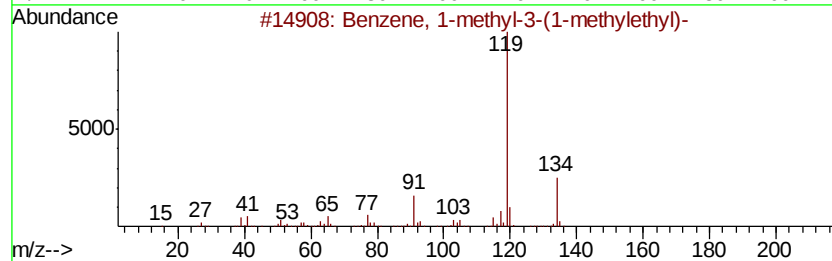
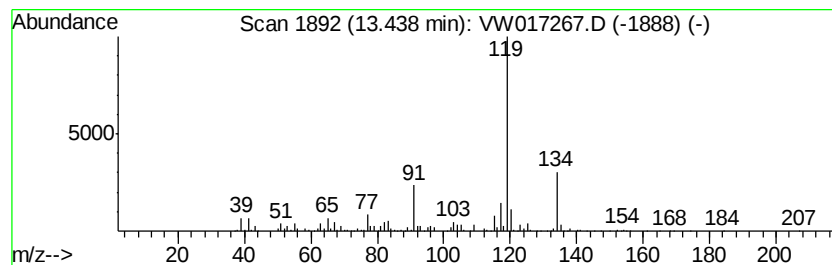
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-methyl-3-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	37.76 ug/L	414341	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl-...	134	C10H14	000535-77-3	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		p-Cymene	134	C10H14	000099-87-6	95
4		Benzene, 1-methyl-3-(1-methylethyl-...	134	C10H14	000535-77-3	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

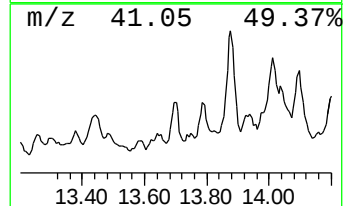
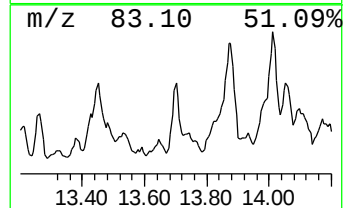
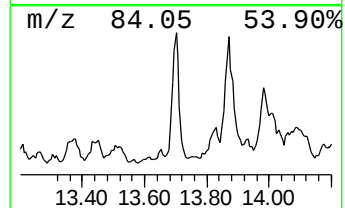
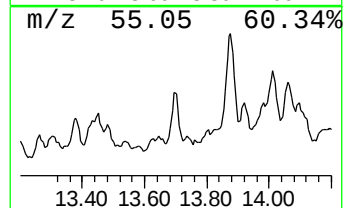
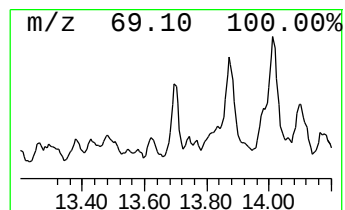
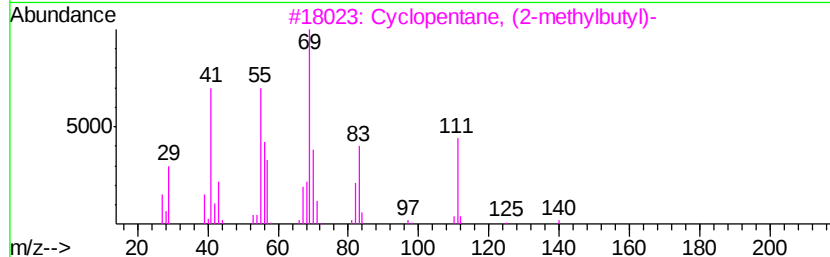
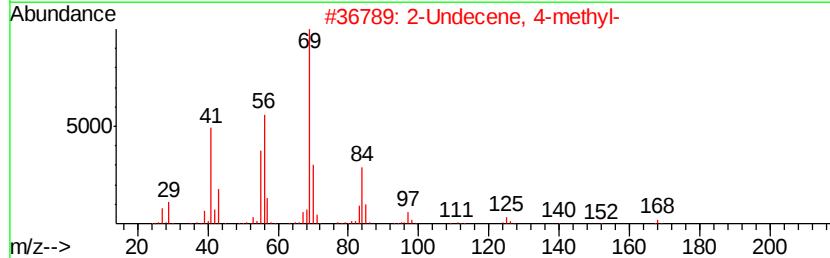
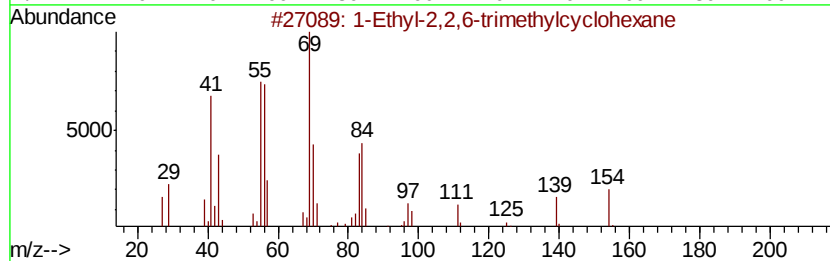
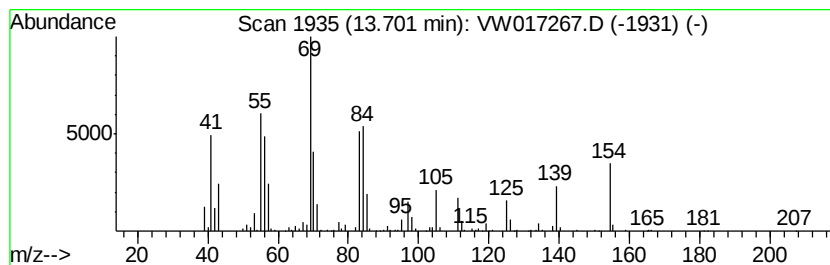
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	20.57 ug/L	225728	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
2		2-Undecene, 4-methyl-	168	C12H24	091695-32-8	59
3		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
4		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53
5		Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

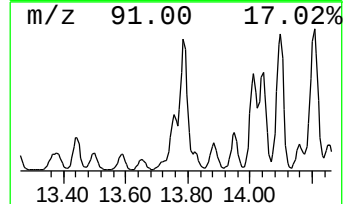
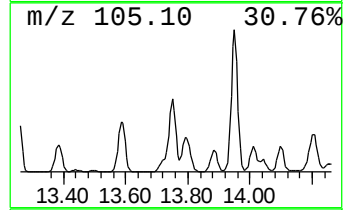
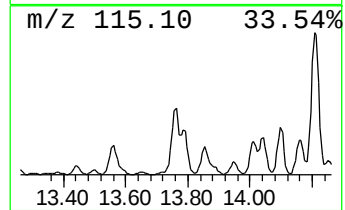
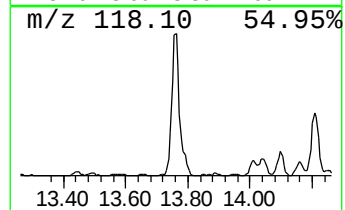
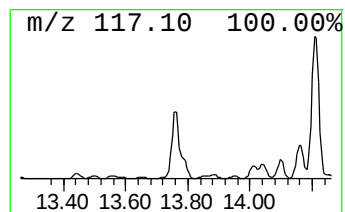
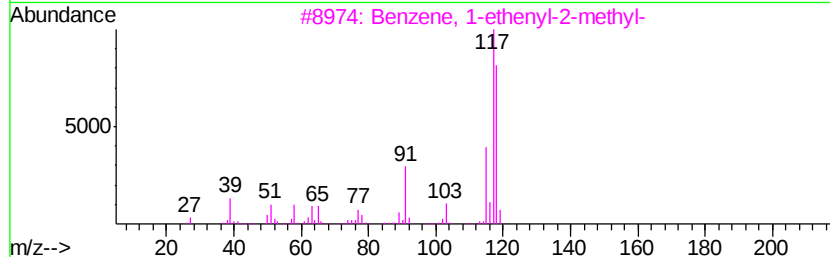
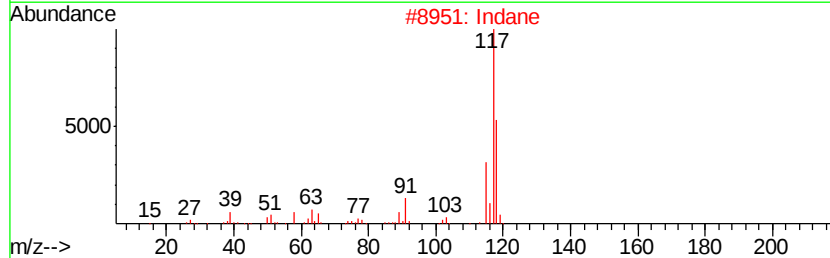
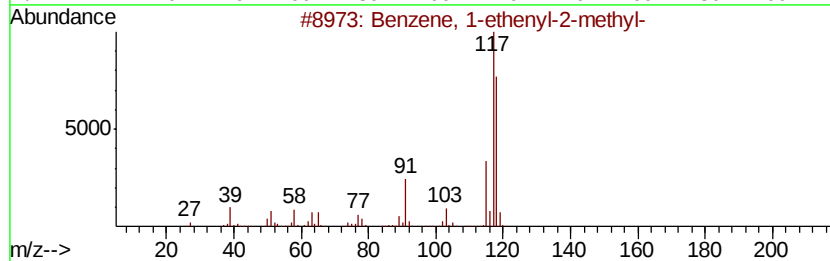
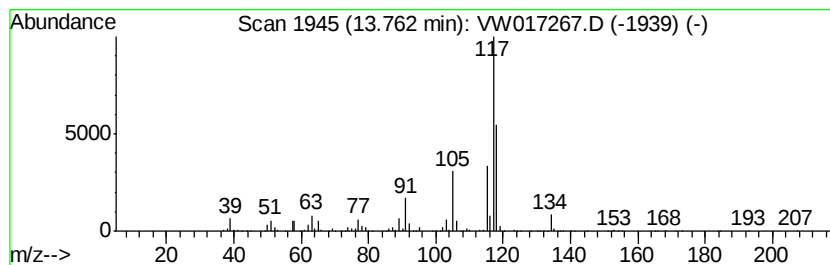
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-ethenyl-2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	78.97 ug/L	866503	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 76
2		Indane	118 C9H10	000496-11-7 70
3		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 68
4		Benzene, cyclopropyl-	118 C9H10	000873-49-4 68
5		Benzene, cyclopropyl-	118 C9H10	000873-49-4 68



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

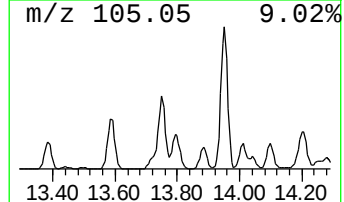
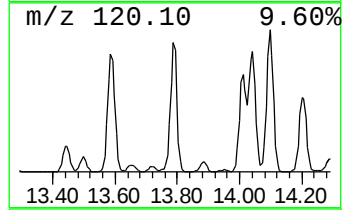
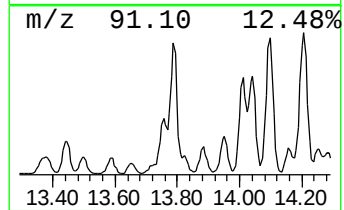
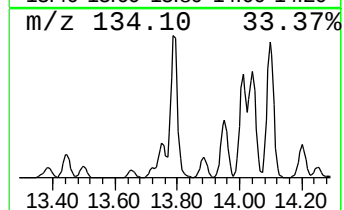
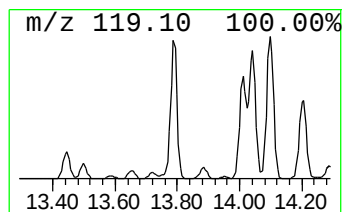
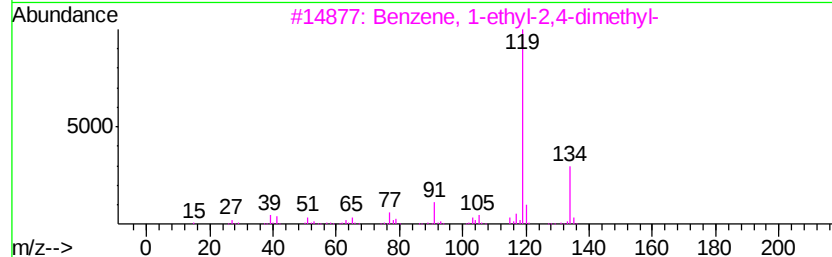
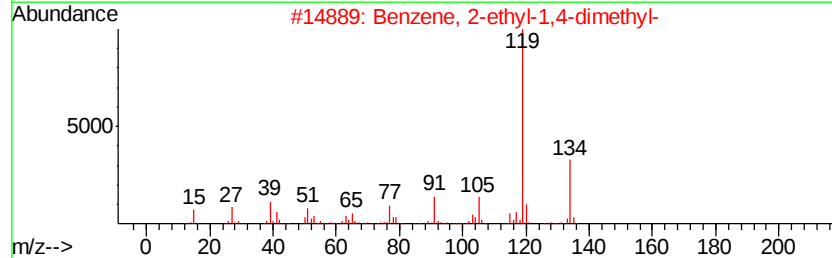
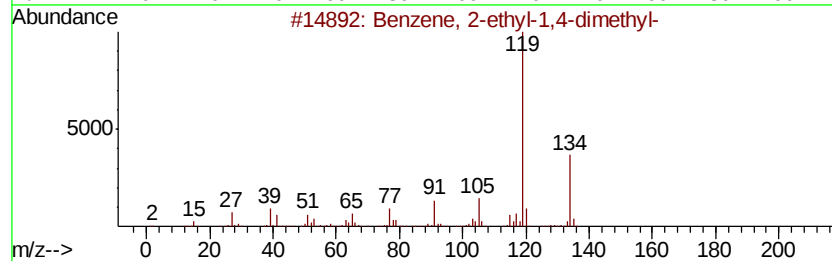
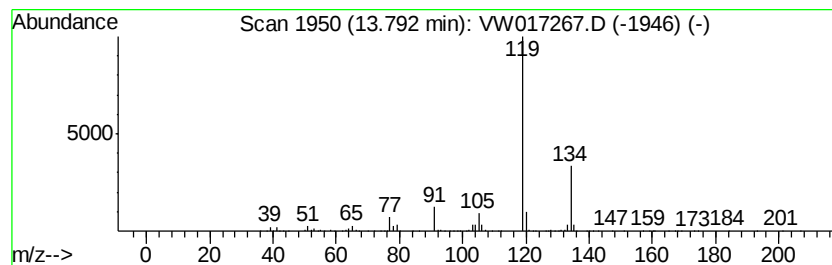
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	146.30 ug/L	1605320	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

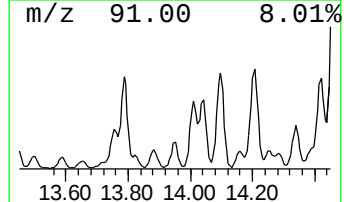
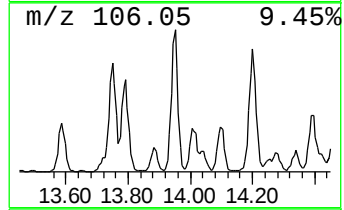
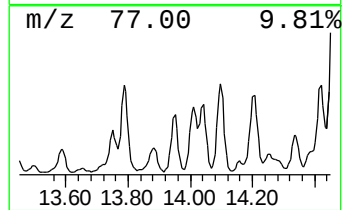
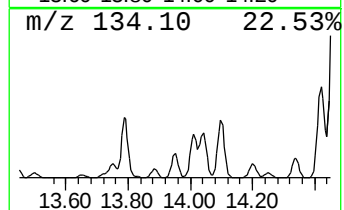
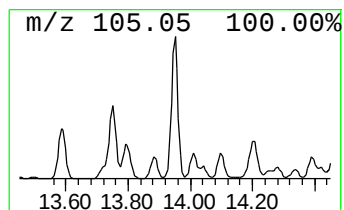
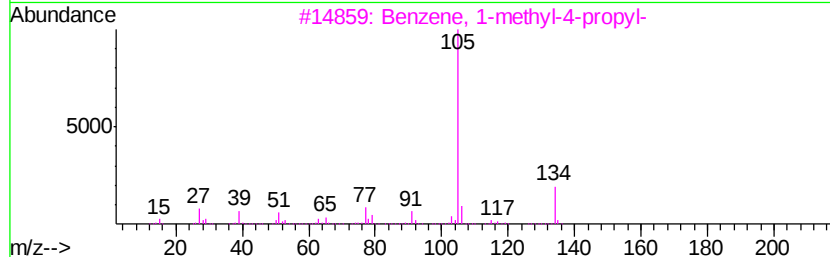
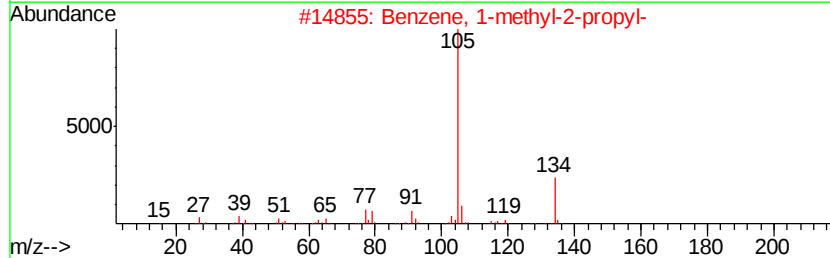
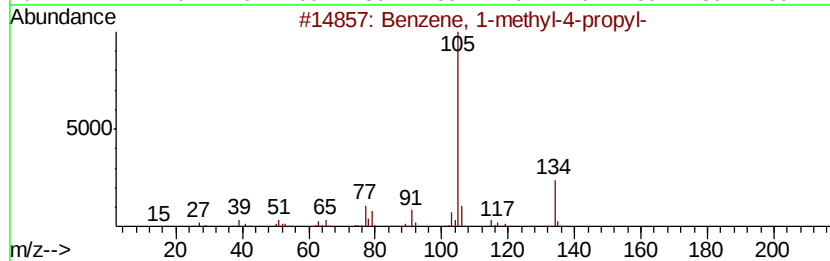
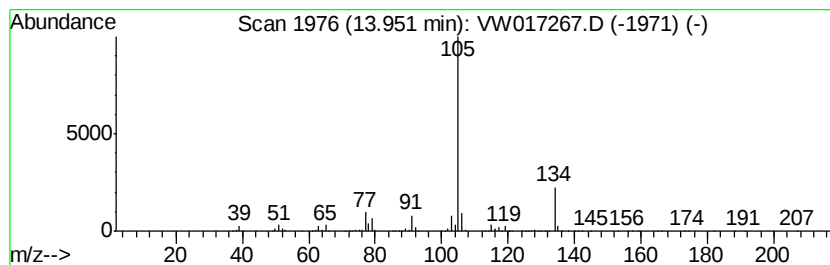
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Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 1-methyl-4-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	66.26 ug/L	727056	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

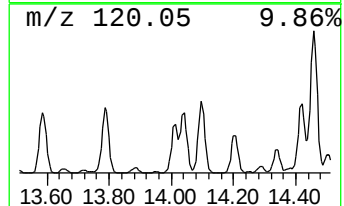
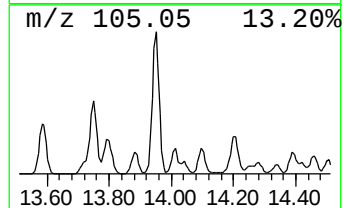
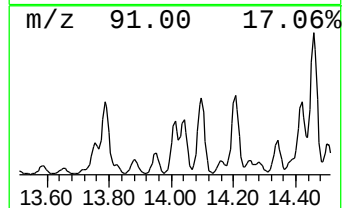
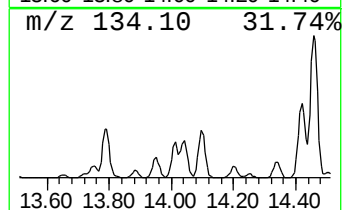
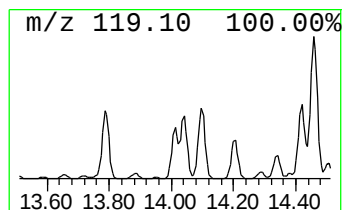
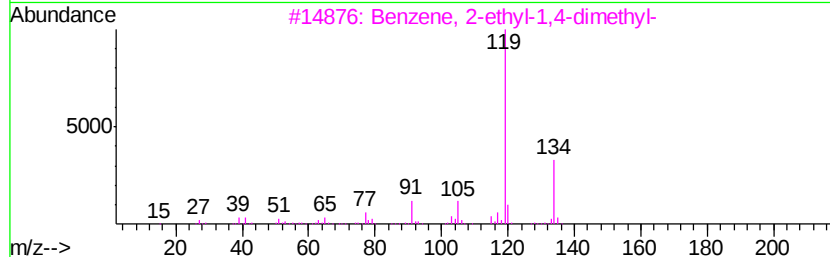
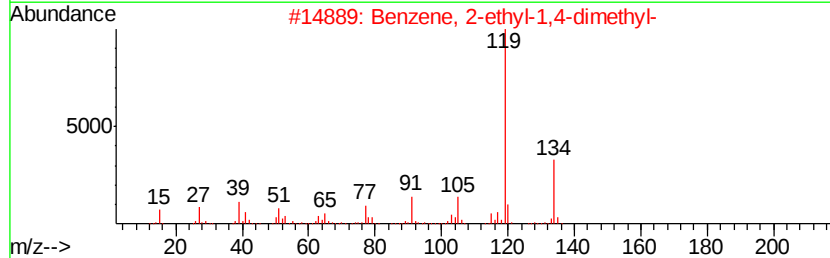
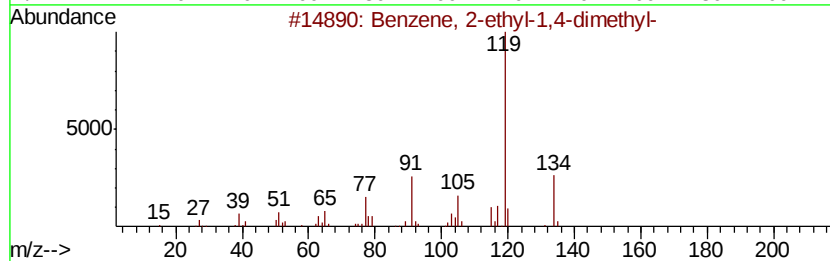
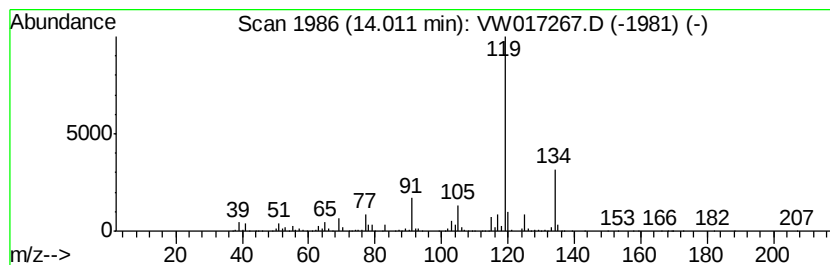
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Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	120.38 ug/L	1320830	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

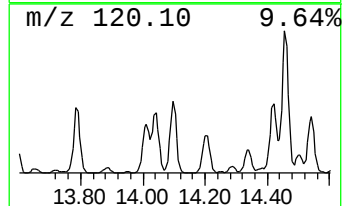
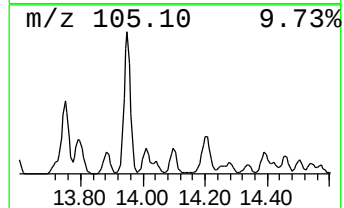
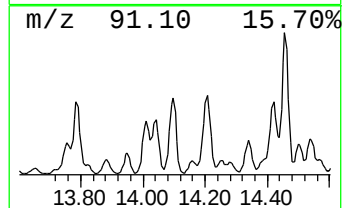
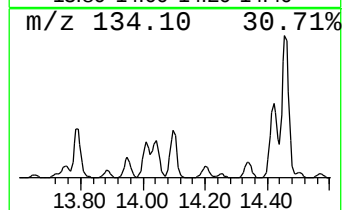
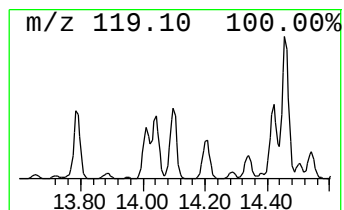
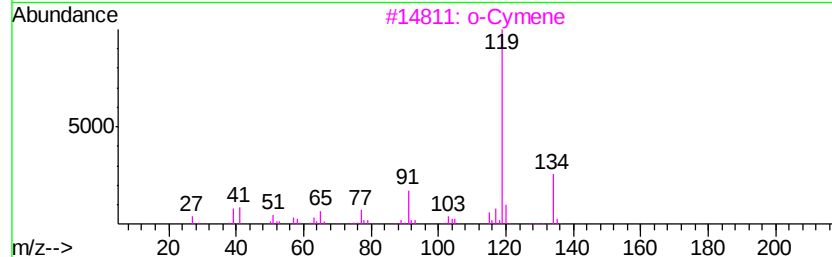
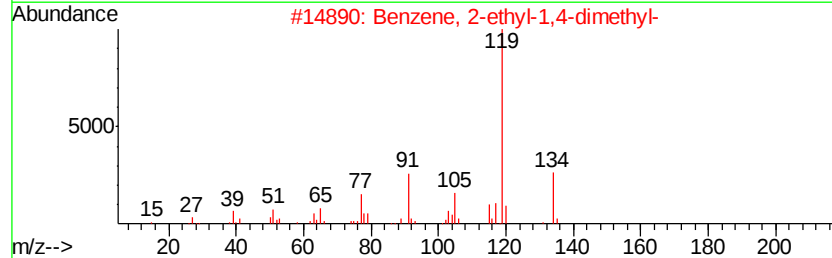
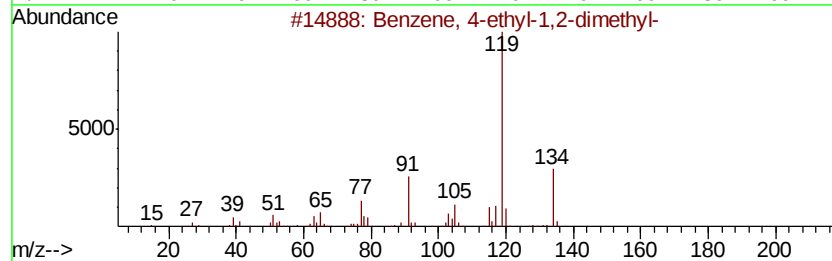
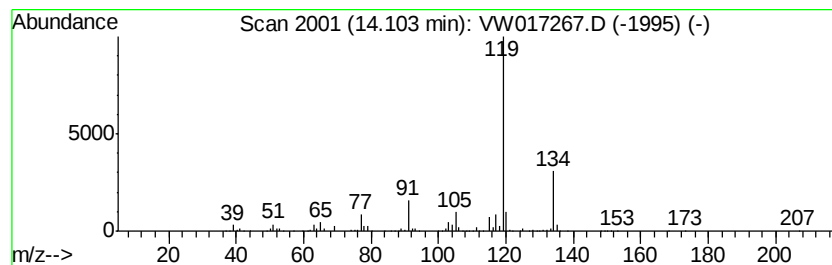
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	173.14 ug/L	1899730	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	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

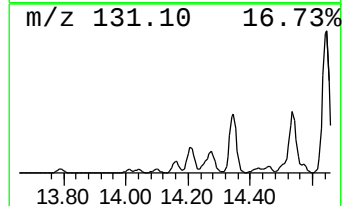
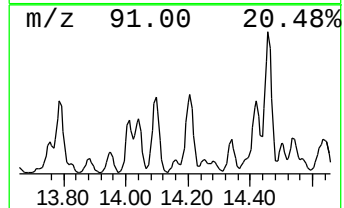
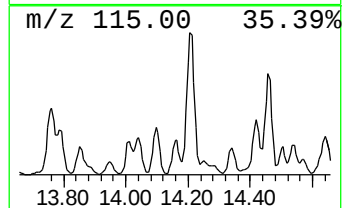
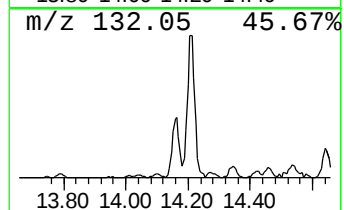
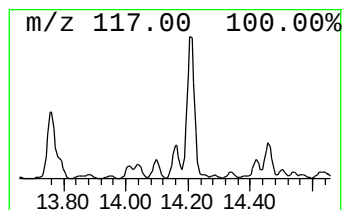
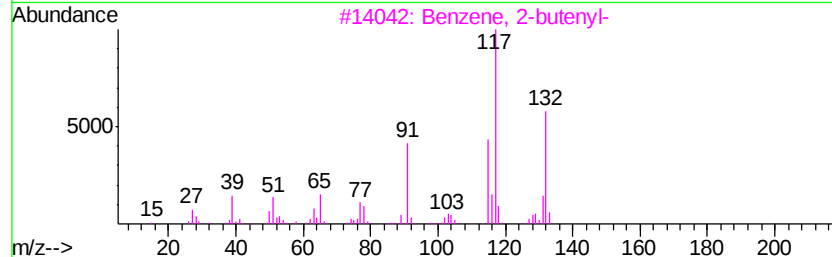
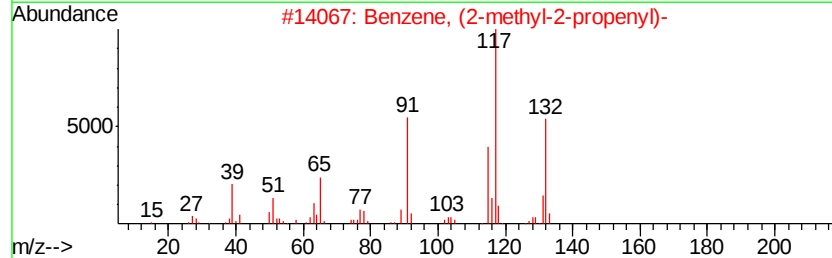
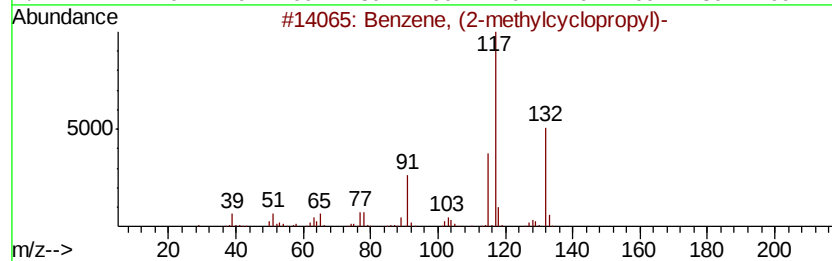
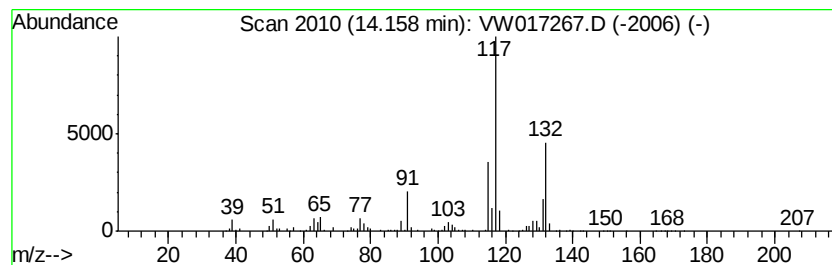
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, (2-methylcycloprop... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	32.19 ug/L	353171	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	93
2		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	91
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

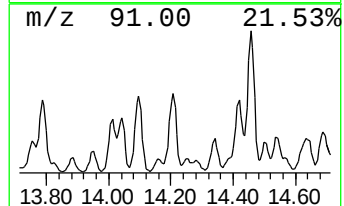
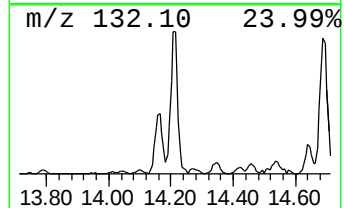
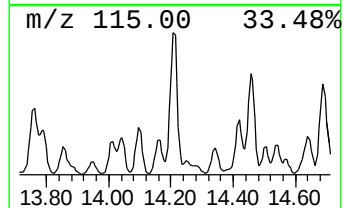
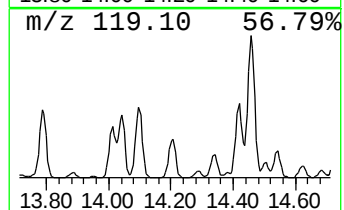
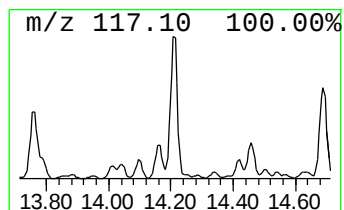
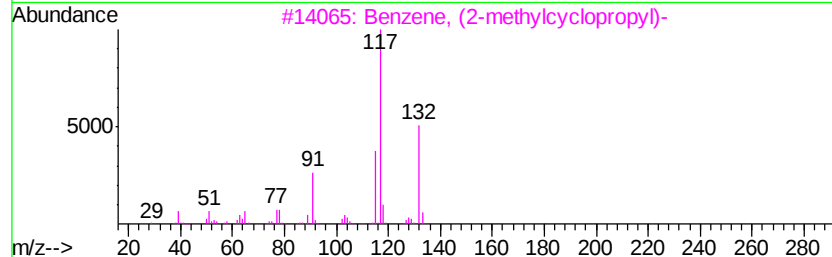
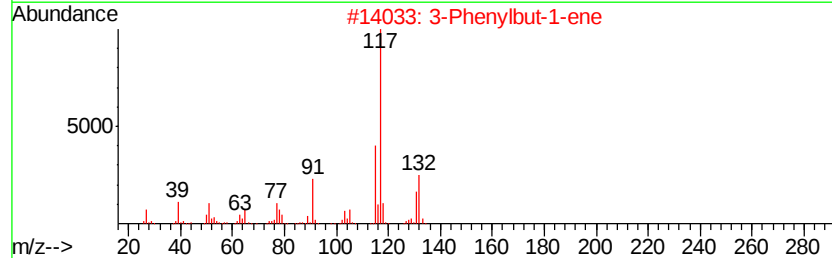
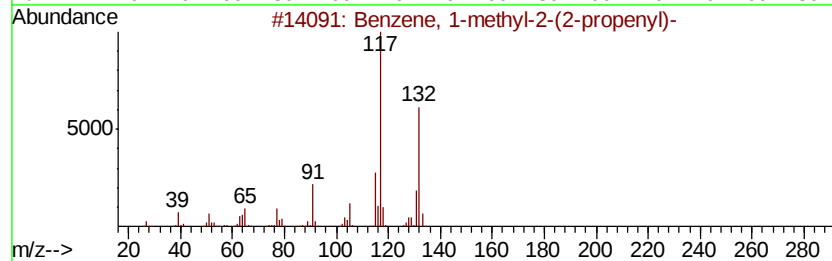
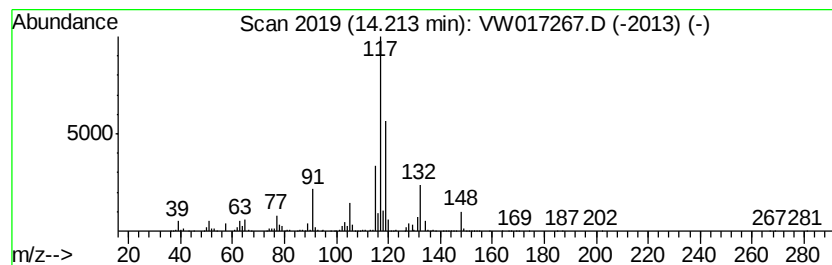
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Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 1-methyl-2-(2-prop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	208.30 ug/L	2285560	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

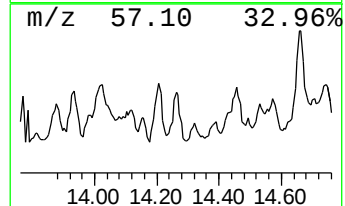
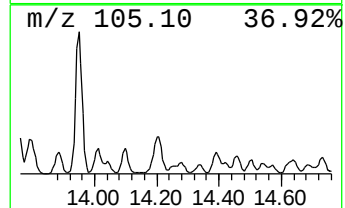
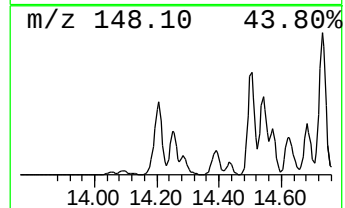
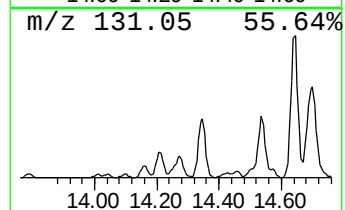
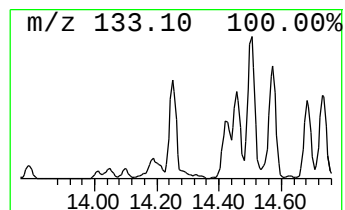
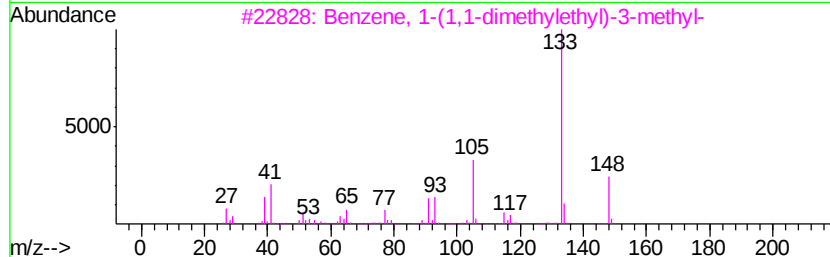
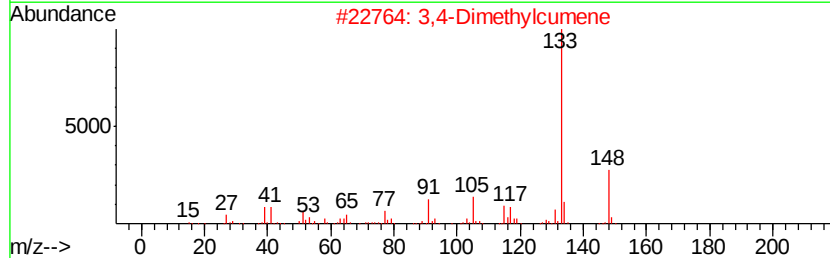
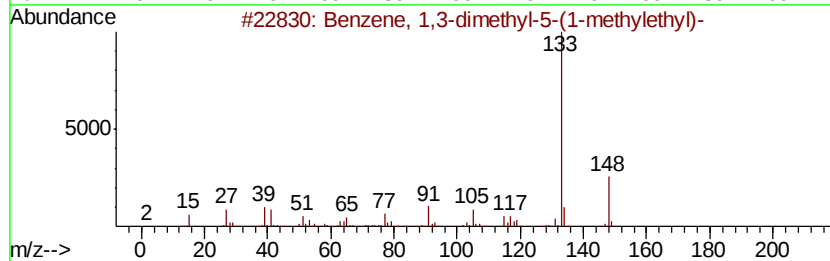
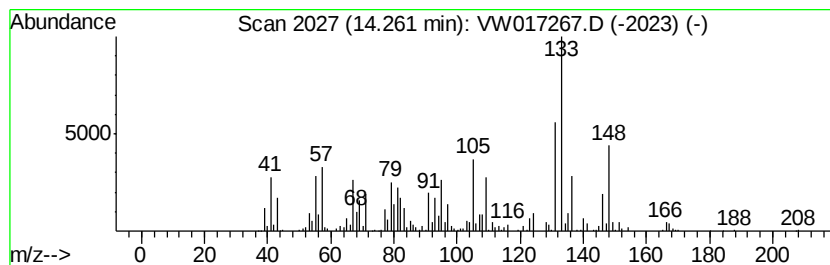
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	62.62 ug/L	687097	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	72
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	72
3		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	68
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	64
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

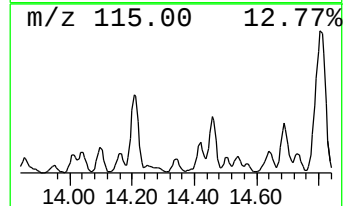
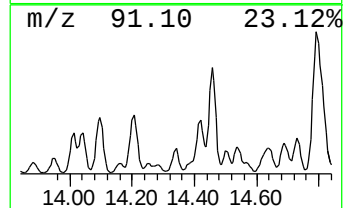
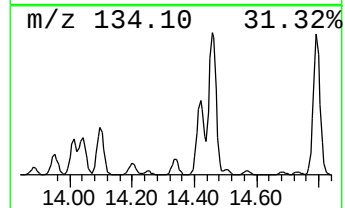
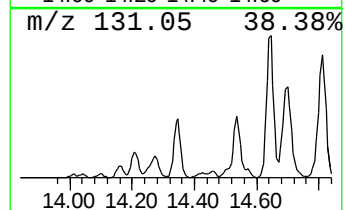
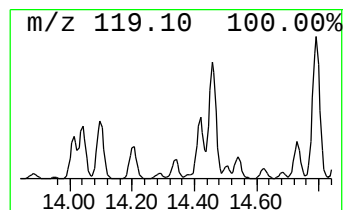
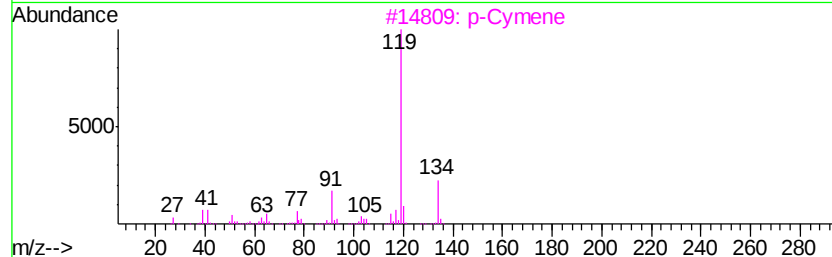
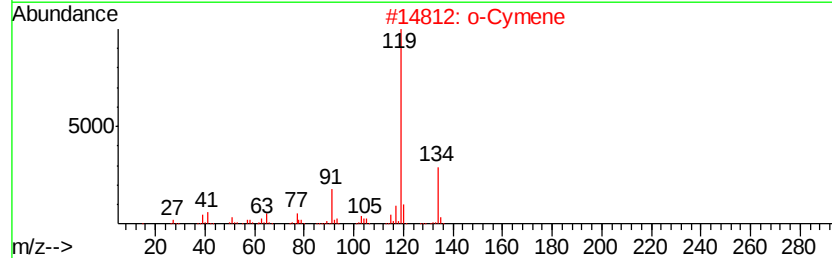
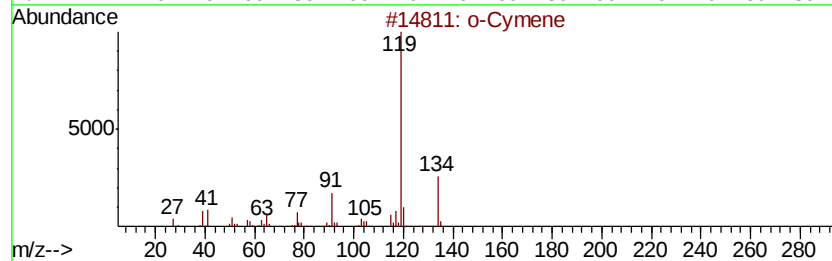
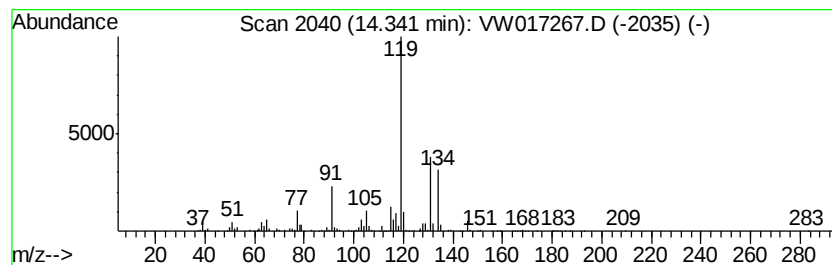
Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 27 o-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	66.18 ug/L	726127	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 92
2		o-Cymene	134 C10H14	000527-84-4 91
3		p-Cymene	134 C10H14	000099-87-6 91
4		o-Cymene	134 C10H14	000527-84-4 91
5		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 83



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

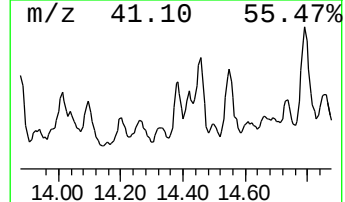
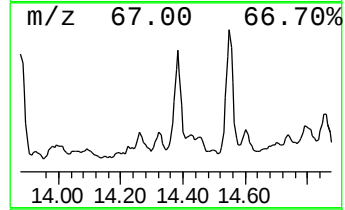
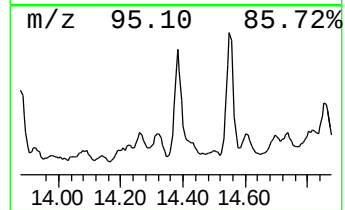
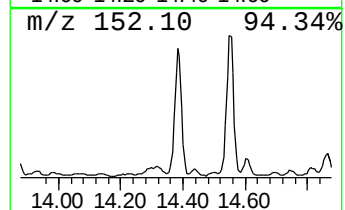
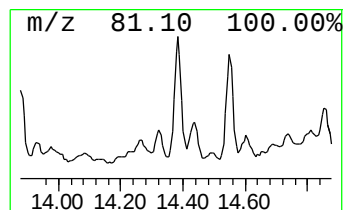
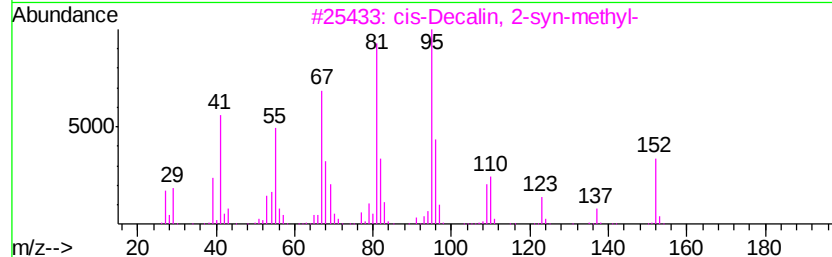
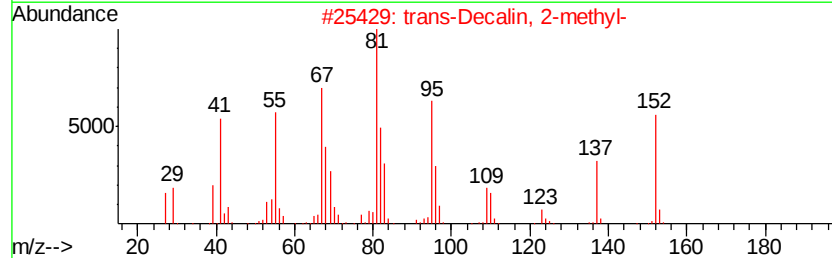
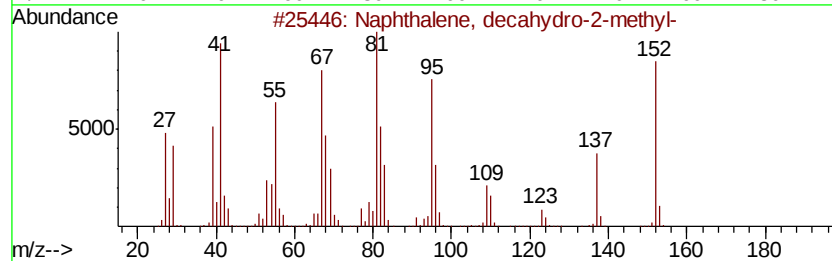
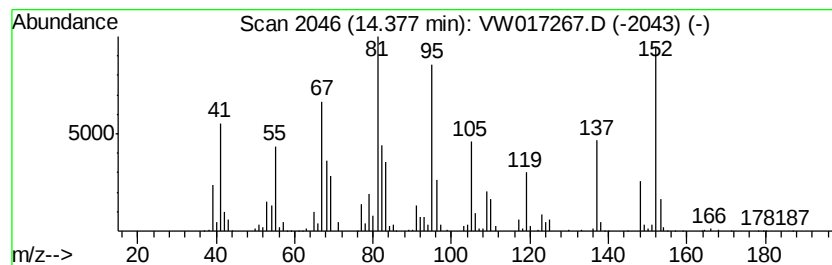
Instrument :
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ClientSampled :
C0AC2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 28 Naphthalene, decahydro-2-me... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	60.00 ug/L	658347	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 95
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 93
3		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 60
4		1-Methyl-2-methylenecyclohexane	110 C8H14	002808-75-5 55
5		Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6 52



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

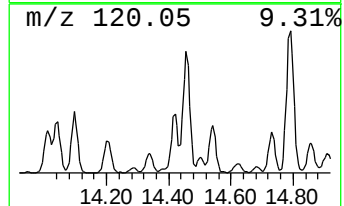
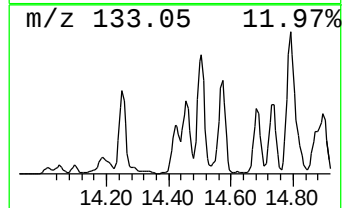
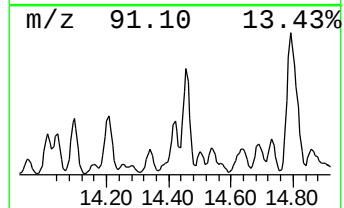
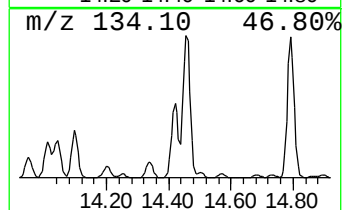
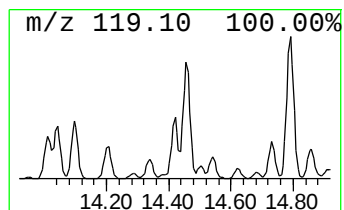
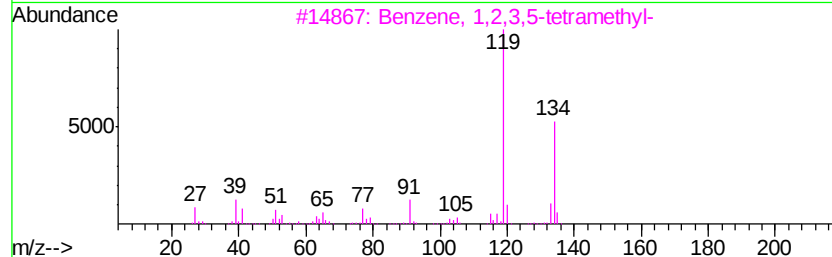
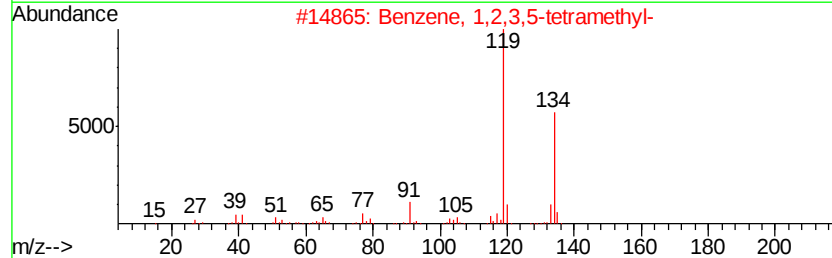
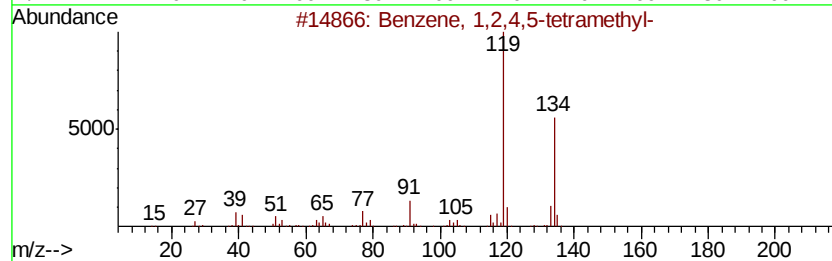
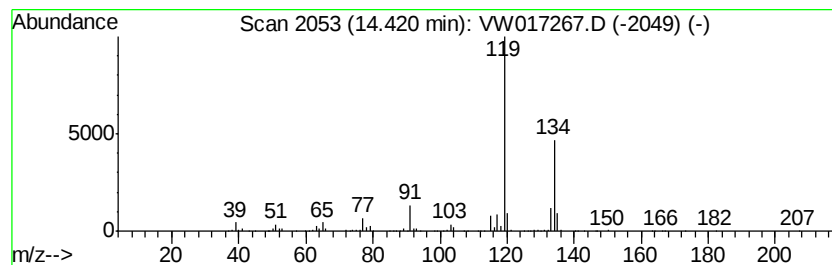
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	194.32 ug/L	2132220	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	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

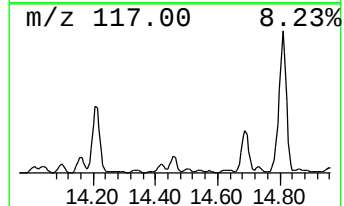
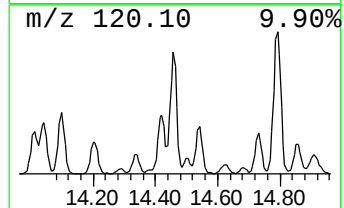
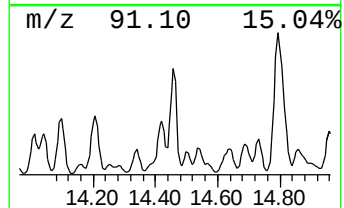
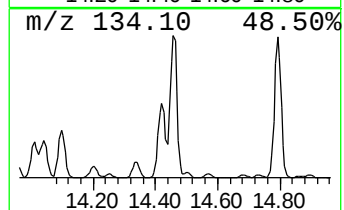
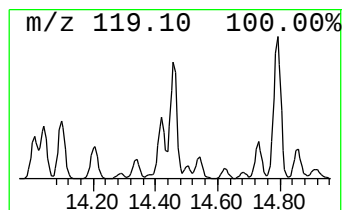
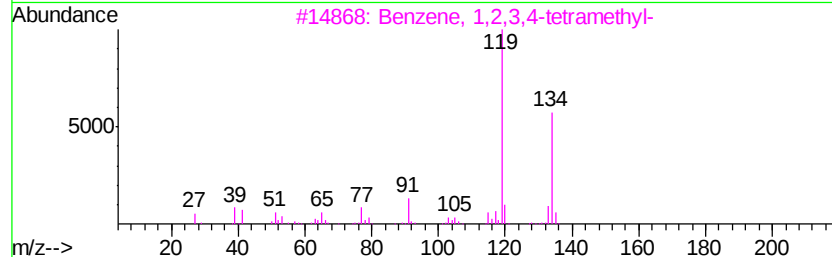
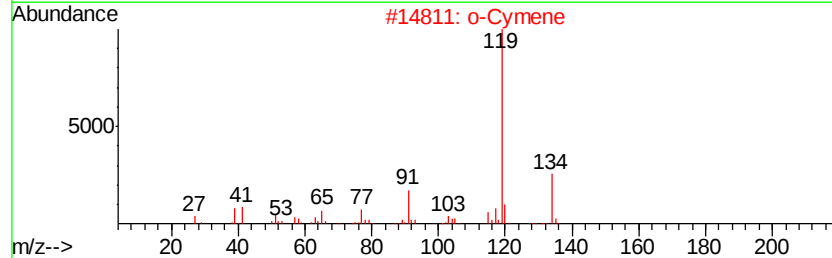
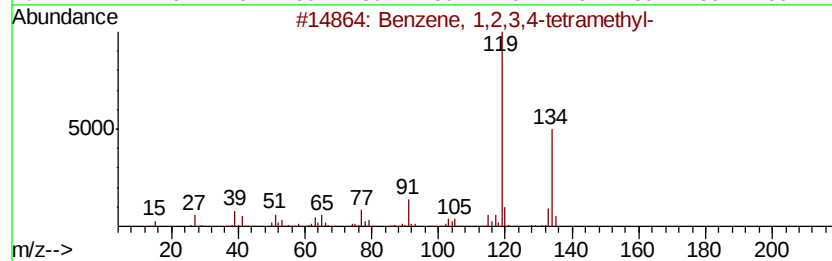
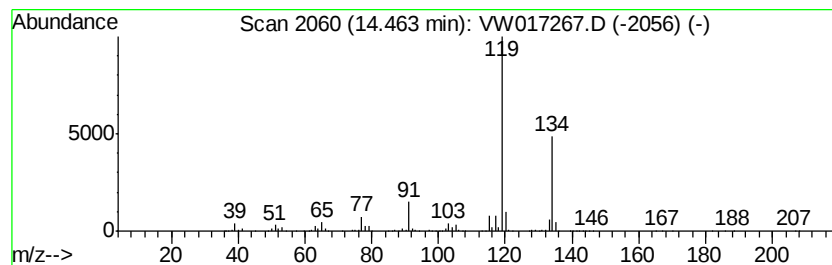
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Quant Title : VOC Analysis

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

Peak Number 30 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	321.45 ug/L	3527140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2		o-Cymene	134	C10H14	000527-84-4	95
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

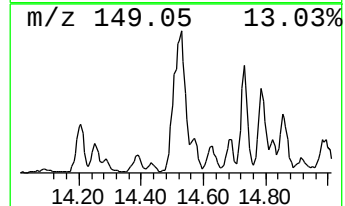
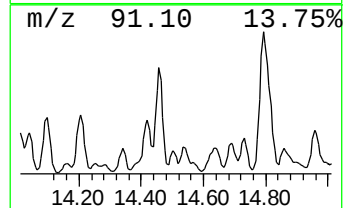
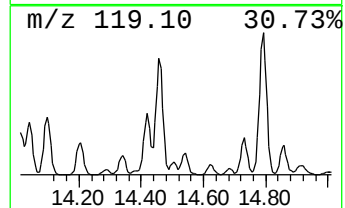
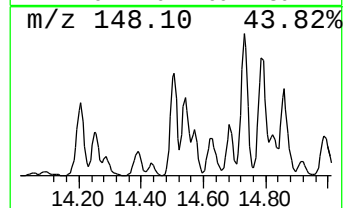
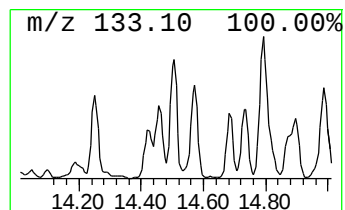
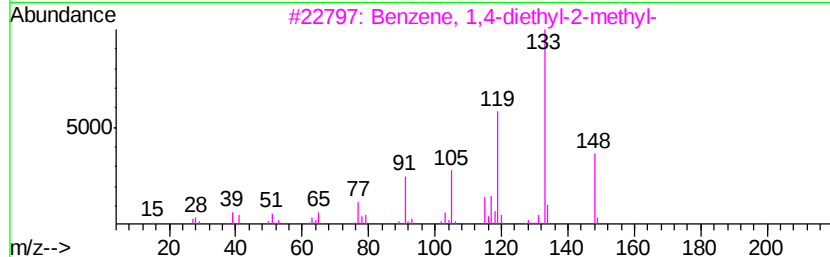
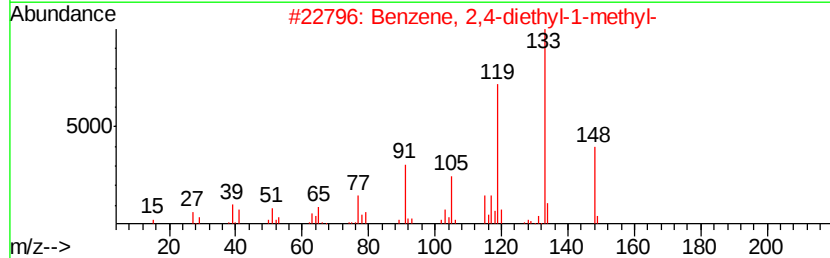
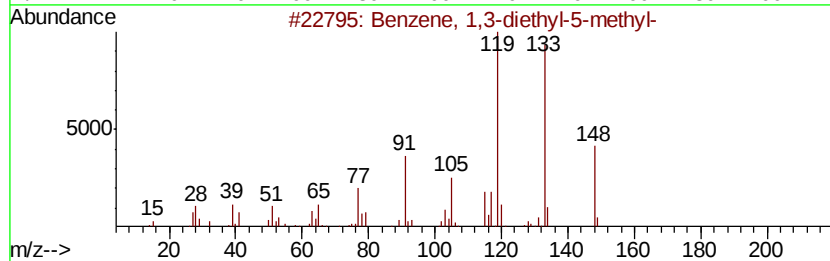
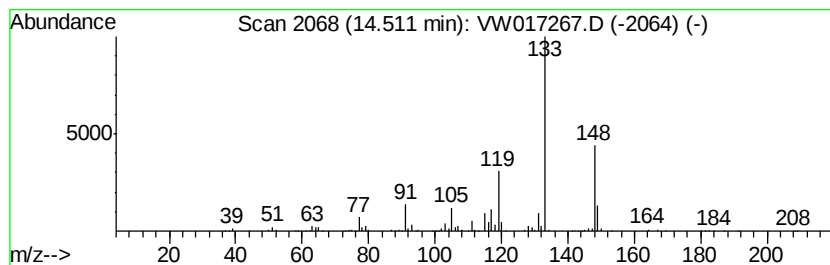
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Quant Title : VOC Analysis

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

Peak Number 31 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	56.98 ug/L	625185	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	94
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	91
4		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

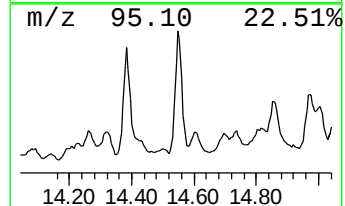
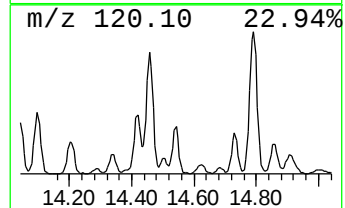
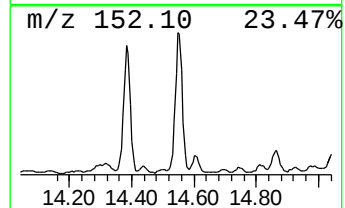
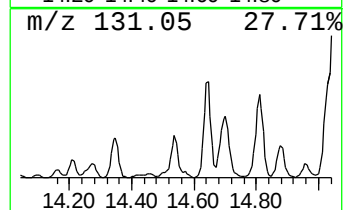
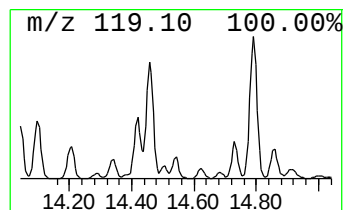
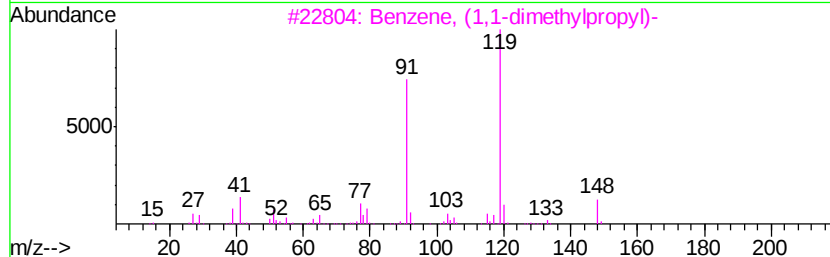
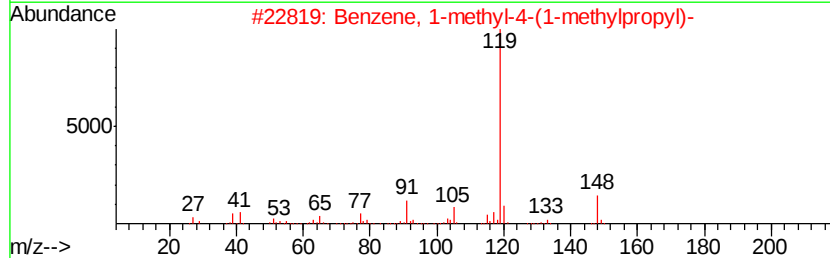
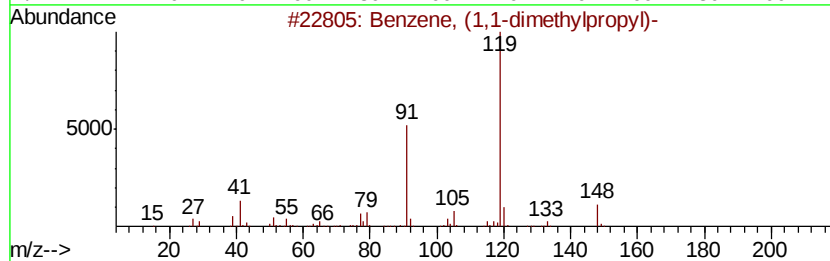
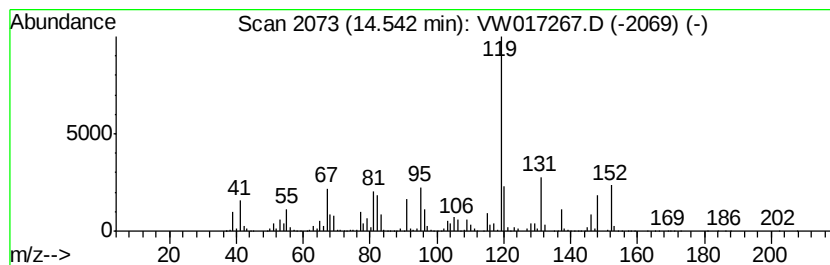
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Quant Title : VOC Analysis

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

Peak Number 32 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	145.34 ug/L	1594800	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
2		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
4		3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	35
5		Cyclohexanol, 5-methyl-2-(1-meth...	232	C16H24O	134256-18-1	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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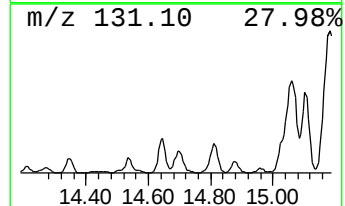
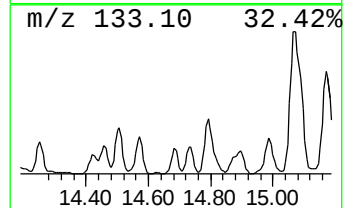
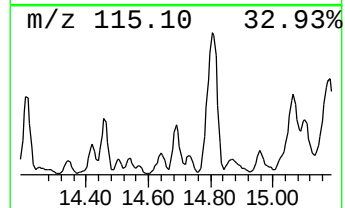
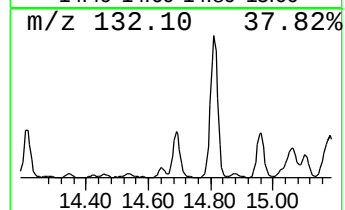
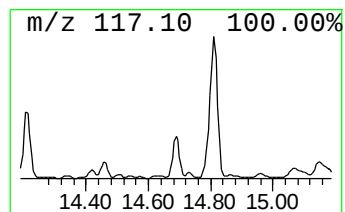
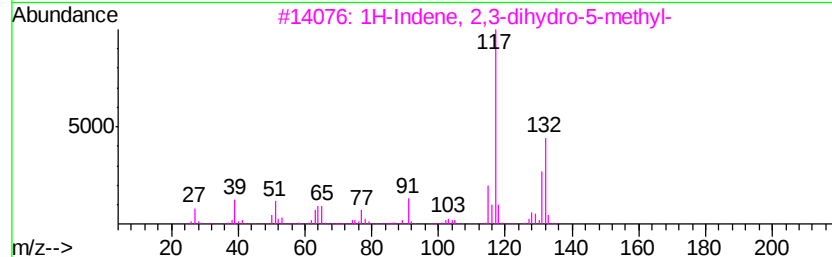
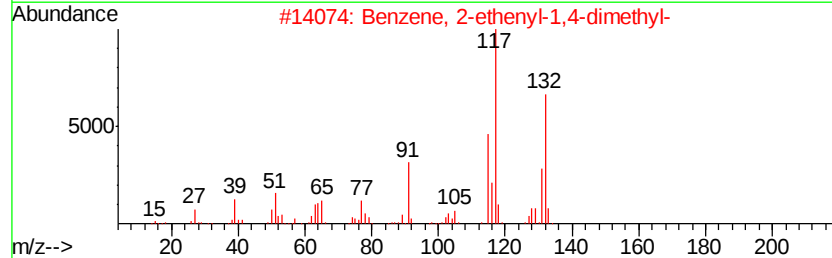
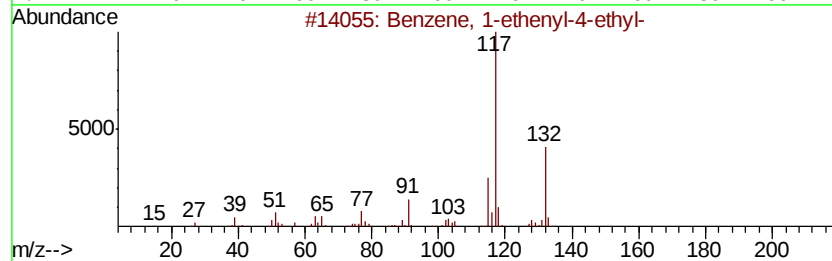
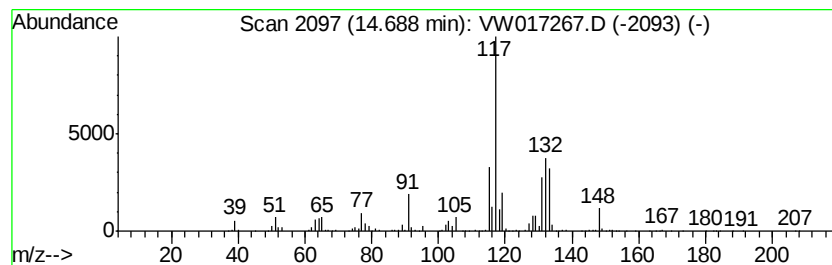
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Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	102.51 ug/L	1124790	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

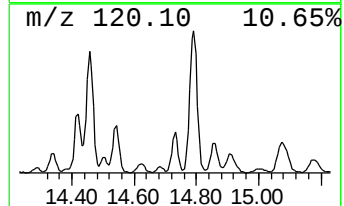
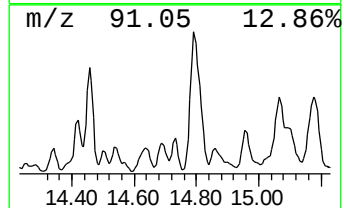
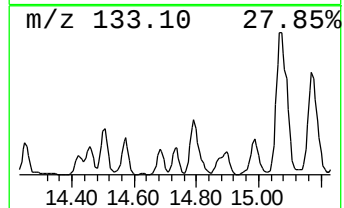
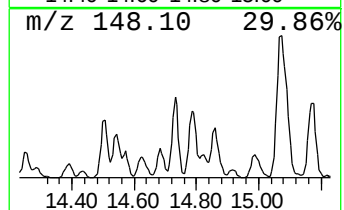
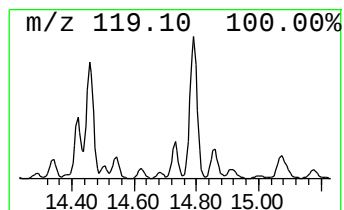
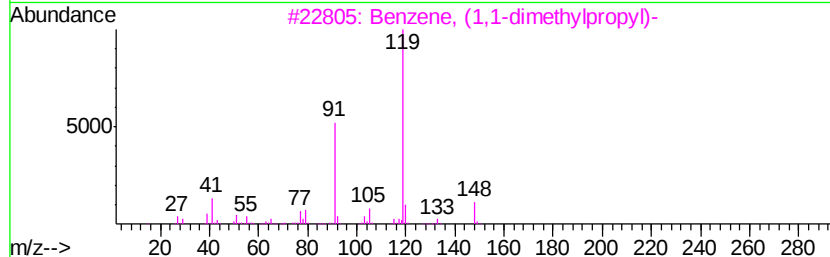
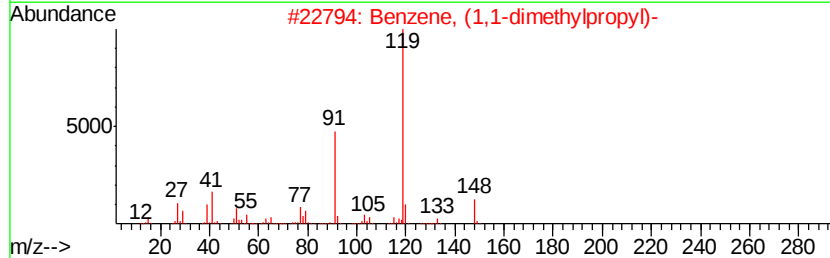
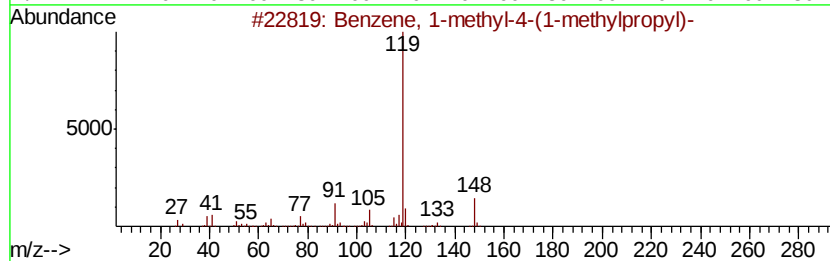
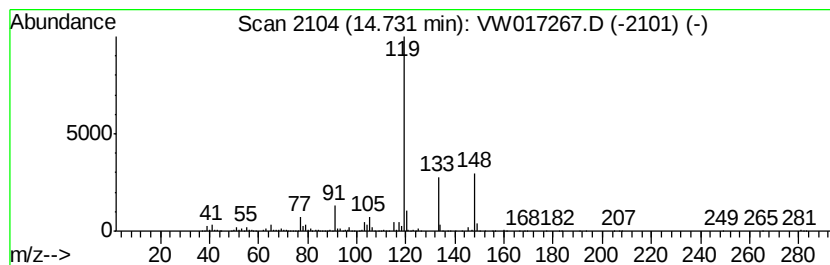
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1-methyl-4-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	97.41 ug/L	1068820	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	87
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

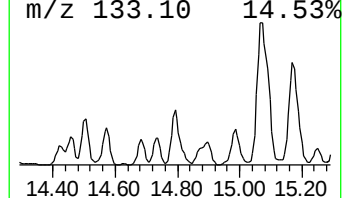
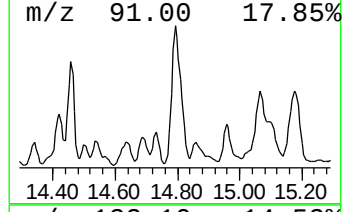
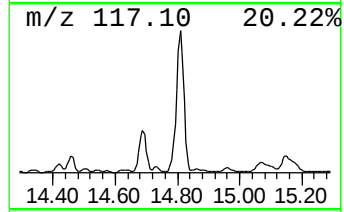
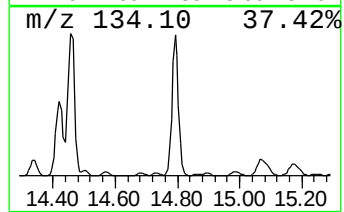
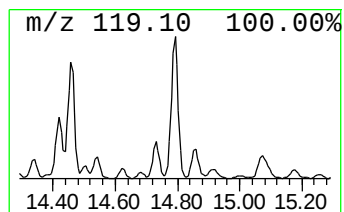
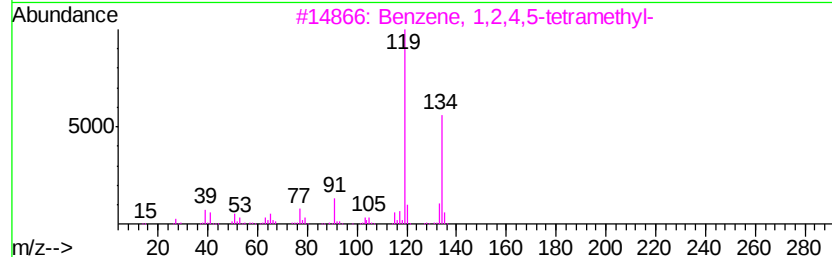
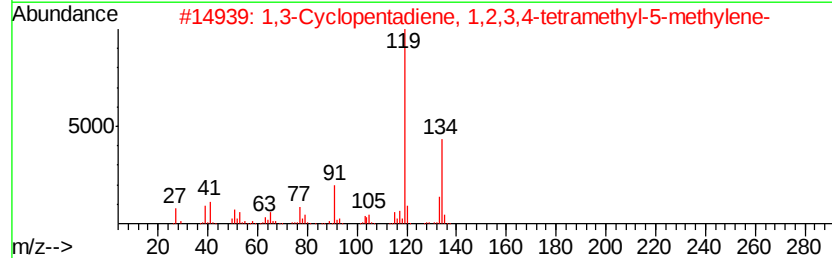
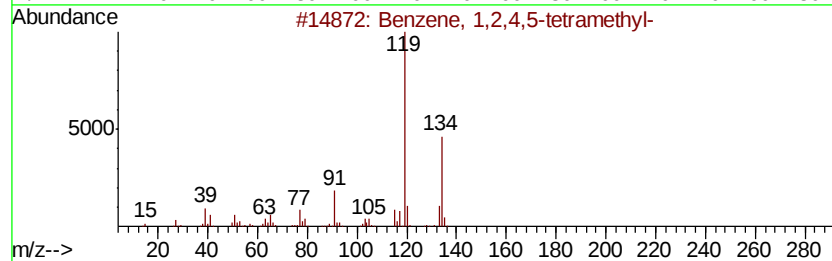
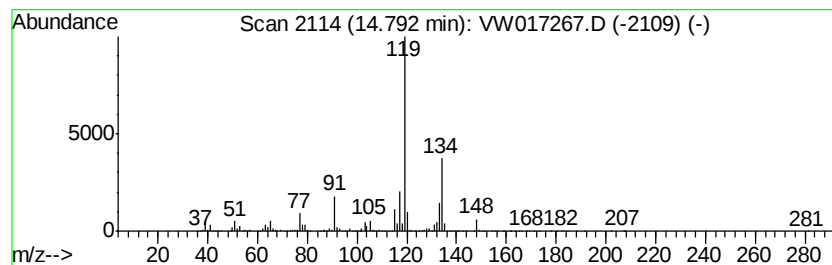
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Quant Title : VOC Analysis

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

Peak Number 35 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	714.56 ug/L	7840560	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	94
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
4		p-Cymene	134	C10H14	000099-87-6	87
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

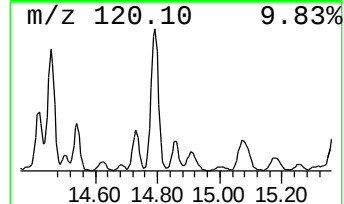
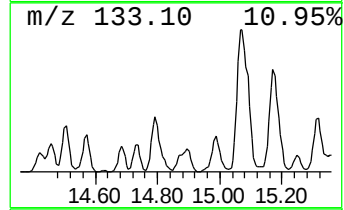
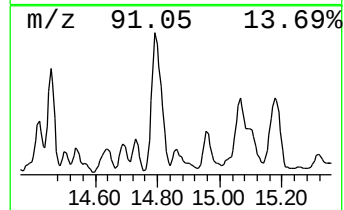
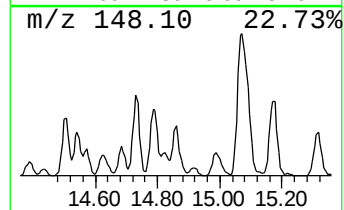
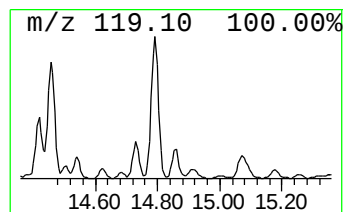
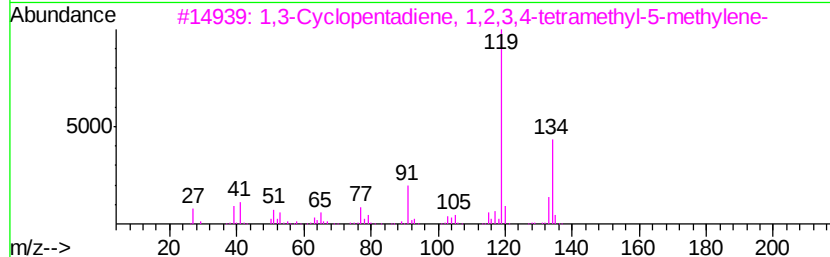
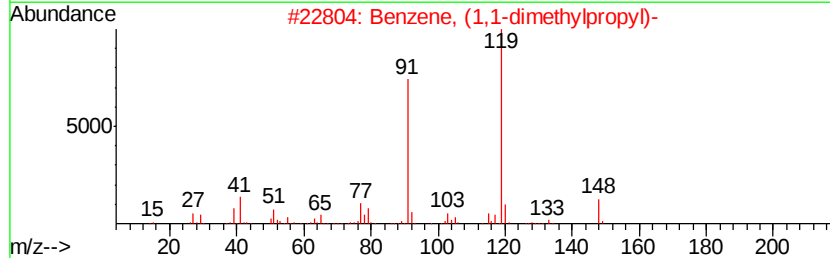
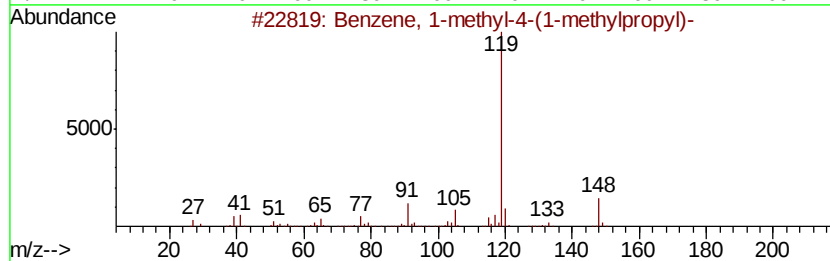
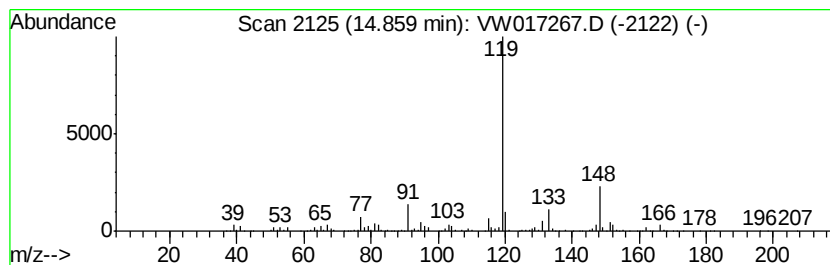
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Quant Title : VOC Analysis

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

Peak Number 36 Benzene, (1,1-dimethylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	103.57 ug/L	1136420	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	74
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	59
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	59
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

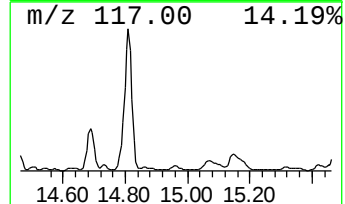
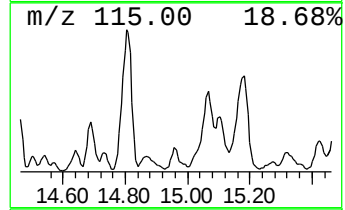
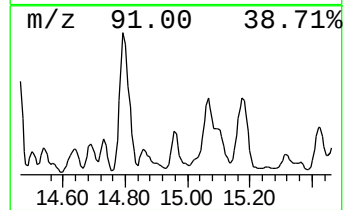
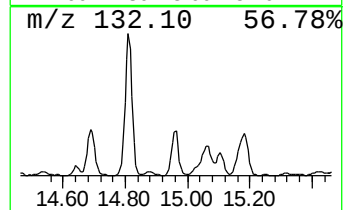
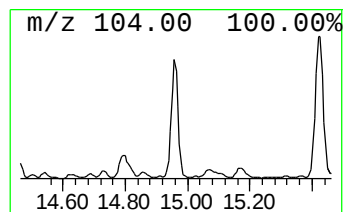
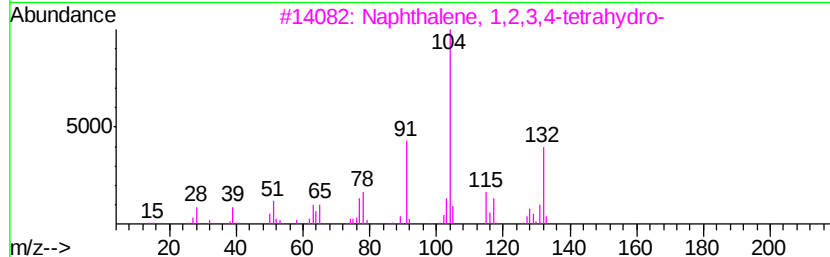
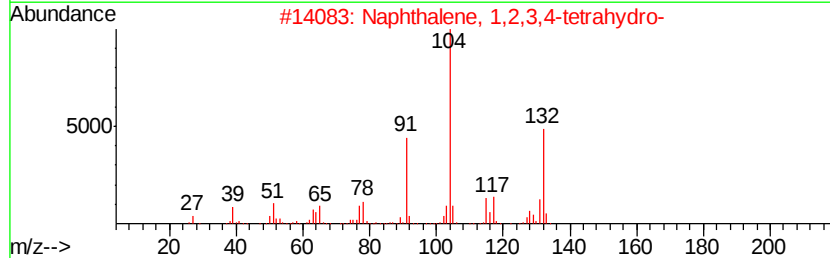
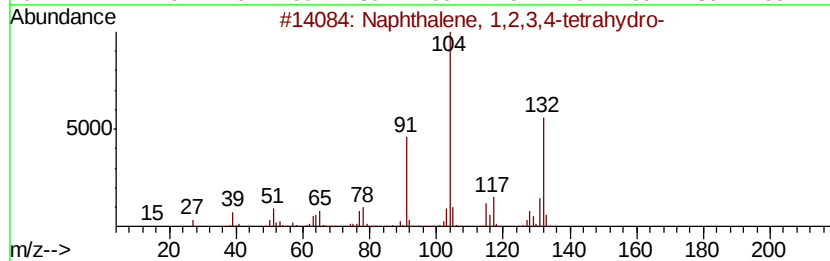
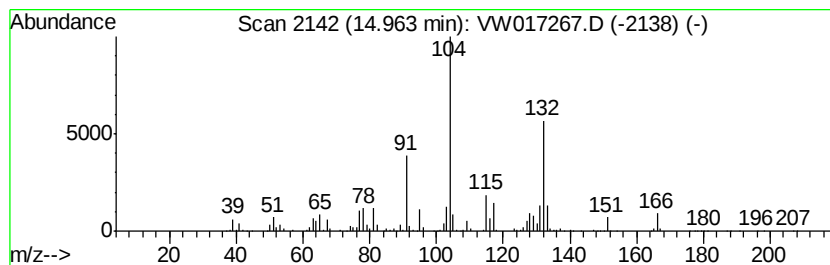
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Quant Title : VOC Analysis

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

Peak Number 37 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	91.73 ug/L	1006510	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	93
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5		Indan, epoxide	132	C9H8O	000768-22-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111620\
Data File : VW017267.D
Acq On : 16 Nov 2020 19:14
Operator : SY/VA
Sample : L4727-08RE
Misc : 4.44G/10ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AC2RE

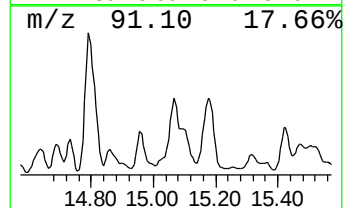
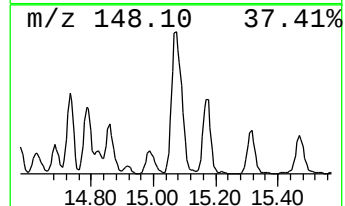
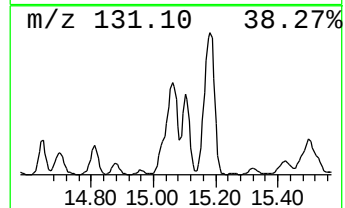
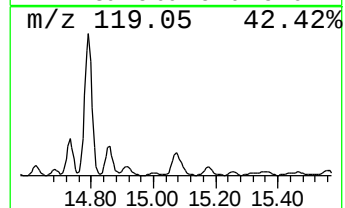
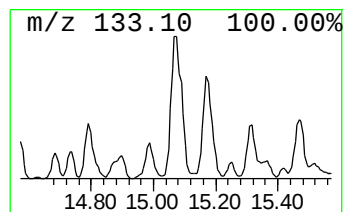
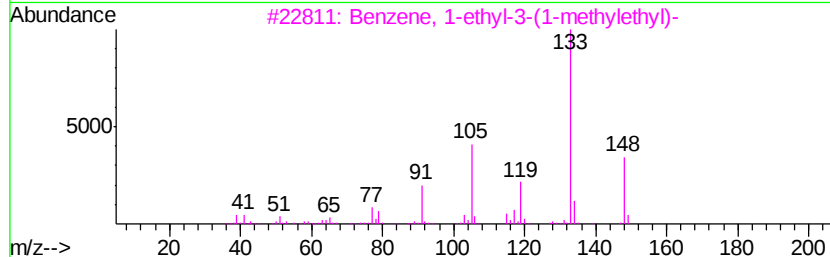
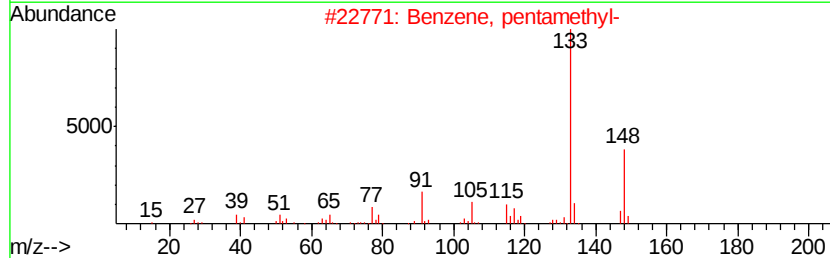
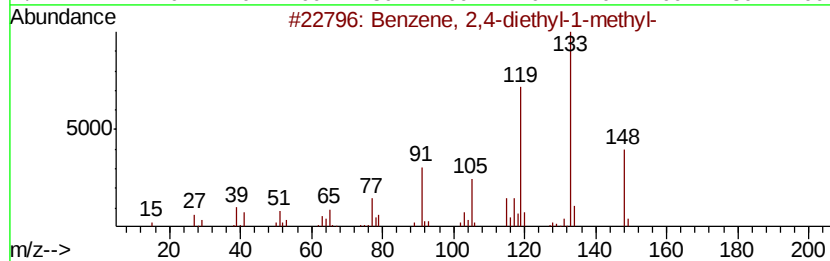
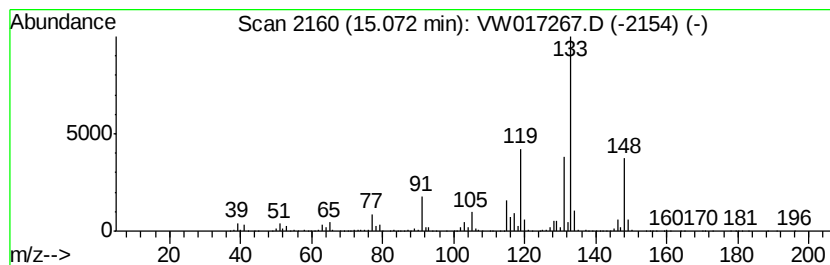
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Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	314.17 ug/L	3447230	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	55
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	53
3		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	53
5		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111620\
 Data File : VW017267.D
 Acq On : 16 Nov 2020 19:14
 Operator : SY/VA
 Sample : L4727-08RE
 Misc : 4.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC2RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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
Isocytosine	11.23	3.3	ug/L	89671	2	11.63	677558	25.0
(DEL) Alkane: Cyc...	11.34	1.4	ug/L	37281	2	11.63	677558	25.0
(DEL) Alkane: Cyc...	11.44	5.5	ug/L	149331	2	11.63	677558	25.0
(DEL) Alkane: Str...	11.98	2.0	ug/L	55588	2	11.63	677558	25.0
Cyclohexane, (1-m...	12.04	1.4	ug/L	39119	2	11.63	677558	25.0
(DEL) Alkane: Str...	12.36	19.8	ug/L	535771	2	11.63	677558	25.0
(DEL) Alkane: Cyc...	12.78	43.3	ug/L	475202	3	13.56	274313	25.0
trans-4-Methylcyc...	12.87	16.6	ug/L	182090	3	13.56	274313	25.0
Benzene, 1,2,3-tr...	12.94	152.1	ug/L	1669310	3	13.56	274313	25.0
Benzene, 1-ethyl-...	13.10	82.3	ug/L	902495	3	13.56	274313	25.0
Benzene, 1,2,4-tr...	13.25	56.6	ug/L	620552	3	13.56	274313	25.0
Benzene, (1-methy...	13.38	16.5	ug/L	181273	3	13.56	274313	25.0
Benzene, 1-methyl...	13.44	37.8	ug/L	414341	3	13.56	274313	25.0
(DEL) Alkane: Str...	13.70	20.6	ug/L	225728	3	13.56	274313	25.0
Benzene, 1-etheny...	13.76	79.0	ug/L	866503	3	13.56	274313	25.0
Benzene, 2-ethyl-...	13.79	146.3	ug/L	1605320	3	13.56	274313	25.0
Benzene, 1-methyl...	13.95	66.3	ug/L	727056	3	13.56	274313	25.0
Benzene, 2-ethyl-...	14.01	120.4	ug/L	1320830	3	13.56	274313	25.0
Benzene, 4-ethyl-...	14.10	173.1	ug/L	1899730	3	13.56	274313	25.0
Benzene, (2-methy...	14.16	32.2	ug/L	353171	3	13.56	274313	25.0
Benzene, 1-methyl...	14.21	208.3	ug/L	2285560	3	13.56	274313	25.0
Benzene, 1,3-dime...	14.26	62.6	ug/L	687097	3	13.56	274313	25.0
o-Cymene	14.34	66.2	ug/L	726127	3	13.56	274313	25.0
Naphthalene, deca...	14.38	60.0	ug/L	658347	3	13.56	274313	25.0
Benzene, 1,2,4,5-...	14.42	194.3	ug/L	2132220	3	13.56	274313	25.0
Benzene, 1,2,3,4-...	14.46	321.4	ug/L	3527140	3	13.56	274313	25.0
Benzene, 1,3-diet...	14.51	57.0	ug/L	625185	3	13.56	274313	25.0
unknown-01	14.54	145.3	ug/L	1594800	3	13.56	274313	25.0
Benzene, 1-etheny...	14.69	102.5	ug/L	1124790	3	13.56	274313	25.0
Benzene, 1-methyl...	14.73	97.4	ug/L	1068820	3	13.56	274313	25.0
1,3-Cyclopentadie...	14.79	714.6	ug/L	7840560	3	13.56	274313	25.0
Benzene, (1,1-dim...	14.86	103.6	ug/L	1136420	3	13.56	274313	25.0
Naphthalene, 1,2,...	14.96	91.7	ug/L	1006510	3	13.56	274313	25.0
Benzene, 2,4-diet...	15.07	314.2	ug/L	3447230	3	13.56	274313	25.0