

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017148.D
 Acq On : 10 Nov 2020 18:21
 Operator : SY/VA
 Sample : L4693-03
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D3

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	42	rBV2	1171	1407	0.10%	0.010%
2	2.355	68	74	87	rVB	113633	216190	15.68%	1.554%
3	2.891	155	162	178	rVB	76564	192049	13.93%	1.381%
4	3.385	238	243	245	rBV3	734	1122	0.08%	0.008%
5	3.403	245	246	249	rVB2	915	672	0.05%	0.005%
6	3.428	249	250	253	rBV2	319	384	0.03%	0.003%
7	3.678	289	291	293	rBV2	374	383	0.03%	0.003%
8	4.019	335	347	361	rBV	176913	522159	37.88%	3.754%
9	4.214	377	379	382	rVB2	307	378	0.03%	0.003%
10	4.409	401	411	412	rBV3	1045	1899	0.14%	0.014%
11	4.434	413	415	416	rBV2	551	423	0.03%	0.003%
12	4.495	424	425	430	rVB2	471	443	0.03%	0.003%
13	4.684	455	456	462	rVB3	287	345	0.03%	0.002%
14	4.921	484	495	511	rBV2	19588	63876	4.63%	0.459%
15	5.104	523	525	526	rBV	468	367	0.03%	0.003%
16	5.763	629	633	638	rBV3	273	566	0.04%	0.004%
17	5.952	656	664	674	rBV5	2112	6264	0.45%	0.045%
18	7.086	841	850	853	rBV2	22765	55412	4.02%	0.398%
19	7.141	856	859	878	rVB2	39759	104859	7.61%	0.754%
20	7.653	931	943	958	rBV	240102	584558	42.41%	4.203%
21	7.762	958	961	962	rVV2	324	349	0.03%	0.003%
22	7.805	966	968	970	rVB2	527	377	0.03%	0.003%
23	7.903	979	984	986	rBV3	302	460	0.03%	0.003%
24	7.951	988	992	993	rBV3	796	944	0.07%	0.007%
25	8.037	1001	1006	1012	rBV6	986	2283	0.17%	0.016%
26	8.281	1032	1046	1065	rBV2	479427	1378366	100.00%	9.910%
27	8.482	1074	1079	1085	rVB5	895	2354	0.17%	0.017%
28	8.628	1097	1103	1106	rBV4	953	1180	0.09%	0.008%
29	8.695	1111	1114	1116	rBV3	666	920	0.07%	0.007%
30	8.762	1122	1125	1130	rBV4	370	511	0.04%	0.004%
31	8.848	1130	1139	1151	rBV	538468	1064520	77.23%	7.654%
32	9.091	1171	1179	1188	rBV7	4883	12382	0.90%	0.089%
33	9.213	1192	1199	1201	rBV3	407	820	0.06%	0.006%
34	9.280	1201	1210	1232	rVB	291173	596665	43.29%	4.290%

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35	9.469	1235	1241	1245	rBV4	611	1143	0.08%	0.008%
36	9.530	1248	1251	1252	rVB2	428	361	0.03%	0.003%
37	9.665	1269	1273	1274	rBV3	617	621	0.05%	0.004%
38	9.768	1283	1290	1295	rBV5	3134	7881	0.57%	0.057%
39	9.835	1297	1301	1305	rVV5	1547	3632	0.26%	0.026%
40	9.896	1305	1311	1316	rVB5	5299	11376	0.83%	0.082%
41	9.982	1324	1325	1327	rBV2	485	427	0.03%	0.003%
42	10.036	1327	1334	1344	rVV	149308	273593	19.85%	1.967%
43	10.146	1350	1352	1355	rVB3	638	550	0.04%	0.004%
44	10.213	1357	1363	1373	rBV2	8168	16781	1.22%	0.121%
45	10.329	1373	1382	1389	rBV	695938	1250577	90.73%	8.991%
46	10.390	1389	1392	1396	rVB	5793	8805	0.64%	0.063%
47	10.579	1417	1423	1438	rVB	90695	159917	11.60%	1.150%
48	10.707	1438	1444	1450	rBV	58076	101793	7.39%	0.732%
49	10.792	1450	1458	1460	rBV4	3259	6284	0.46%	0.045%
50	10.866	1465	1470	1474	rVB3	10969	18004	1.31%	0.129%
51	10.926	1474	1480	1490	rBV	93775	157837	11.45%	1.135%
52	11.067	1497	1503	1512	rBV	23090	41973	3.05%	0.302%
53	11.439	1556	1564	1570	rVB	33931	59619	4.33%	0.429%
54	11.493	1571	1573	1574	rBV2	671	533	0.04%	0.004%
55	11.518	1575	1577	1581	rBV3	928	1411	0.10%	0.010%
56	11.634	1588	1596	1606	rBV	742846	1218093	88.37%	8.758%
57	11.731	1609	1612	1614	rVB4	1173	1241	0.09%	0.009%
58	11.841	1621	1630	1640	rBV7	9642	24497	1.78%	0.176%
59	11.926	1640	1644	1647	rVB5	1343	2187	0.16%	0.016%
60	12.067	1664	1667	1670	rVB5	640	867	0.06%	0.006%
61	12.140	1670	1679	1680	rBV2	4514	7252	0.53%	0.052%
62	12.256	1693	1698	1702	rVB4	3072	5404	0.39%	0.039%
63	12.365	1702	1716	1718	rBV10	5455	17404	1.26%	0.125%
64	12.469	1728	1733	1737	rBV4	4363	6276	0.46%	0.045%
65	12.542	1743	1745	1747	rBV3	2177	1653	0.12%	0.012%
66	12.609	1750	1756	1761	rVB	108373	172023	12.48%	1.237%
67	12.652	1761	1763	1764	rBV	1852	1080	0.08%	0.008%
68	12.694	1764	1770	1778	rVB	199840	324326	23.53%	2.332%
69	12.786	1781	1785	1792	rVB6	6029	14121	1.02%	0.102%
70	12.865	1792	1798	1802	rBV	26251	47280	3.43%	0.340%
71	12.932	1802	1809	1816	rVB3	61315	119992	8.71%	0.863%

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72	13.042	1824	1827	1830	rBV5	2216	3155	0.23%	0.023%
73	13.103	1830	1837	1844	rVV	17822	45779	3.32%	0.329%
74	13.170	1844	1848	1855	rVB4	14936	29831	2.16%	0.214%
75	13.249	1856	1861	1865	rVV	52972	84650	6.14%	0.609%
76	13.298	1865	1869	1874	rVB2	22437	34499	2.50%	0.248%
77	13.383	1879	1883	1886	rBV3	9467	14707	1.07%	0.106%
78	13.444	1889	1893	1897	rBV2	20625	33318	2.42%	0.240%
79	13.560	1906	1912	1920	rBV	686488	1133065	82.20%	8.146%
80	13.755	1940	1944	1947	rBV2	43168	66023	4.79%	0.475%
81	13.792	1947	1950	1954	rVV2	36415	52608	3.82%	0.378%
82	13.859	1954	1961	1969	rVV2	546834	1086714	78.84%	7.813%
83	14.017	1983	1987	1988	rBV	24366	34536	2.51%	0.248%
84	14.206	2013	2018	2023	rBV2	62875	102319	7.42%	0.736%
85	14.389	2044	2048	2051	rBV3	48601	68280	4.95%	0.491%
86	14.456	2057	2059	2063	rVB	37127	41910	3.04%	0.301%
87	14.499	2063	2066	2070	rBV	45617	57934	4.20%	0.417%
88	14.548	2070	2074	2080	rVB4	40161	66498	4.82%	0.478%
89	14.603	2080	2083	2086	rBV4	19529	32443	2.35%	0.233%
90	14.688	2093	2097	2099	rBV2	50133	76508	5.55%	0.550%
91	14.725	2099	2103	2109	rVB3	166368	268432	19.47%	1.930%
92	14.810	2109	2117	2121	rBV4	117373	314997	22.85%	2.265%
93	14.962	2138	2142	2148	rVB	76495	119810	8.69%	0.861%
94	15.066	2155	2159	2162	rBV3	42686	63082	4.58%	0.454%
95	15.328	2197	2202	2207	rBV3	57470	113999	8.27%	0.820%
96	15.426	2213	2218	2222	rBV2	68794	124908	9.06%	0.898%
97	15.554	2235	2239	2248	rVB2	162060	280837	20.37%	2.019%
98	15.865	2286	2290	2299	rVB	161036	296114	21.48%	2.129%
99	16.377	2369	2374	2380	rVB	100991	187304	13.59%	1.347%
100	16.493	2389	2393	2399	rVB	101166	171852	12.47%	1.236%

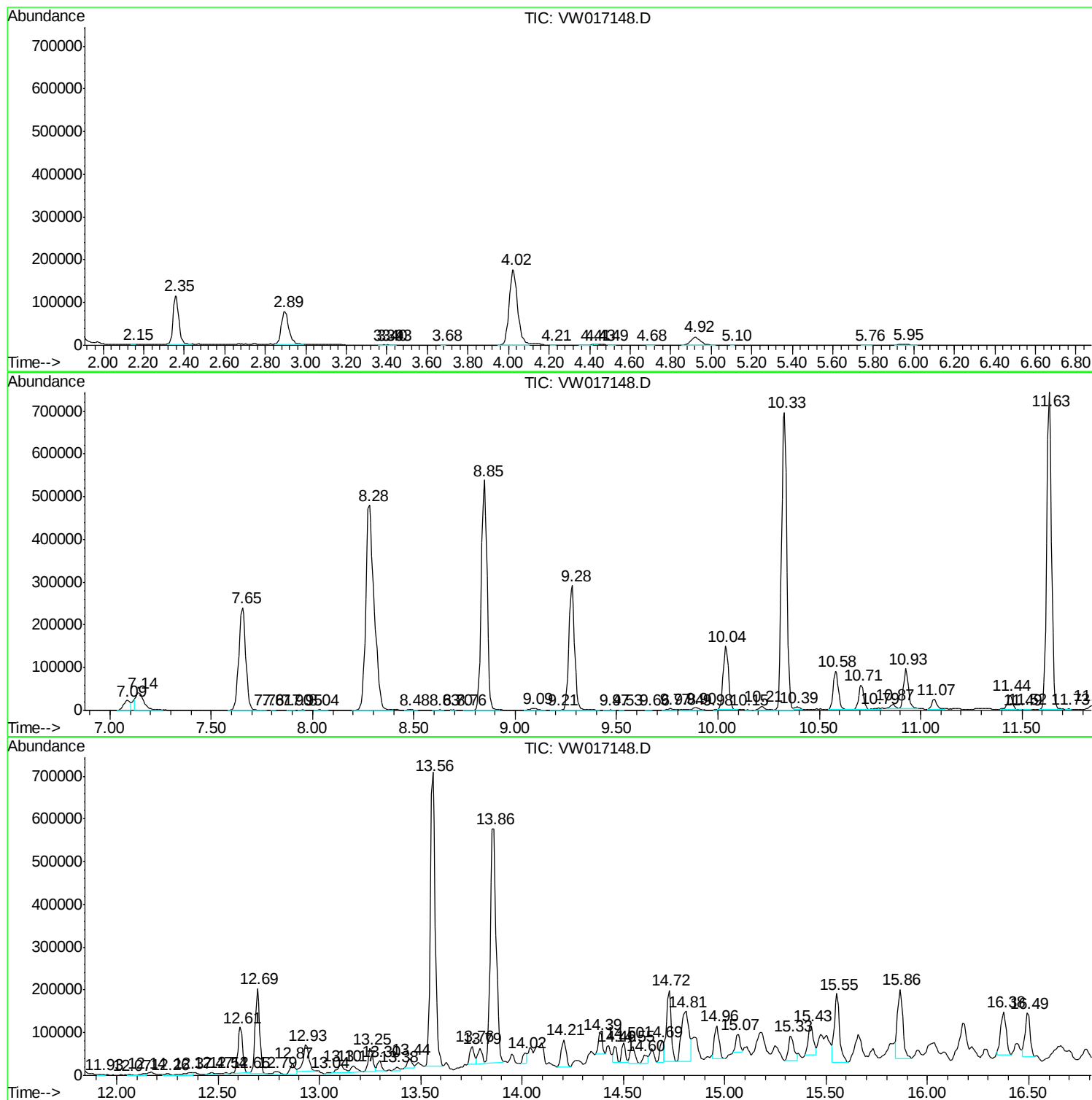
Sum of corrected areas: 13908813

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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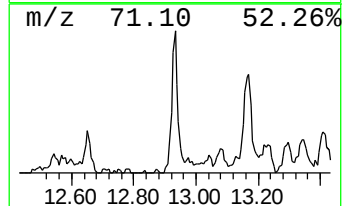
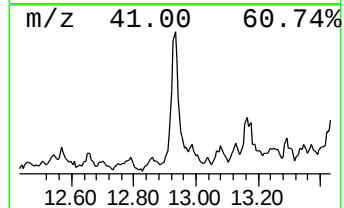
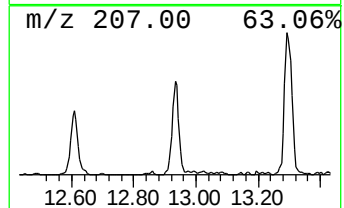
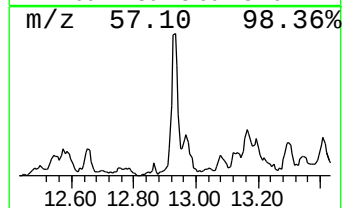
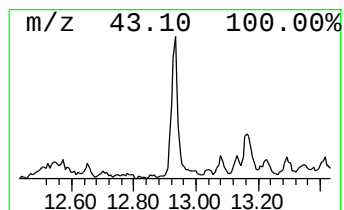
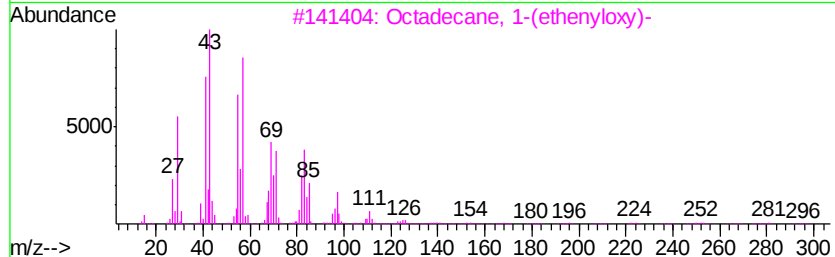
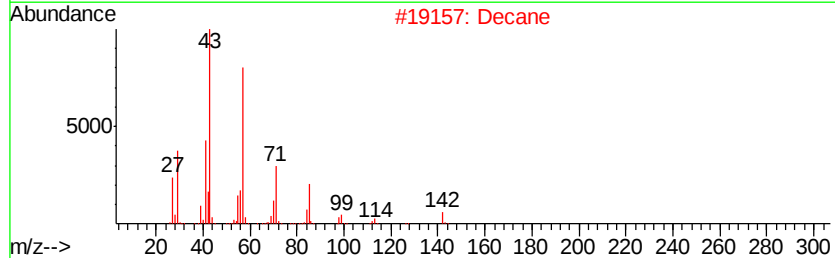
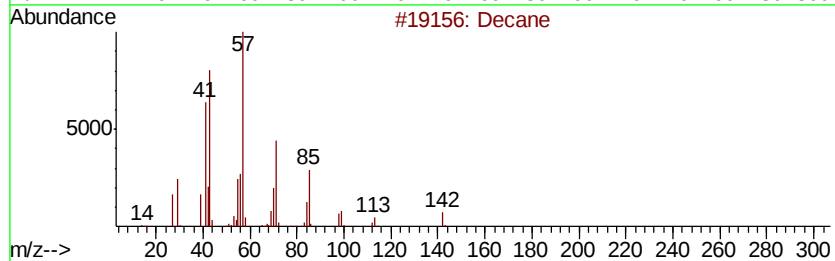
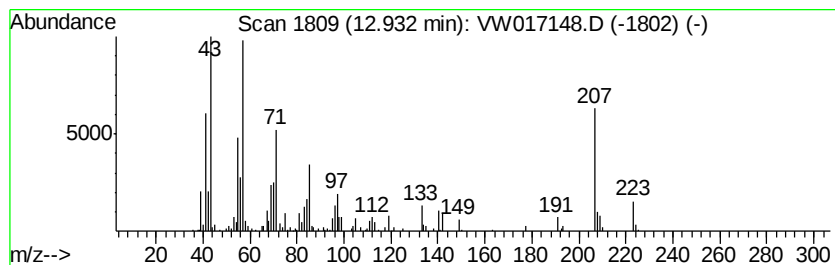
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.65 ug/L	119992	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	86
2	Decane		142	C10H22	000124-18-5	49
3	Octadecane, 1-(ethenvloxy)-		296	C20H40O	000930-02-9	35
4	Decane		142	C10H22	000124-18-5	30
5	Decane		142	C10H22	000124-18-5	25



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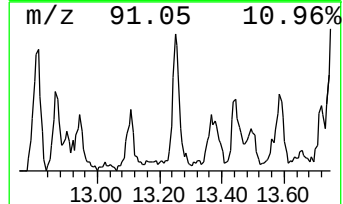
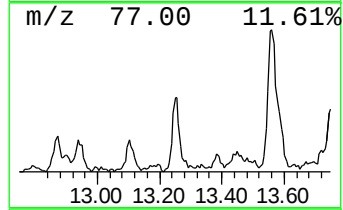
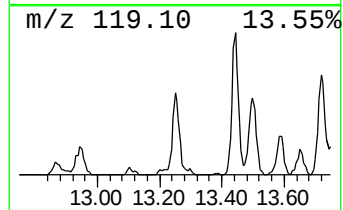
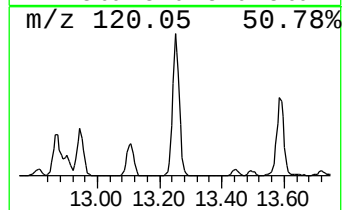
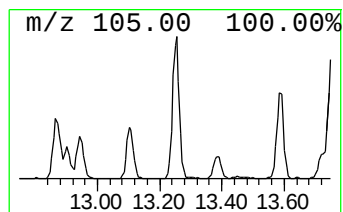
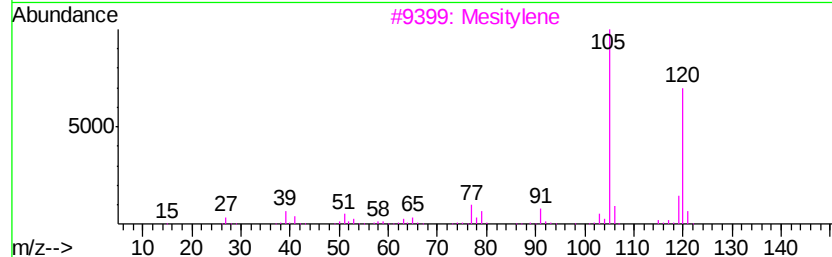
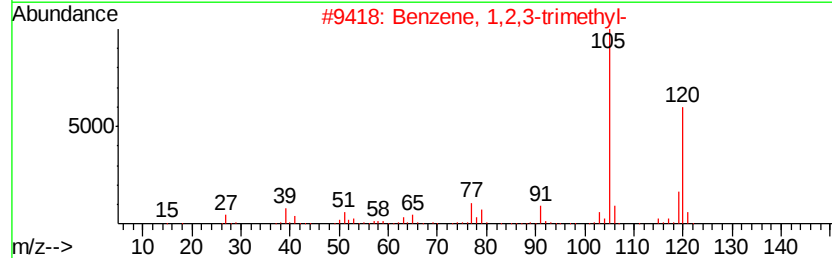
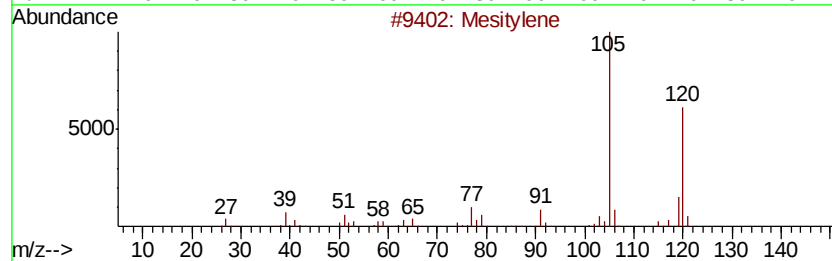
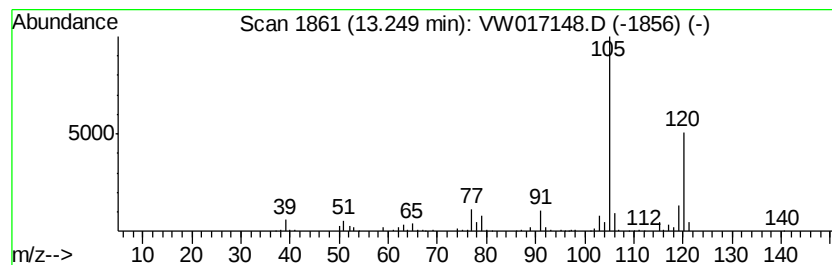
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	1.87 ug/L	84650	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	97
3	Mesitylene		120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91



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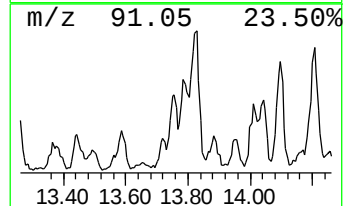
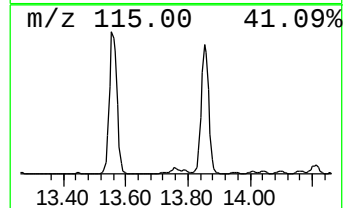
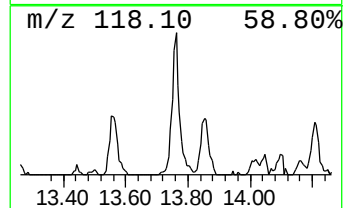
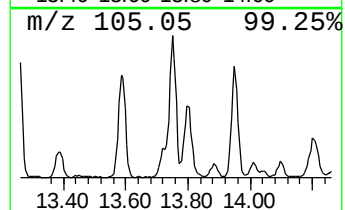
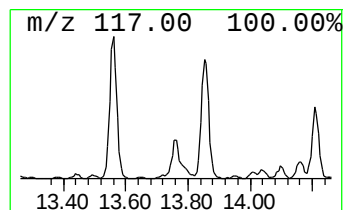
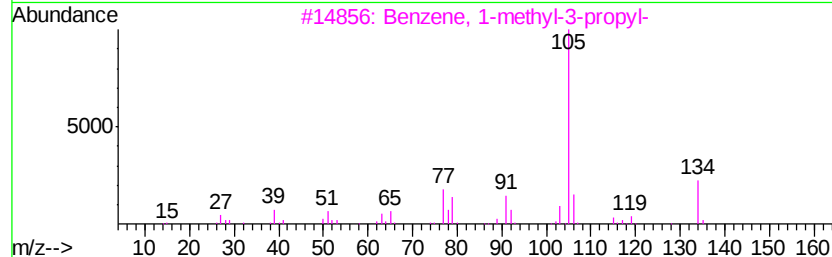
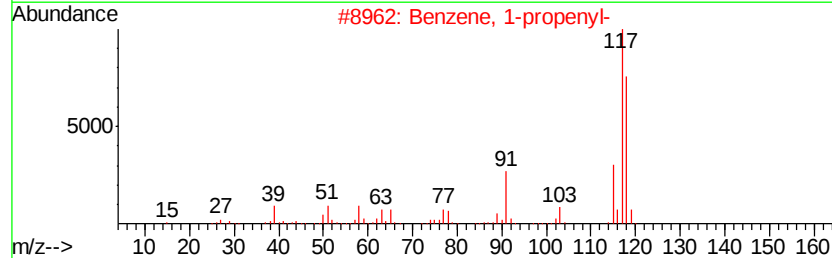
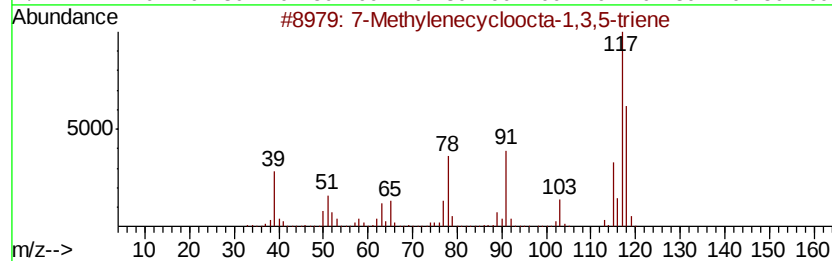
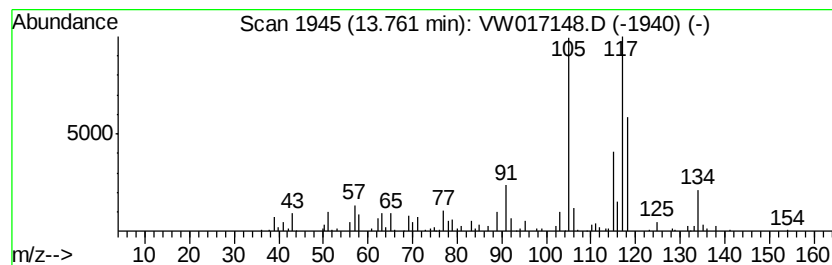
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Peak Number 7 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	1.46 ug/L	66023	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylenecycloocta-1,3,5-triene	118	C9H10		002570-13-0	45
2	Benzene, 1-propenyl-	118	C9H10		000637-50-3	43
3	Benzene, 1-methyl-3-propenyl-	134	C10H14		001074-43-7	42
4	Benzene, 2-propenyl-	118	C9H10		000300-57-2	41
5	Benzene, (1-methylpropyl)-	134	C10H14		000135-98-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4D3

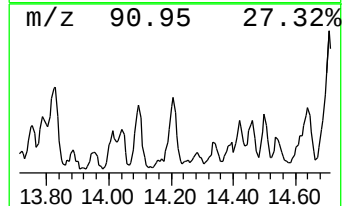
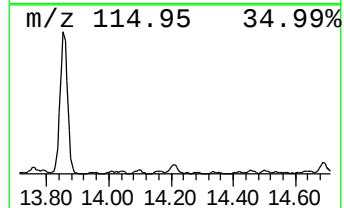
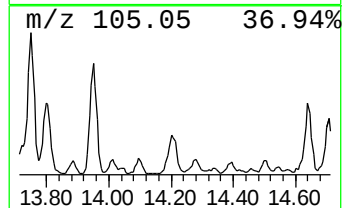
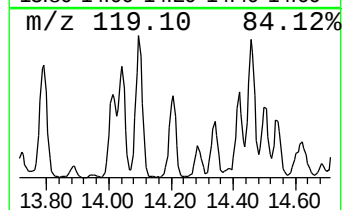
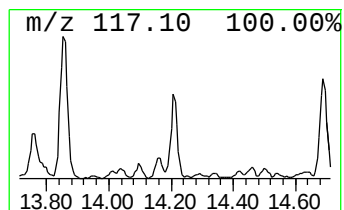
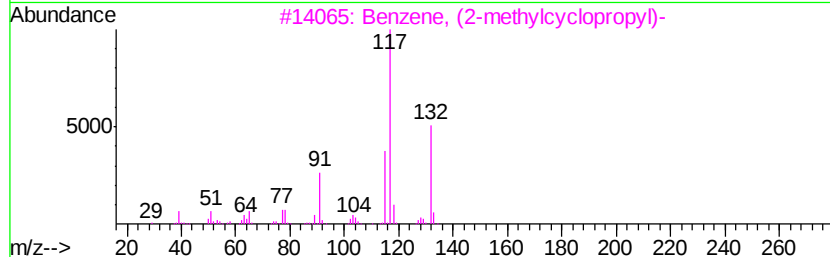
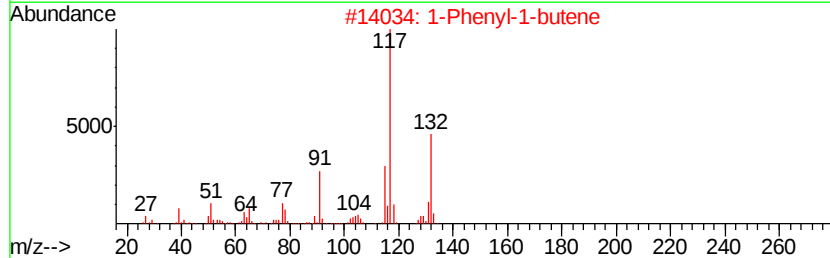
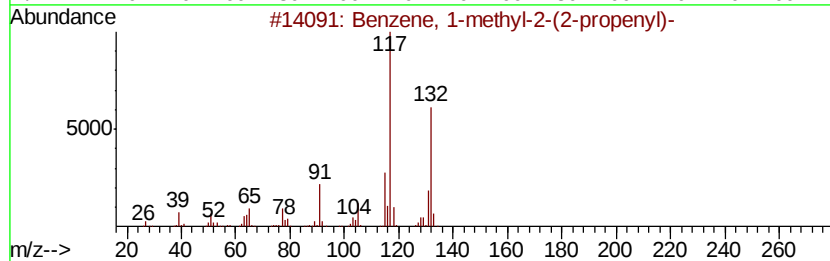
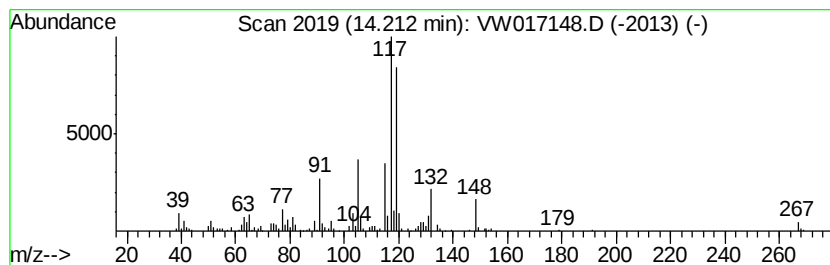
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.26 ug/L	102319	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	50
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	46
3		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	45
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4D3

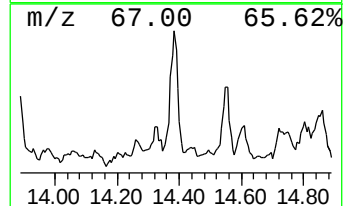
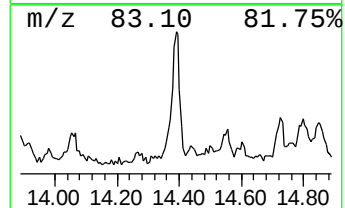
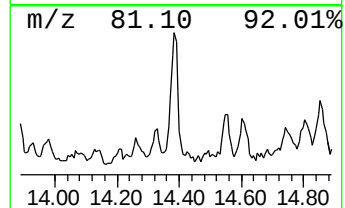
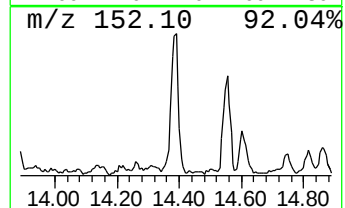
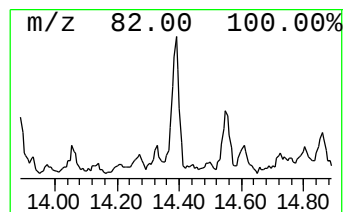
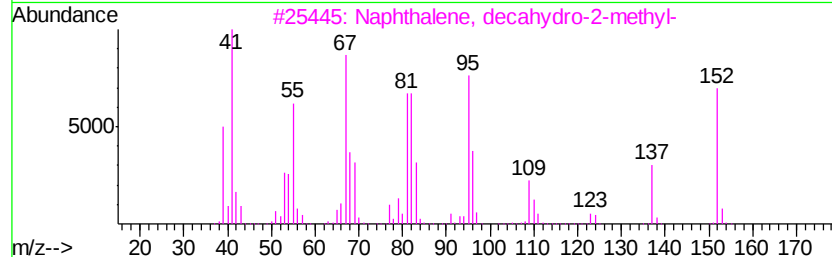
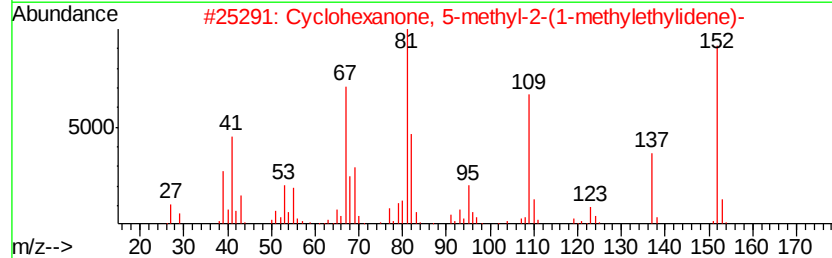
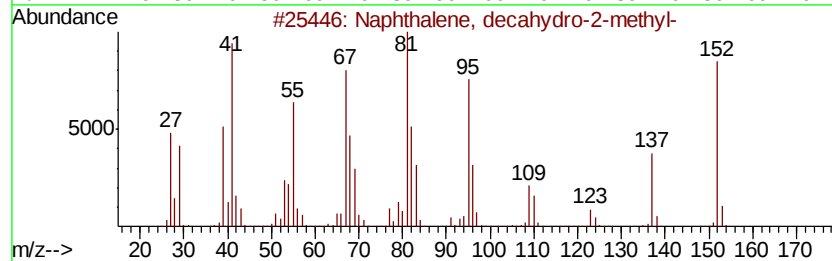
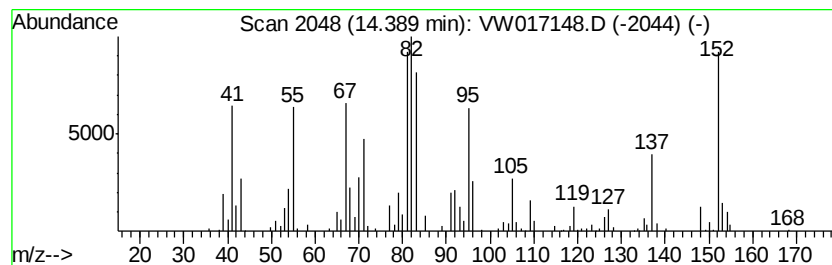
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	1.51 ug/L	68280	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	45
4		Pulegone	152	C10H16O	000089-82-7	43
5		Pulegone	152	C10H16O	000089-82-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4D3

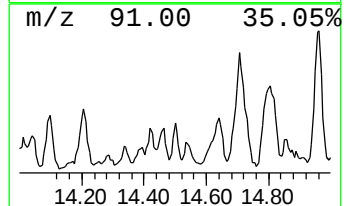
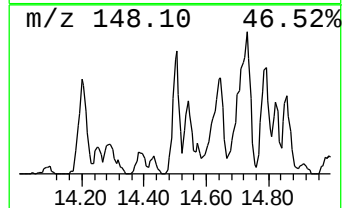
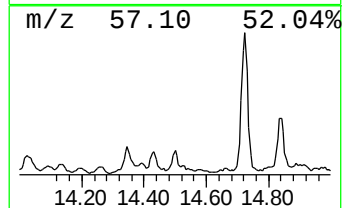
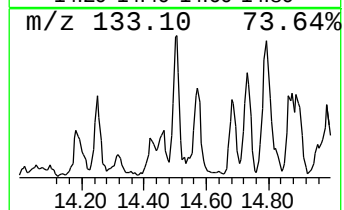
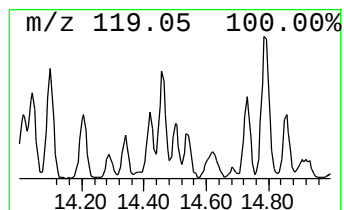
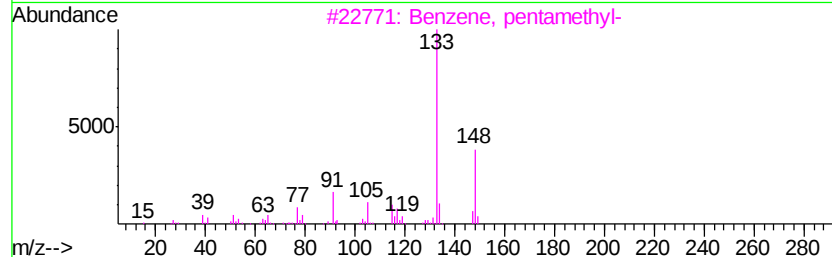
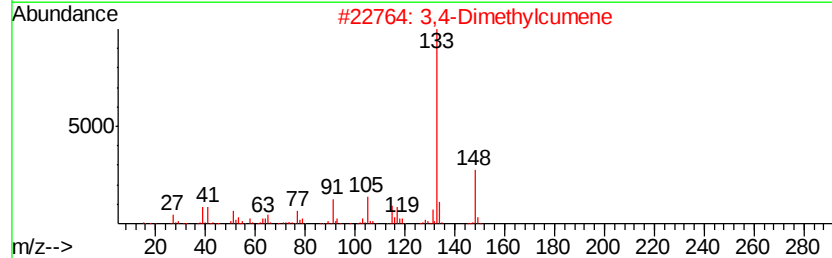
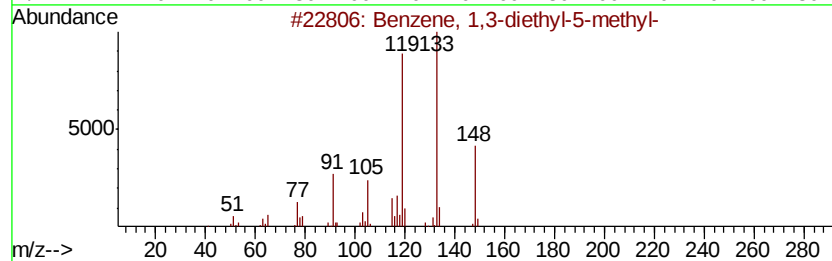
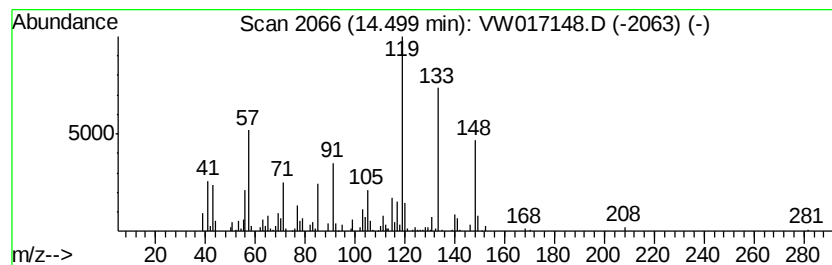
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	1.28 ug/L	57934	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	70
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	50
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	45
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	43
5		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4D3

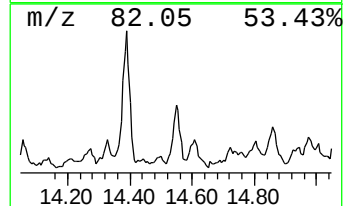
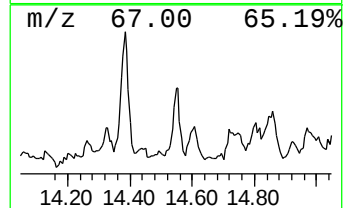
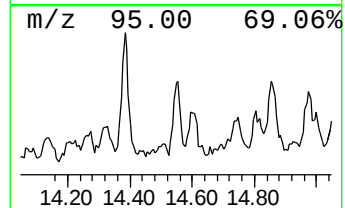
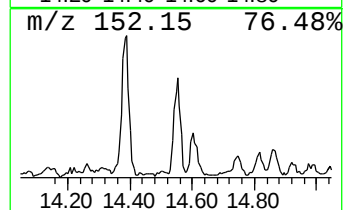
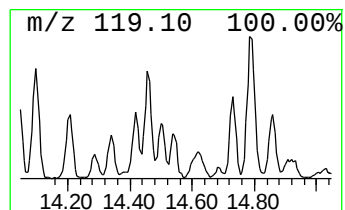
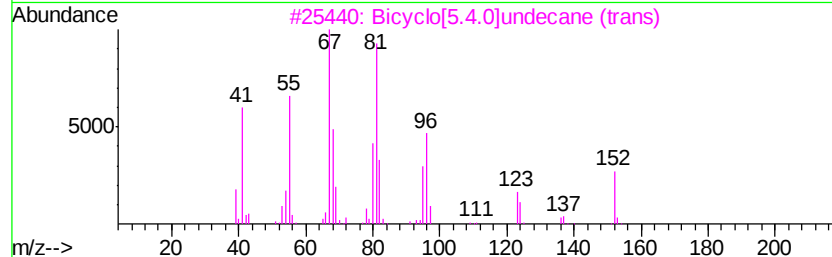
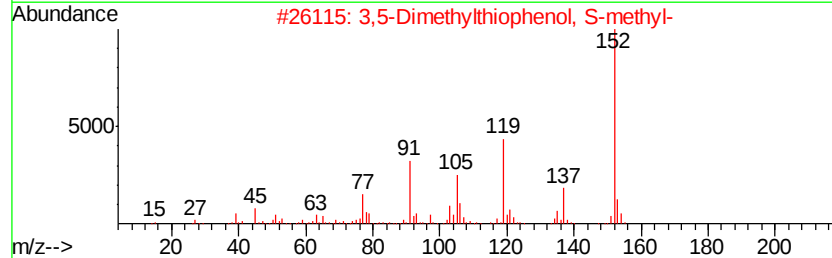
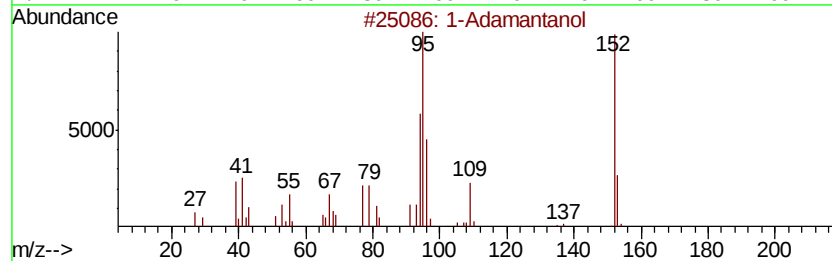
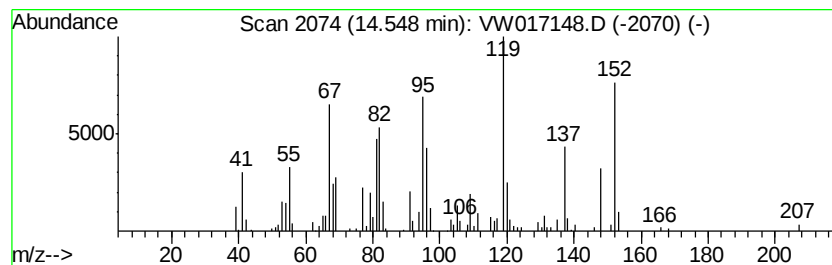
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Quant Title : VOC Analysis

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

Peak Number 11 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	1.47 ug/L	66498	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Adamantanol	152	C10H16O	000768-95-6	46
2			3,5-Dimethylthiophenol, S-methyl-	152	C9H12S	1000353-09-1	43
3			Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	38
4			Cyclododecene, (E)-	166	C12H22	001486-75-5	25
5			Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	18



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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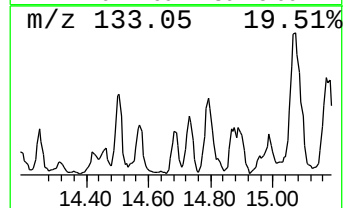
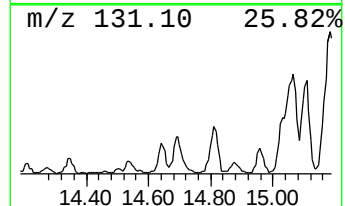
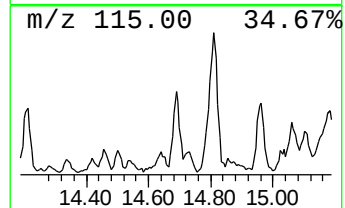
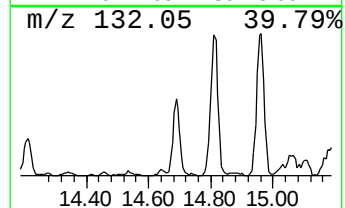
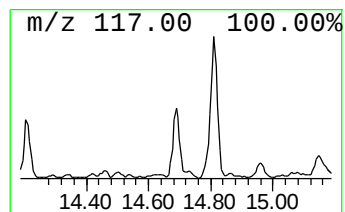
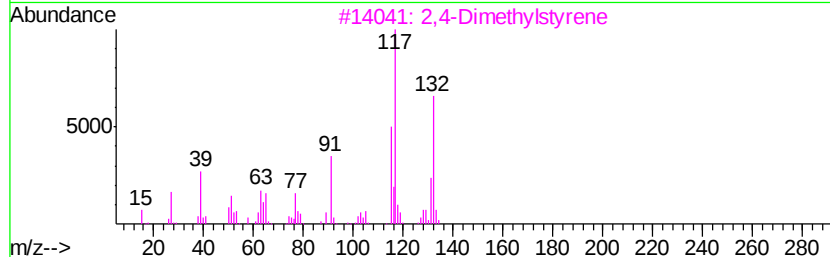
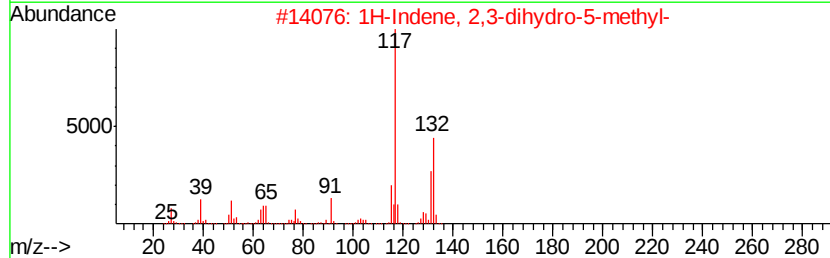
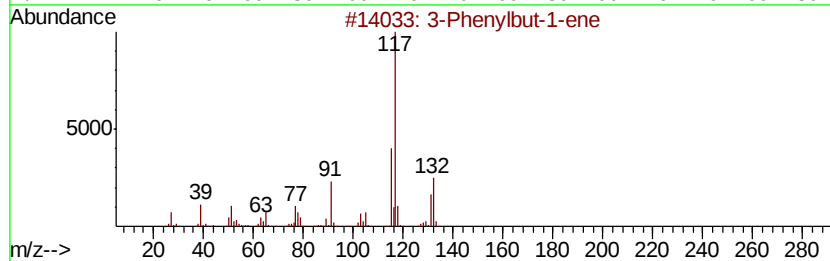
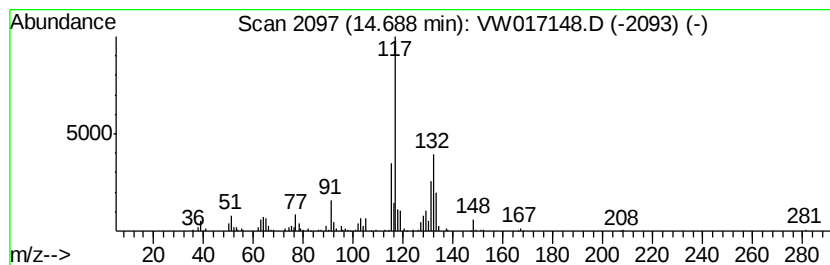
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Quant Title : VOC Analysis

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

Peak Number 12 3-Phenylbut-1-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	1.69 ug/L	76508	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	81
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76
5			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	74



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017148.D
 Acq On : 10 Nov 2020 18:21
 Operator : SY/VA
 Sample : L4693-03
 Misc : 5.19G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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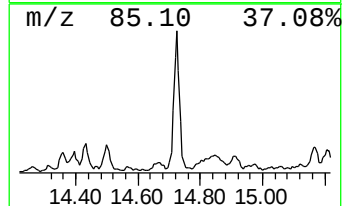
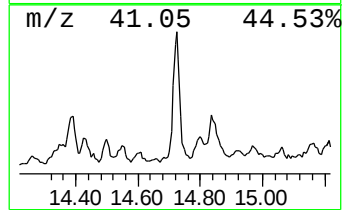
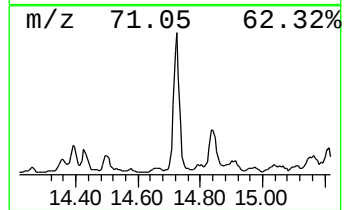
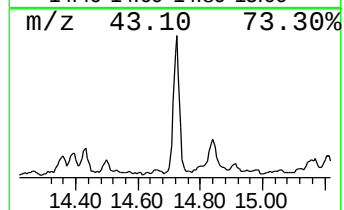
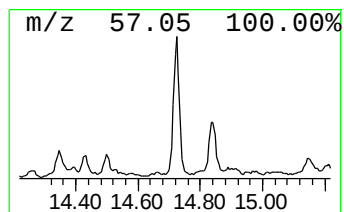
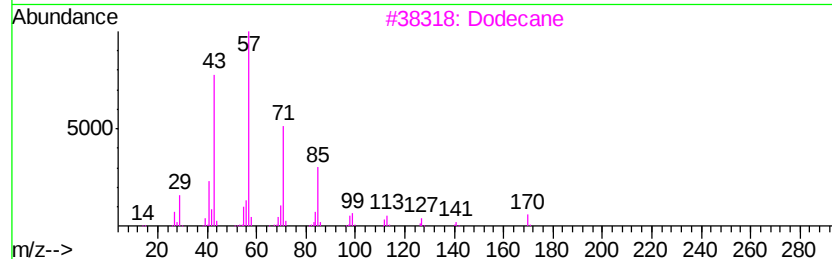
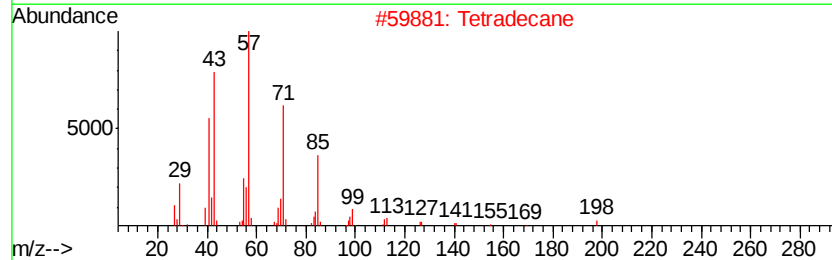
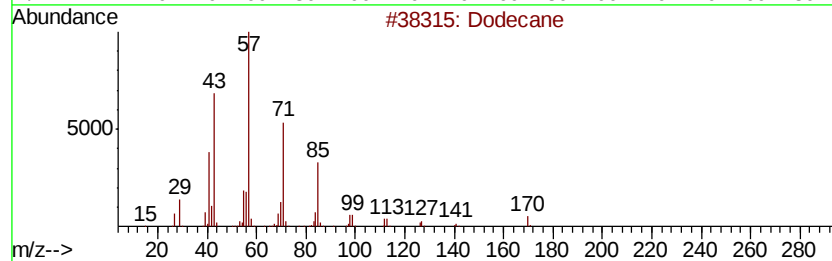
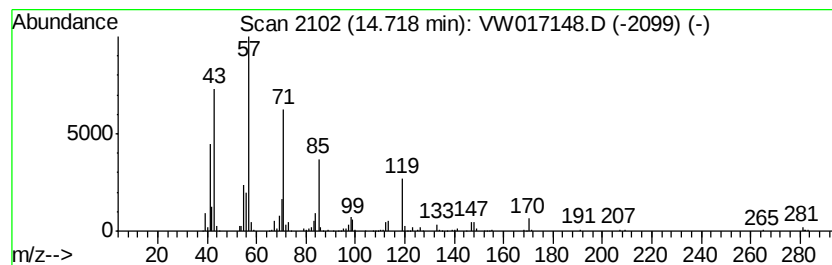
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 Quant Title : VOC Analysis

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

 Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.92 ug/L	268432	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	86
2		Tetradecane	198	C14H30	000629-59-4	58
3		Dodecane	170	C12H26	000112-40-3	58
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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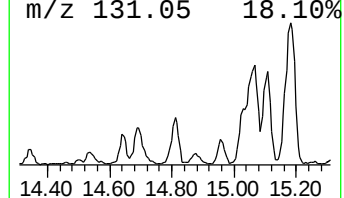
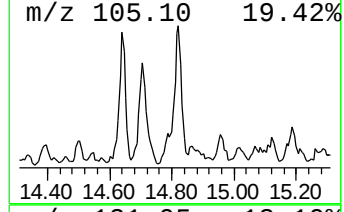
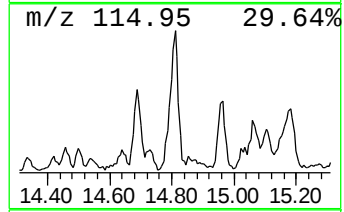
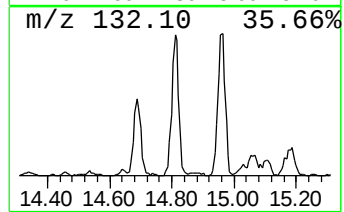
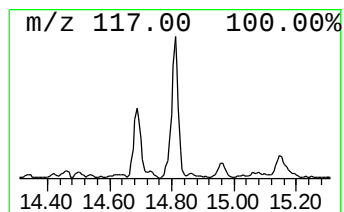
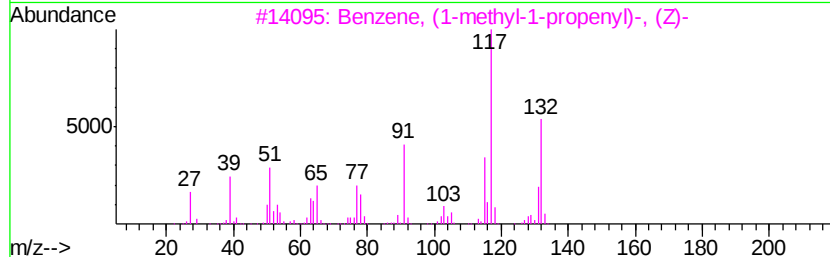
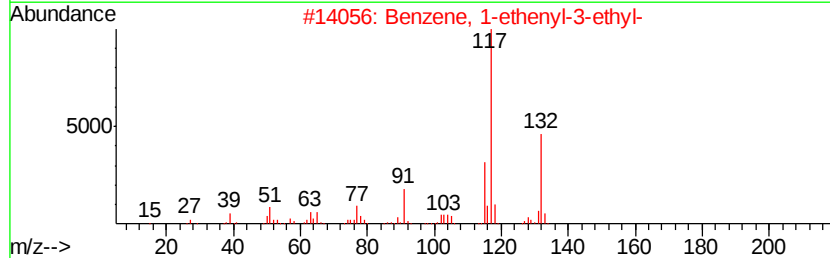
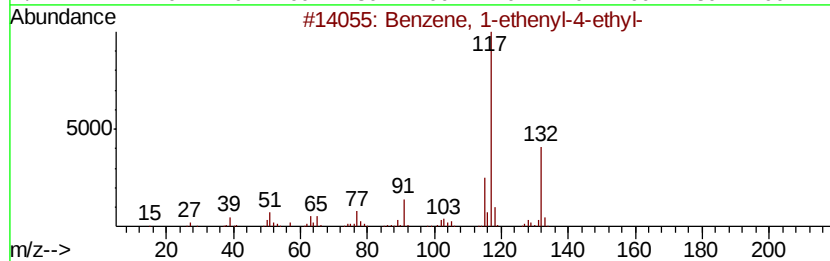
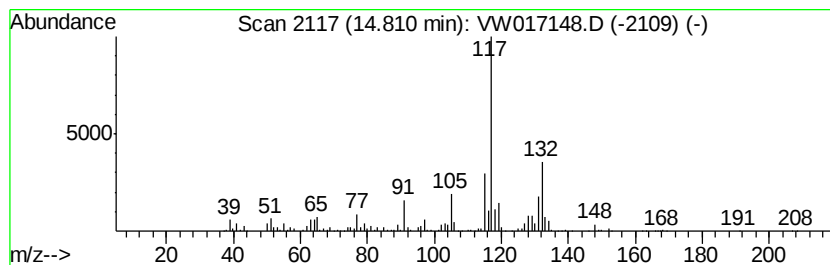
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.95 ug/L	314997	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	94
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	76
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	74
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4D3

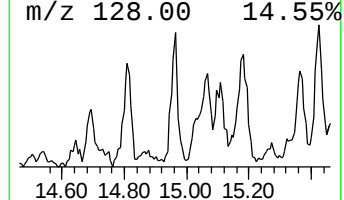
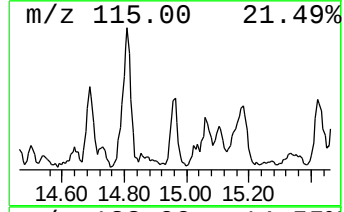
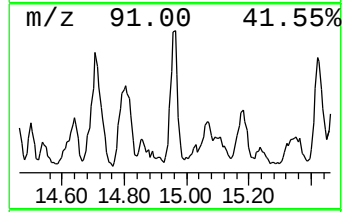
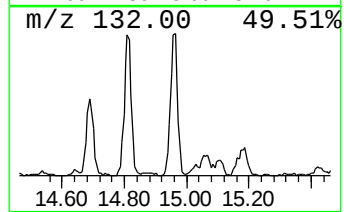
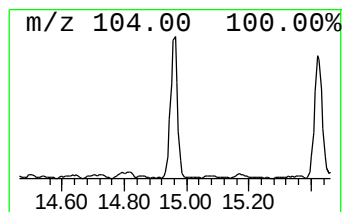
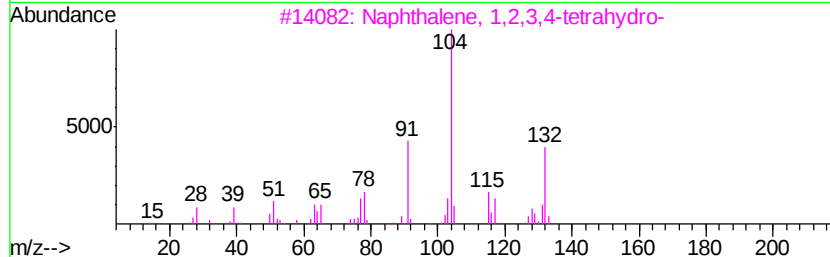
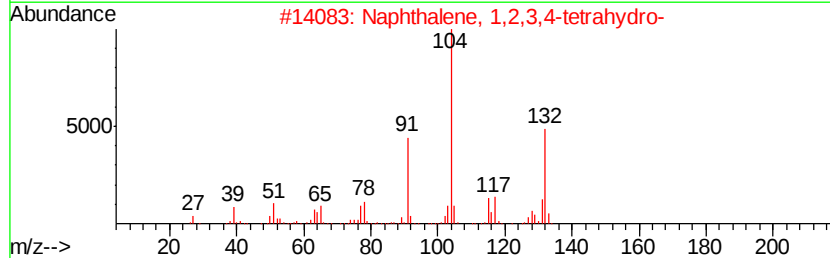
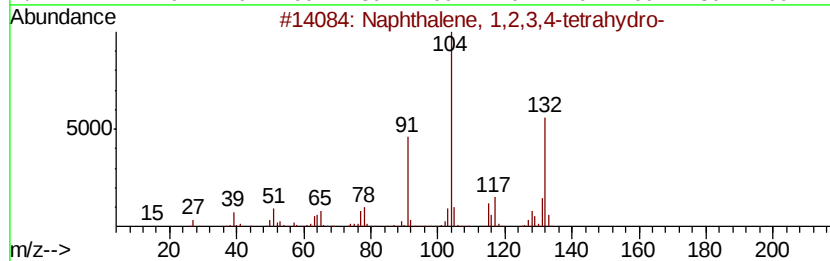
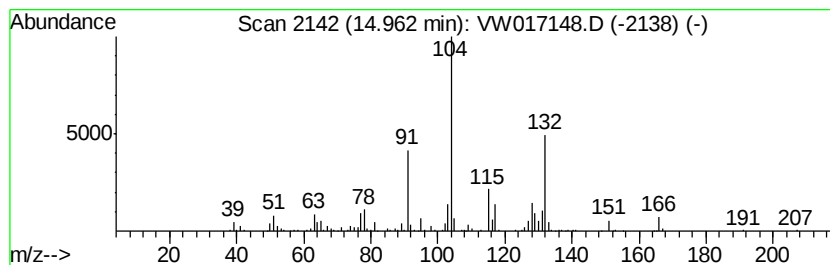
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.64 ug/L	119810	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	90
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5		Benzene, cyclobutyl-	132	C10H12	004392-30-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4D3

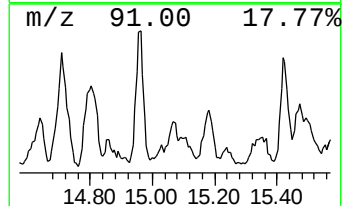
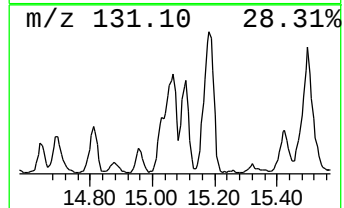
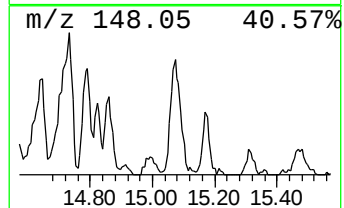
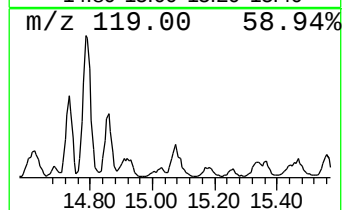
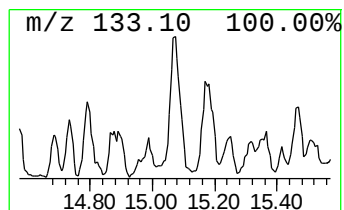
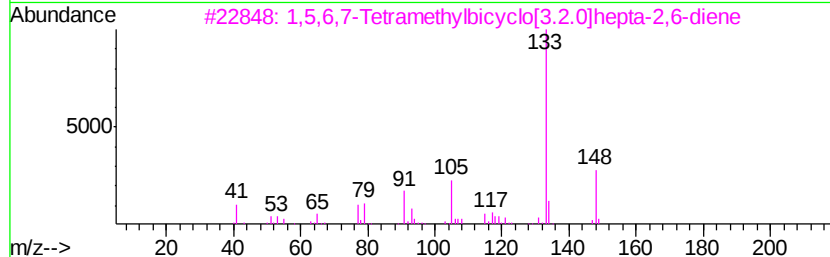
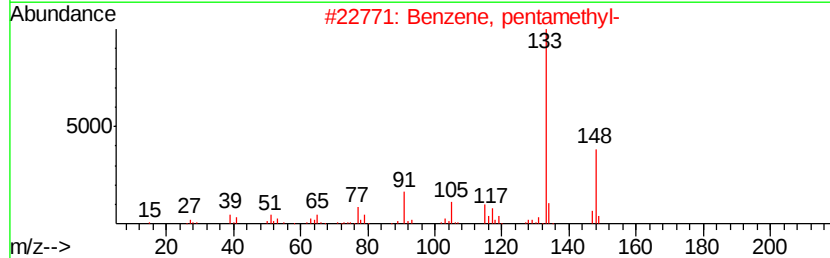
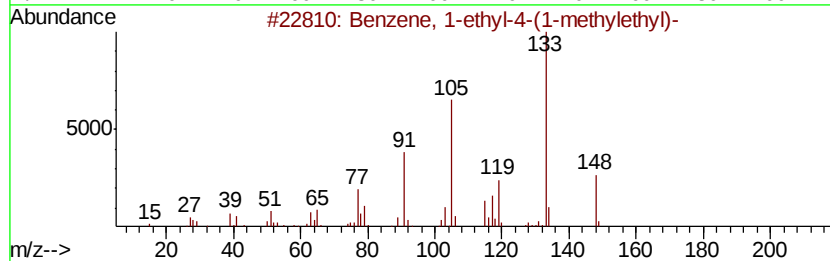
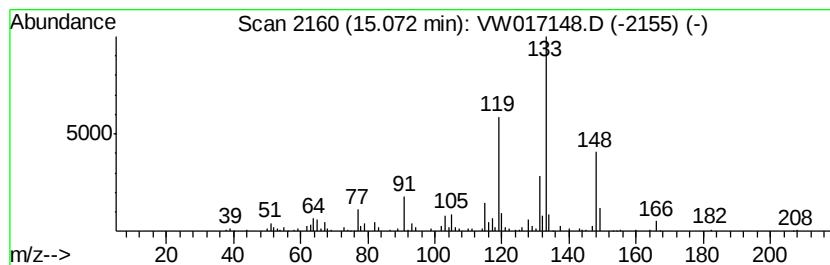
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	1.39 ug/L	63082	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	43
3			1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	43
4			Benzene, 1,4-dimethyl-2-(1-methylethyl)-	148	C11H16	004132-72-3	43
5			Benzamide, N-[(3,4-dihydro-1H-2-benzoxazol-5-yl)methyl]-	281	C18H19NO2	1000320-15-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

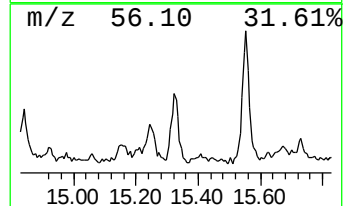
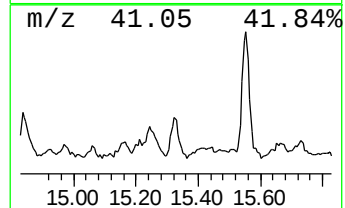
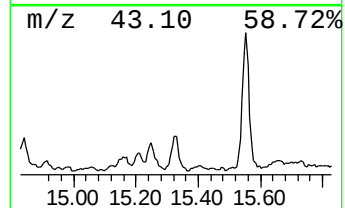
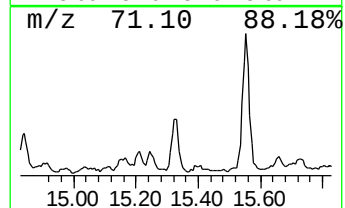
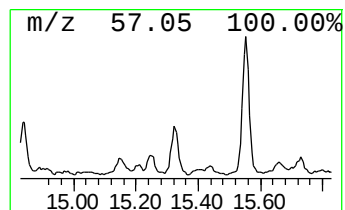
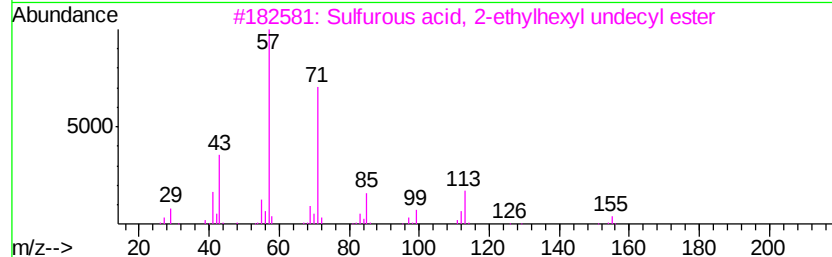
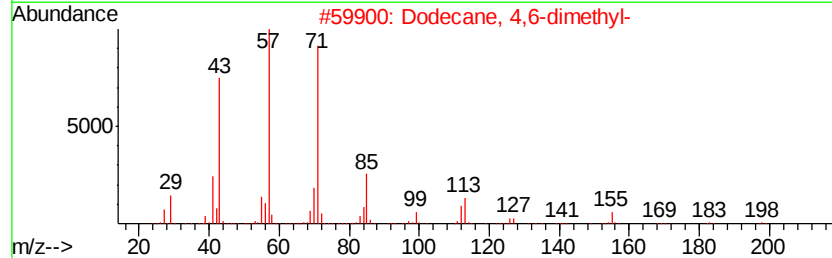
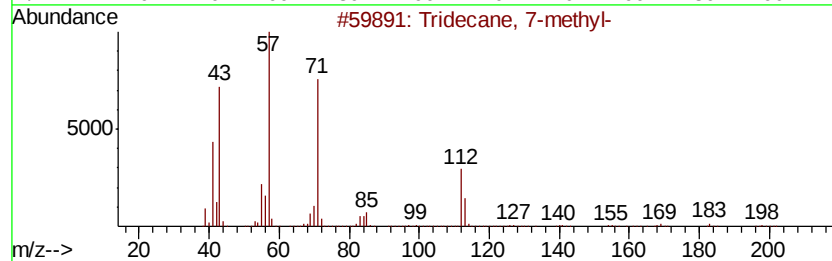
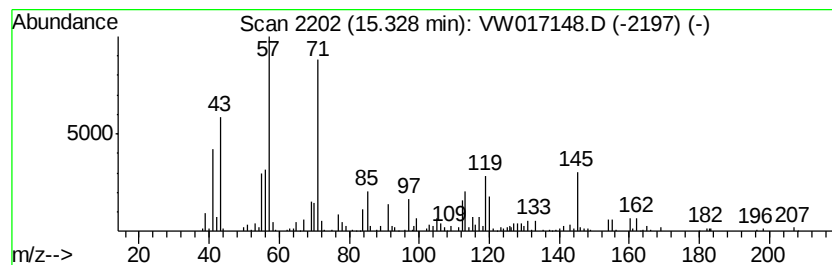
Instrument :
MSVOA_W
ClientSampleId :
BG4D3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.33	2.52 ug/L	113999	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	52
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	52
4	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	50
5	Decane, 2-methyl-	156	C11H24	006975-98-0	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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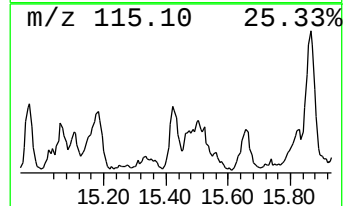
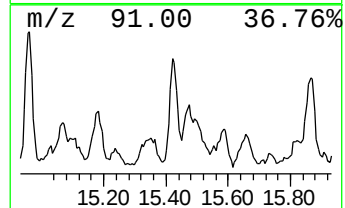
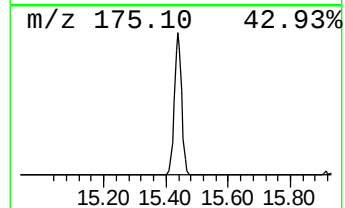
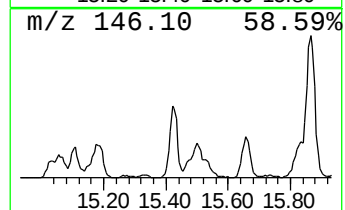
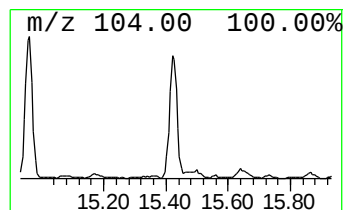
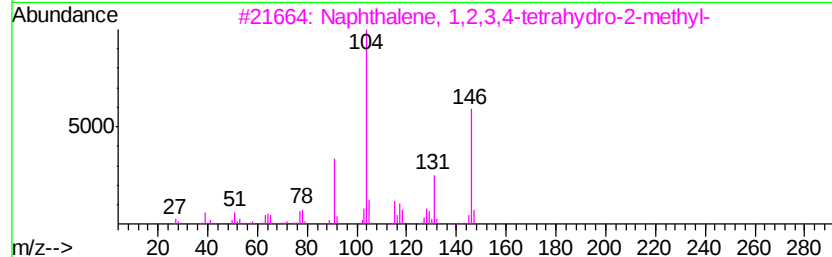
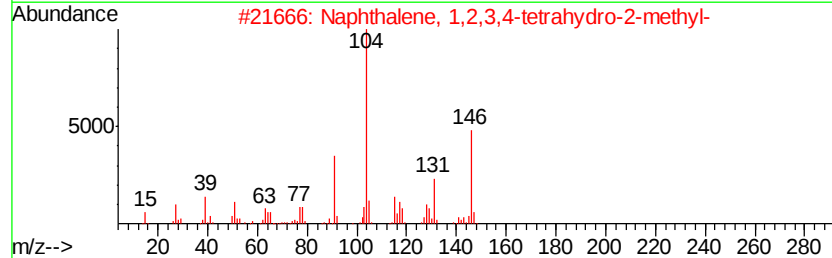
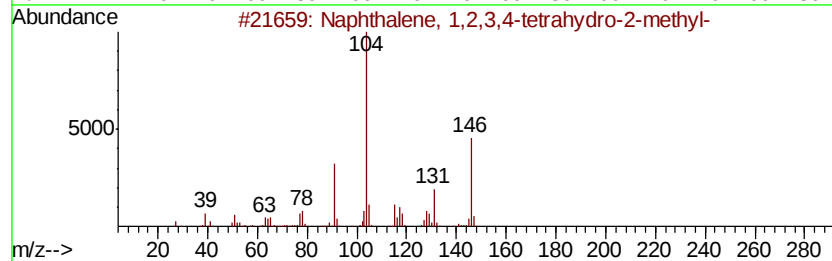
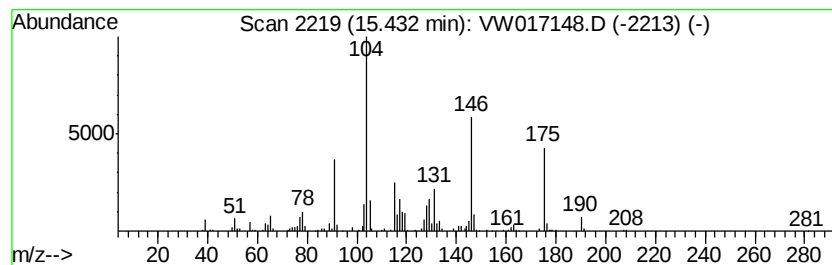
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Quant Title : VOC Analysis

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

Peak Number 18 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.76 ug/L	124908	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
5		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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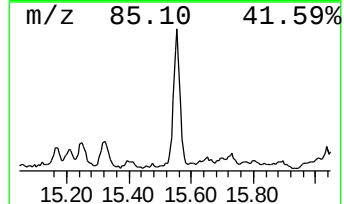
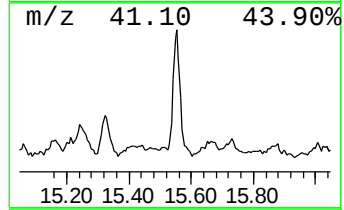
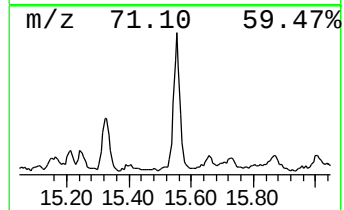
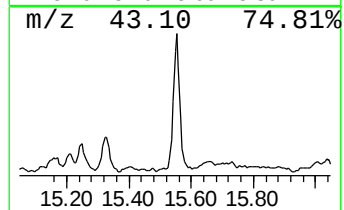
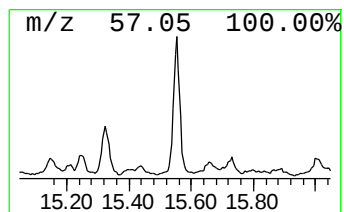
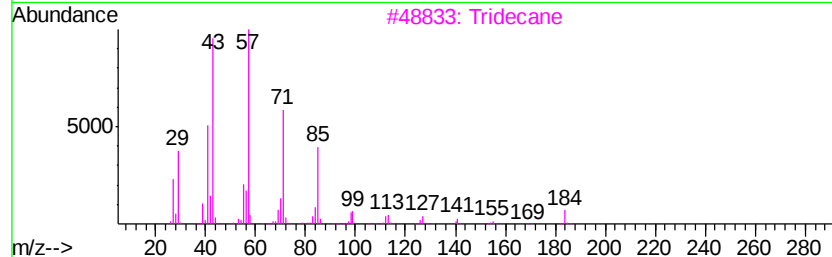
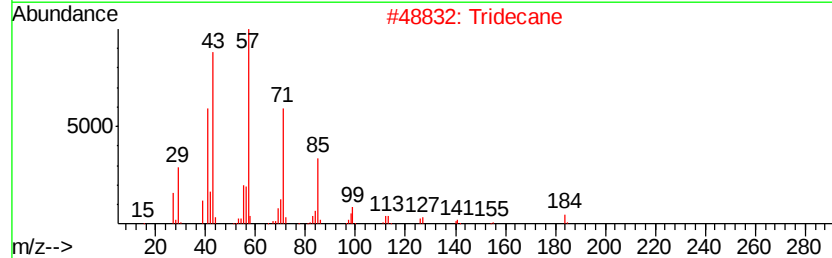
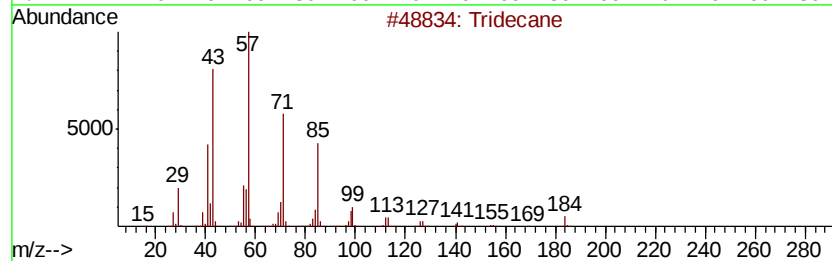
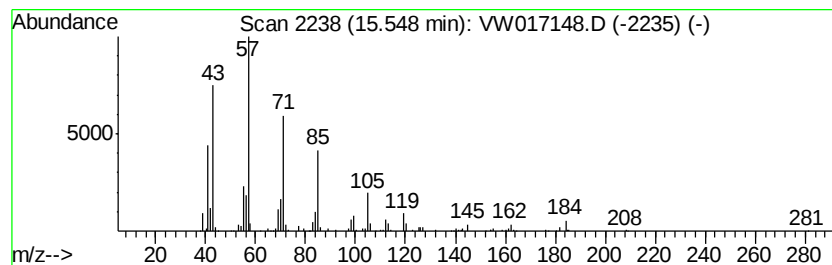
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	6.20 ug/L	280837	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	92
3			Tridecane	184	C13H28	000629-50-5	89
4			Tridecane	184	C13H28	000629-50-5	76
5			Tridecane	184	C13H28	000629-50-5	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

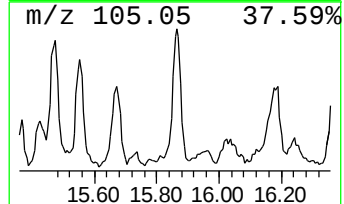
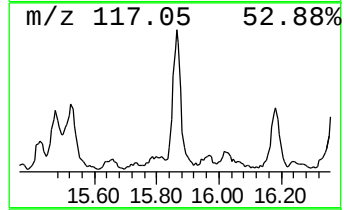
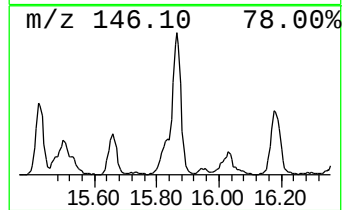
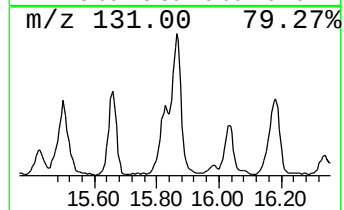
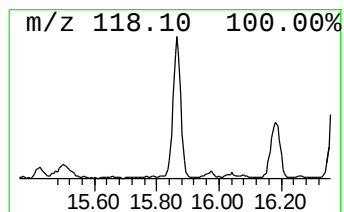
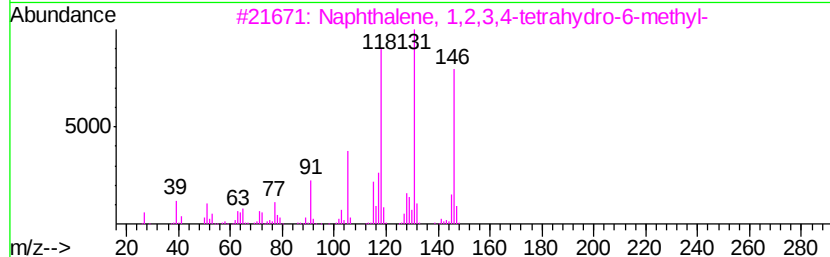
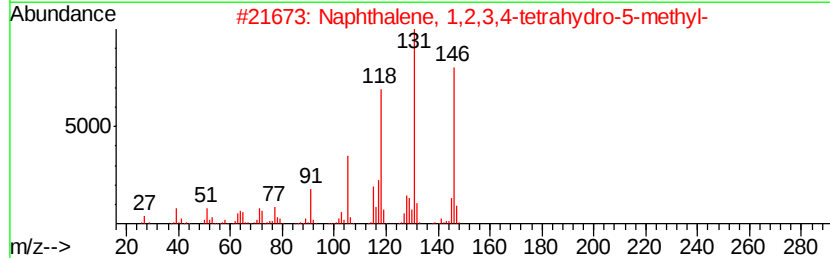
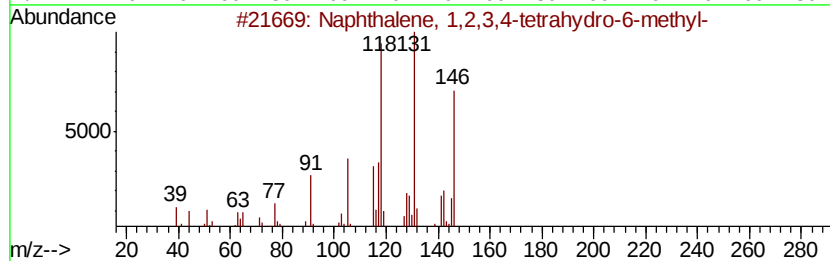
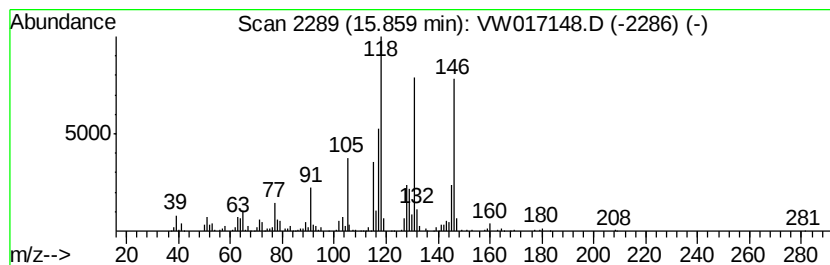
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 20 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.86	6.53 ug/L	296114	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

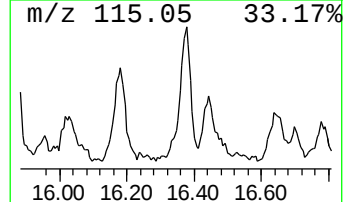
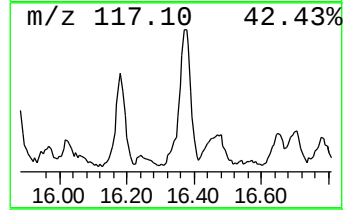
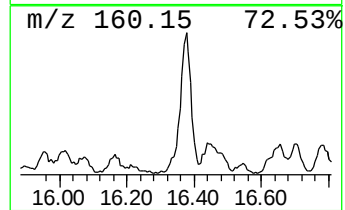
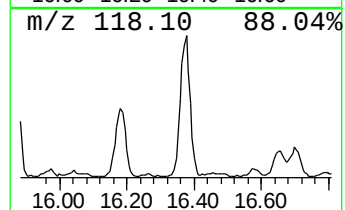
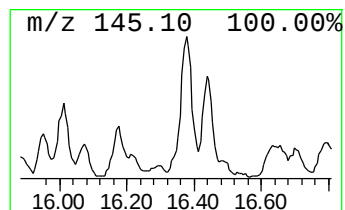
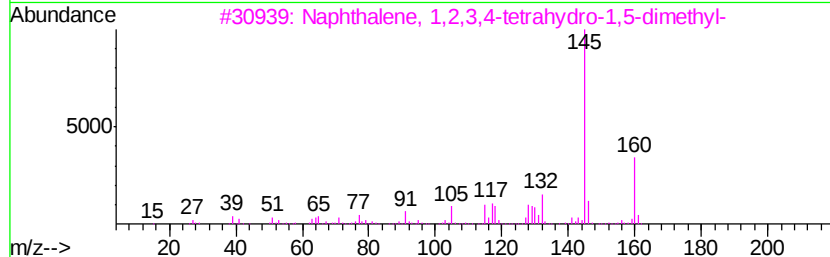
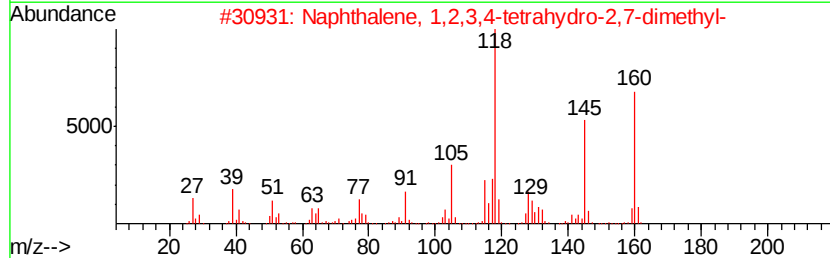
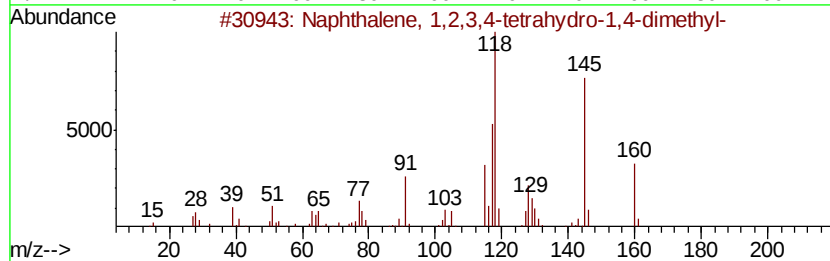
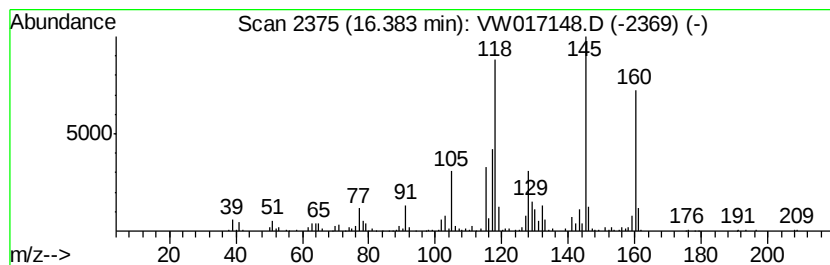
Instrument :
MSVOA_W
ClientSampleId :
BG4D3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 21 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.38	4.13 ug/L	187304	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		004175-54-6	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		013065-07-1	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		021564-91-0	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16		001129-29-9	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16		007524-63-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111020\
Data File : VW017148.D
Acq On : 10 Nov 2020 18:21
Operator : SY/VA
Sample : L4693-03
Misc : 5.19G/10ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG4D3

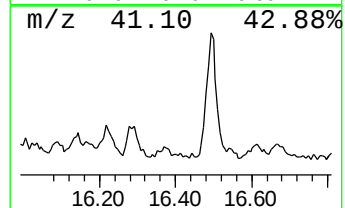
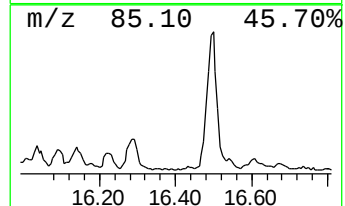
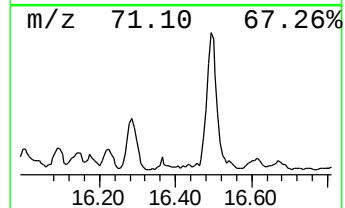
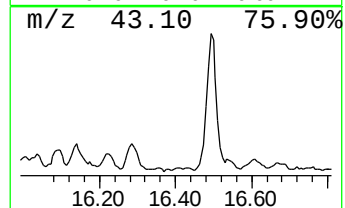
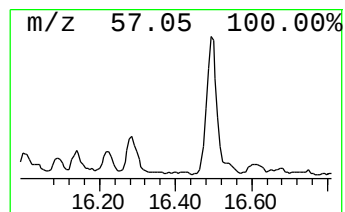
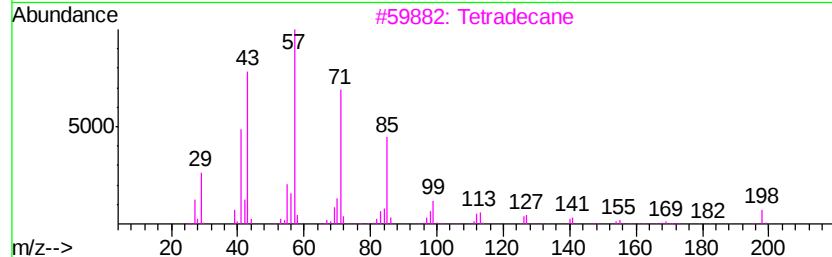
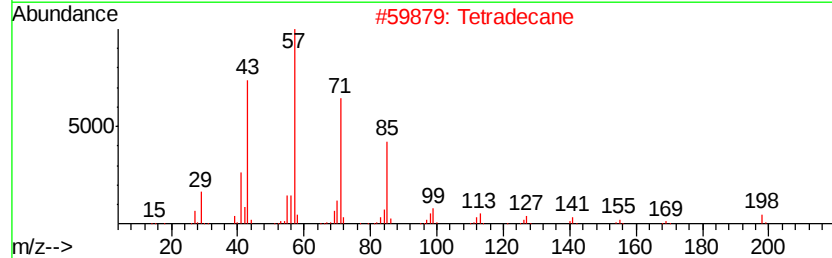
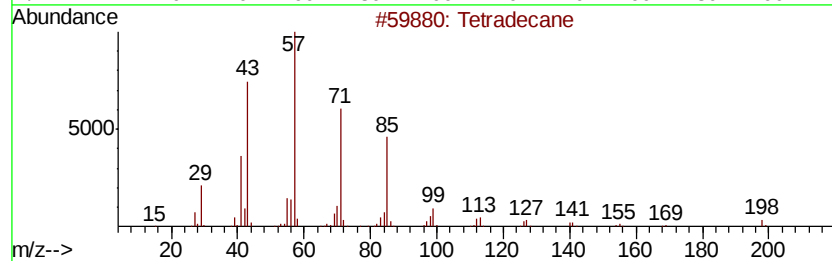
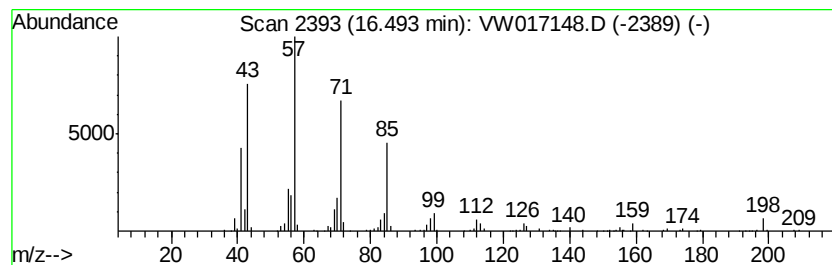
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.79 ug/L	171852	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Tetradecane	198	C14H30	000629-59-4	93
3		Tetradecane	198	C14H30	000629-59-4	87
4		Dodecane	170	C12H26	000112-40-3	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111020\
 Data File : VW017148.D
 Acq On : 10 Nov 2020 18:21
 Operator : SY/VA
 Sample : L4693-03
 Misc : 5.19G/10ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D3

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
(DEL) Alkane: Str...	12.93	2.6	ug/L	119992	3	13.56	1133070	25.0
Mesitylene	13.25	1.9	ug/L	84650	3	13.56	1133070	25.0
unknown-01	13.76	1.5	ug/L	66023	3	13.56	1133070	25.0
Benzene, 1-methyl...	14.21	2.3	ug/L	102319	3	13.56	1133070	25.0
Naphthalene, deca...	14.39	1.5	ug/L	68280	3	13.56	1133070	25.0
Benzene, 1,3-diet...	14.50	1.3	ug/L	57934	3	13.56	1133070	25.0
unknown-02	14.55	1.5	ug/L	66498	3	13.56	1133070	25.0
3-Phenylbut-1-ene	14.69	1.7	ug/L	76508	3	13.56	1133070	25.0
(DEL) Alkane: Str...	14.72	5.9	ug/L	268432	3	13.56	1133070	25.0
Benzene, 1-etheny...	14.81	7.0	ug/L	314997	3	13.56	1133070	25.0
Naphthalene, 1,2,...	14.96	2.6	ug/L	119810	3	13.56	1133070	25.0
unknown-03	15.07	1.4	ug/L	63082	3	13.56	1133070	25.0
(DEL) Alkane: Str...	15.33	2.5	ug/L	113999	3	13.56	1133070	25.0
Naphthalene, 1,2,...	15.43	2.8	ug/L	124908	3	13.56	1133070	25.0
(DEL) Alkane: Str...	15.55	6.2	ug/L	280837	3	13.56	1133070	25.0
Naphthalene, 1,2,...	15.86	6.5	ug/L	296114	3	13.56	1133070	25.0
Naphthalene, 1,2,...	16.38	4.1	ug/L	187304	3	13.56	1133070	25.0
(DEL) Alkane: Str...	16.49	3.8	ug/L	171852	3	13.56	1133070	25.0