

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080919\
 Data File : VW011767.D
 Acq On : 08 Aug 2019 11:39
 Operator : SY/VA
 Sample : K4215-05
 Misc : 4.79G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB6

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\SOM2WLM073019S.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	35	41	49	rBV	18692	42835	3.98%	0.630%
2	2.349	66	73	85	rVB	76137	133954	12.46%	1.969%
3	2.885	154	161	174	rVB	50685	115079	10.70%	1.692%
4	3.294	217	228	232	rBV9	2008	5462	0.51%	0.080%
5	3.385	238	243	251	rVV4	4560	11375	1.06%	0.167%
6	3.446	251	253	256	rVB2	789	646	0.06%	0.009%
7	3.556	267	271	272	rBV2	690	598	0.06%	0.009%
8	3.672	282	290	298	rBV	11927	31952	2.97%	0.470%
9	3.861	311	321	328	rBV8	2272	6839	0.64%	0.101%
10	4.019	335	347	360	rBV2	120728	380696	35.41%	5.596%
11	4.355	399	402	403	rBV3	519	518	0.05%	0.008%
12	4.385	404	407	411	rBV4	523	964	0.09%	0.014%
13	4.519	426	429	437	rVB3	325	625	0.06%	0.009%
14	4.720	459	462	465	rBV3	445	485	0.05%	0.007%
15	4.769	465	470	472	rBV3	384	590	0.05%	0.009%
16	4.909	482	493	494	rBV5	3488	7071	0.66%	0.104%
17	5.098	521	524	526	rBV2	499	763	0.07%	0.011%
18	5.190	538	539	543	rVB3	693	751	0.07%	0.011%
19	5.428	576	578	579	rVV2	567	411	0.04%	0.006%
20	5.446	579	581	588	rVB4	520	931	0.09%	0.014%
21	5.678	612	619	622	rBV2	359	679	0.06%	0.010%
22	5.708	622	624	625	rVV	588	425	0.04%	0.006%
23	5.751	625	631	641	rVV7	2241	7507	0.70%	0.110%
24	5.940	654	662	670	rVV3	3634	10069	0.94%	0.148%
25	6.037	674	678	680	rVB	508	659	0.06%	0.010%
26	6.464	746	748	752	rVB2	304	406	0.04%	0.006%
27	6.507	752	755	758	rBV3	303	495	0.05%	0.007%
28	6.543	758	761	763	rVB3	540	416	0.04%	0.006%
29	6.696	783	786	789	rBV4	331	477	0.04%	0.007%
30	6.732	789	792	794	rBV2	317	413	0.04%	0.006%
31	6.836	806	809	810	rBV2	478	526	0.05%	0.008%
32	6.915	821	822	825	rVB3	626	454	0.04%	0.007%
33	6.958	825	829	830	rBV3	495	490	0.05%	0.007%
34	6.988	830	834	838	rBV5	641	1065	0.10%	0.016%

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35	7.080	840	849	853	rBV	40207	105089	9.77%	1.545%
36	7.397	898	901	902	rBV3	421	399	0.04%	0.006%
37	7.549	924	926	929	rVB4	565	680	0.06%	0.010%
38	7.647	932	942	954	rVV	168259	409554	38.09%	6.020%
39	7.921	985	987	988	rVV2	588	562	0.05%	0.008%
40	7.952	990	992	999	rVB5	1775	2090	0.19%	0.031%
41	8.006	999	1001	1002	rBV2	599	474	0.04%	0.007%
42	8.025	1002	1004	1007	rBV3	812	1096	0.10%	0.016%
43	8.140	1019	1023	1025	rBV3	709	781	0.07%	0.011%
44	8.165	1025	1027	1030	rVB2	561	525	0.05%	0.008%
45	8.275	1032	1045	1061	rBV2	355885	1075254	100.00%	15.805%
46	8.555	1089	1091	1094	rVB4	649	519	0.05%	0.008%
47	8.695	1107	1114	1118	rBV9	1614	3430	0.32%	0.050%
48	8.842	1129	1138	1150	rBV	338041	685549	63.76%	10.077%
49	8.927	1150	1152	1153	rVV2	817	749	0.07%	0.011%
50	8.964	1156	1158	1161	rVV2	541	746	0.07%	0.011%
51	8.994	1161	1163	1166	rVV3	916	957	0.09%	0.014%
52	9.031	1167	1169	1171	rVV2	484	539	0.05%	0.008%
53	9.085	1171	1178	1183	rVB8	1970	4694	0.44%	0.069%
54	9.134	1183	1186	1187	rBV	469	475	0.04%	0.007%
55	9.153	1187	1189	1192	rVB4	499	489	0.05%	0.007%
56	9.274	1200	1209	1223	rBV	244342	501553	46.65%	7.372%
57	9.451	1236	1238	1239	rBV	470	445	0.04%	0.007%
58	9.579	1253	1259	1260	rBV3	1862	2752	0.26%	0.040%
59	9.659	1269	1272	1278	rVB4	2005	3799	0.35%	0.056%
60	9.762	1283	1289	1295	rVB9	2256	4929	0.46%	0.072%
61	9.835	1298	1301	1304	rBV4	558	941	0.09%	0.014%
62	9.890	1305	1310	1316	rVV6	4537	9214	0.86%	0.135%
63	10.037	1325	1334	1345	rBV	112778	207220	19.27%	3.046%
64	10.128	1345	1349	1357	rVB7	3044	7890	0.73%	0.116%
65	10.213	1357	1363	1365	rBV5	1704	2820	0.26%	0.041%
66	10.250	1365	1369	1373	rVB4	2206	3203	0.30%	0.047%
67	10.323	1373	1381	1388	rBV	426499	749286	69.68%	11.014%
68	10.390	1388	1392	1399	rVB2	8570	15196	1.41%	0.223%
69	10.488	1402	1408	1416	rVB6	3748	7786	0.72%	0.114%
70	10.579	1416	1423	1432	rBV	69380	119713	11.13%	1.760%
71	10.664	1434	1437	1438	rBV3	1449	1488	0.14%	0.022%

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72	10.707	1438	1444	1450	rVB	30310	55302	5.14%	0.813%
73	10.768	1450	1454	1455	rBV3	1054	1284	0.12%	0.019%
74	10.860	1463	1469	1474	rBV3	11754	21601	2.01%	0.318%
75	10.927	1474	1480	1490	rVV	131848	227007	21.11%	3.337%
76	11.067	1497	1503	1508	rBV	21261	35938	3.34%	0.528%
77	11.439	1560	1564	1570	rVB4	4526	7686	0.71%	0.113%
78	11.506	1570	1575	1579	rBV8	1766	3213	0.30%	0.047%
79	11.634	1588	1596	1605	rBV	362066	634027	58.97%	9.319%
80	11.737	1608	1613	1618	rVB3	4962	9508	0.88%	0.140%
81	11.835	1624	1629	1640	rBV2	15388	34358	3.20%	0.505%
82	12.170	1678	1684	1691	rBV3	5521	11489	1.07%	0.169%
83	12.469	1728	1733	1740	rBV	20766	35000	3.26%	0.514%
84	12.609	1749	1756	1763	rBV	27158	45765	4.26%	0.673%
85	12.695	1763	1770	1777	rVB	142123	241920	22.50%	3.556%
86	12.768	1777	1782	1784	rBV6	1680	2899	0.27%	0.043%
87	12.932	1805	1809	1817	rVB5	5511	10696	0.99%	0.157%
88	13.298	1867	1869	1874	rVB7	3346	4435	0.41%	0.065%
89	13.560	1905	1912	1923	rBV	211671	354841	33.00%	5.216%
90	13.707	1933	1936	1937	rBV2	1098	1023	0.10%	0.015%
91	13.853	1954	1960	1969	rVB	182360	298872	27.80%	4.393%
92	14.072	1991	1996	2003	rVB2	22466	38772	3.61%	0.570%
93	14.255	2025	2026	2030	rBV4	1222	1959	0.18%	0.029%
94	15.225	2183	2185	2186	rBV	1290	1132	0.11%	0.017%
95	15.438	2216	2220	2224	rVB2	9007	12654	1.18%	0.186%
96	15.499	2226	2230	2236	rVB	4972	9306	0.87%	0.137%
97	15.560	2238	2240	2241	rBV2	1579	1192	0.11%	0.018%
98	16.133	2332	2334	2335	rBV2	778	547	0.05%	0.008%
99	16.243	2350	2352	2354	rBV3	756	725	0.07%	0.011%
100	16.694	2424	2426	2427	rBV2	814	671	0.06%	0.010%

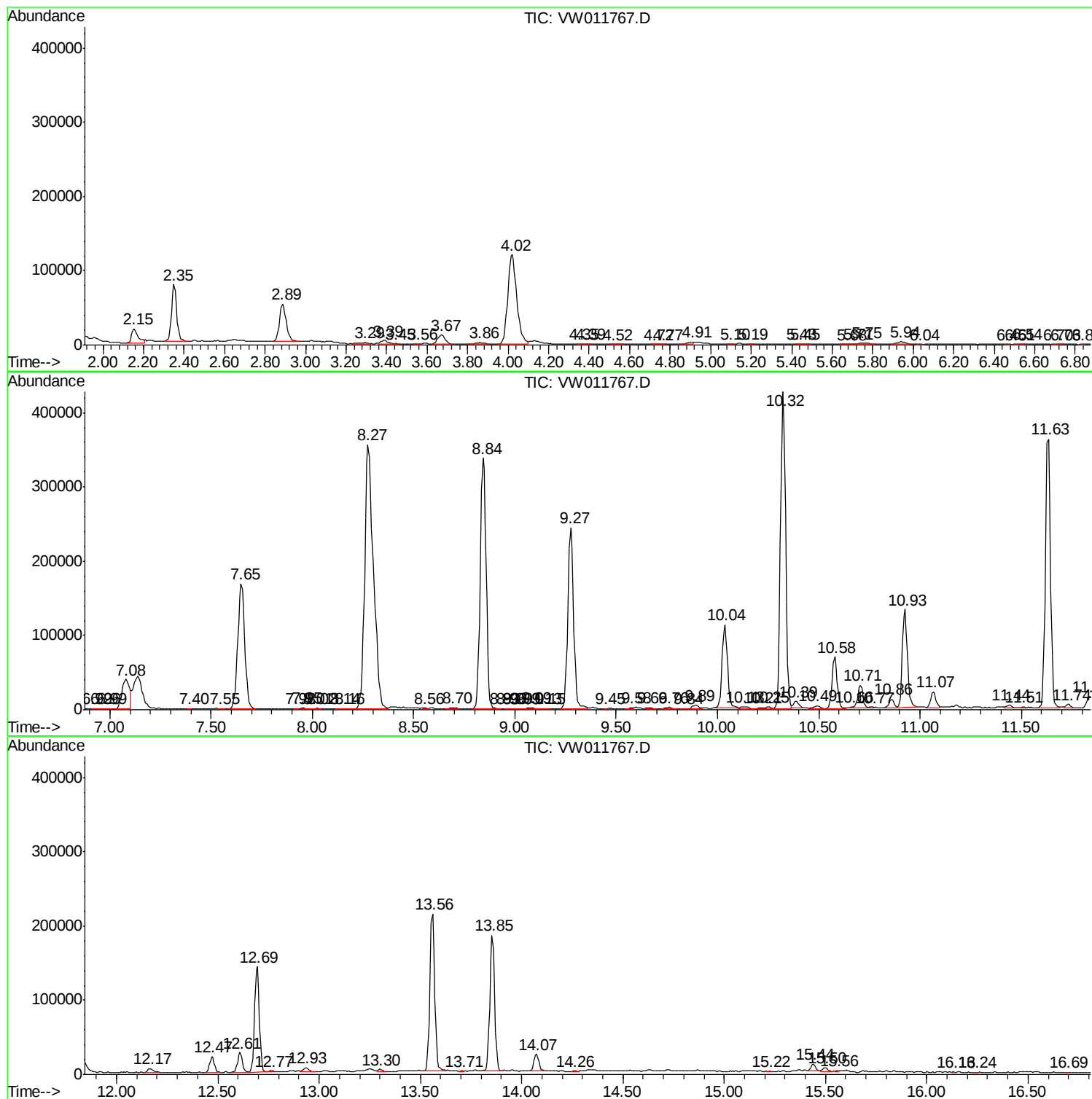
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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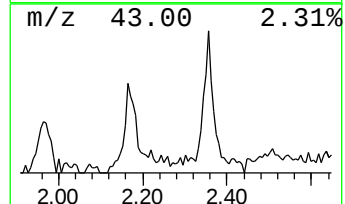
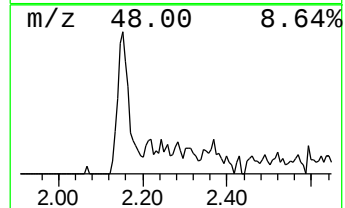
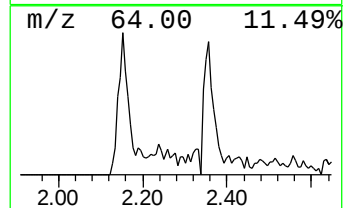
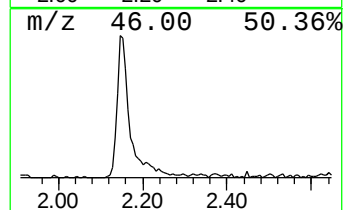
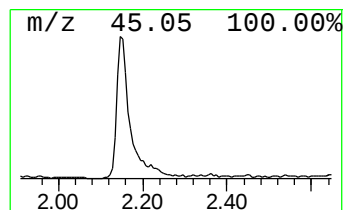
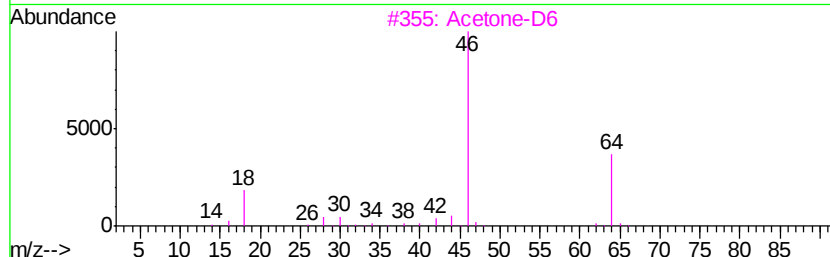
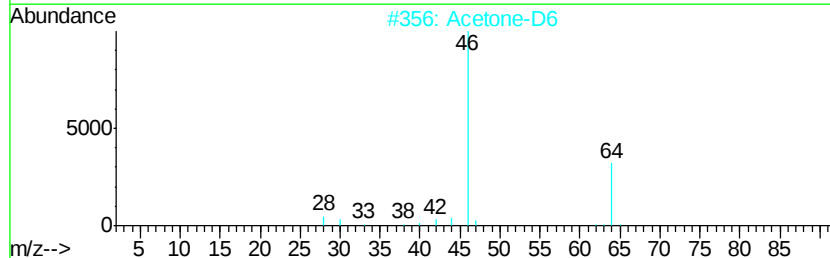
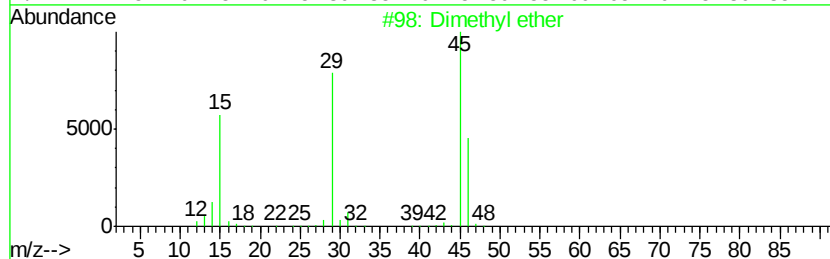
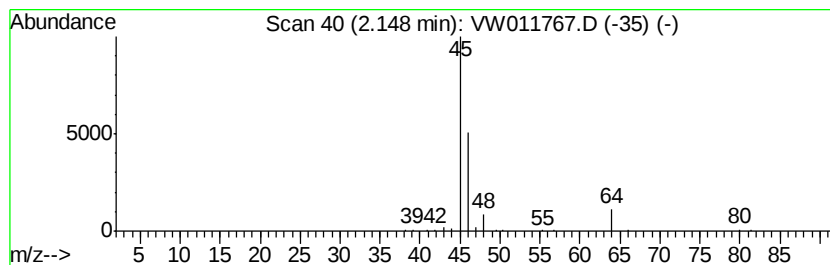
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.56 ug/L	42835	1,4-Difluorobenzene	8.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dimethyl ether	46	C2H6O	000115-10-6	50
2		Acetone-D6	64	C3D6O	000666-52-4	12
3		Acetone-D6	64	C3D6O	000666-52-4	12
4		Hydrazine, methyl-	46	CH6N2	000060-34-4	9
5		Ethanol	46	C2H6O	000064-17-5	9



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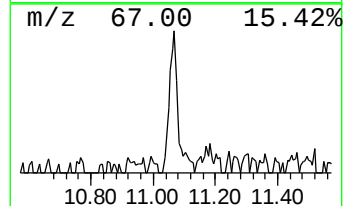
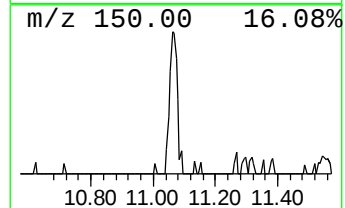
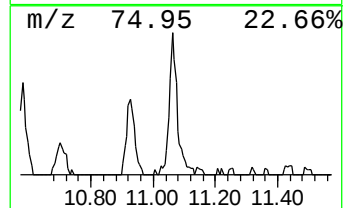
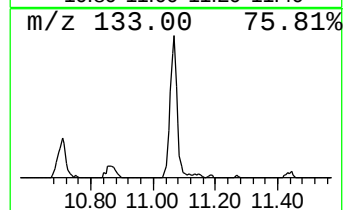
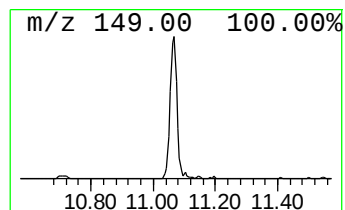
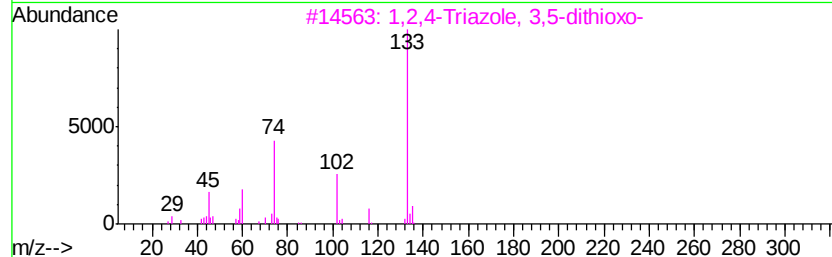
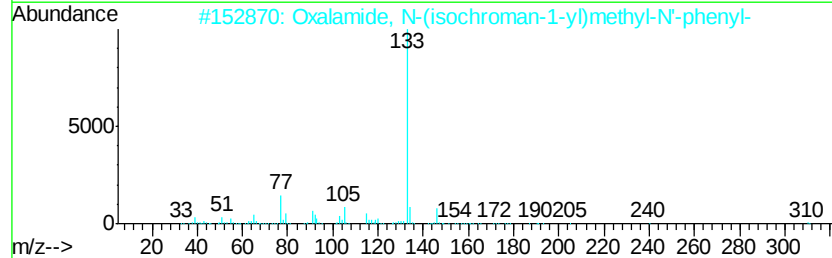
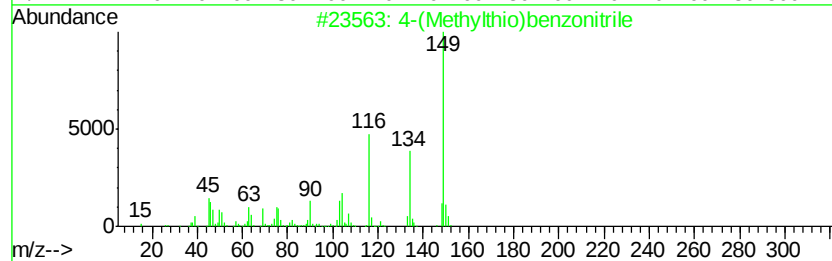
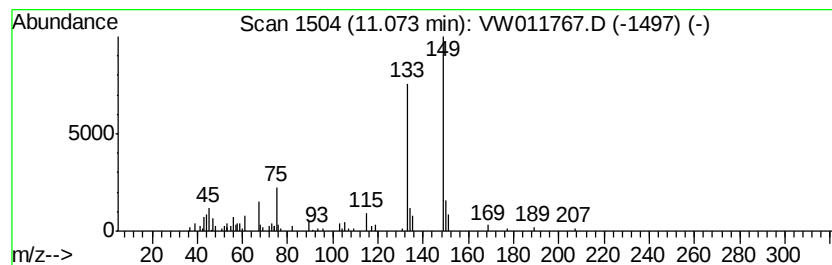
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.42 ug/L	35938	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	38
2		Oxalamide, N-(isochroman-1-yl)me...	310	C18H18N2O3	1000304-26-0	27
3		1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
4		Phthalic acid, 2-ethoxvethyl dec...	378	C22H34O5	1000322-87-8	27
5		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	27



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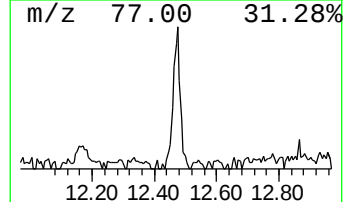
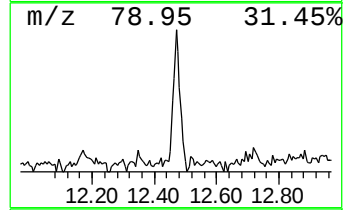
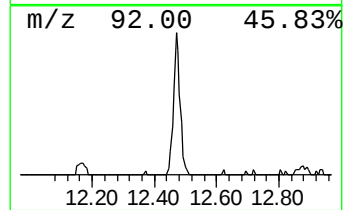
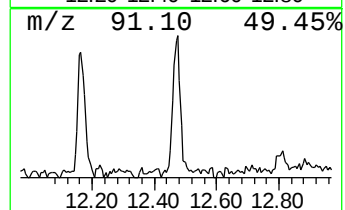
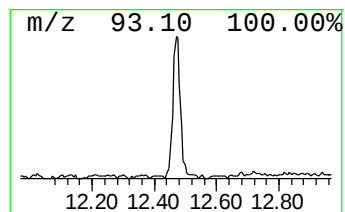
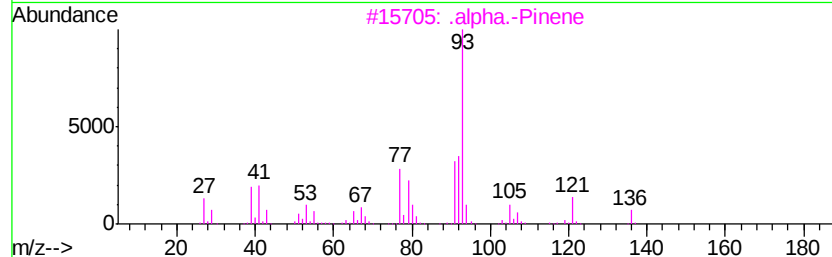
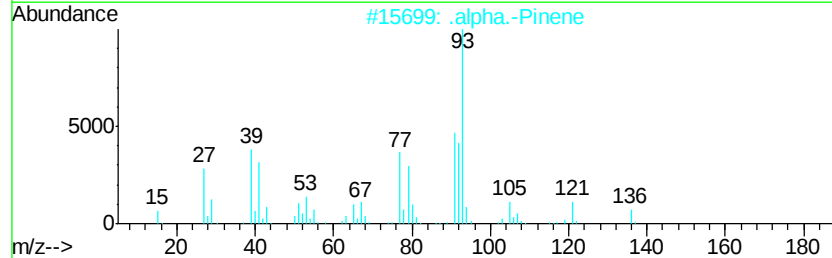
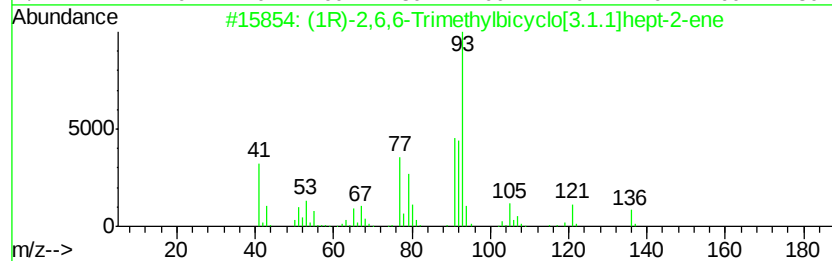
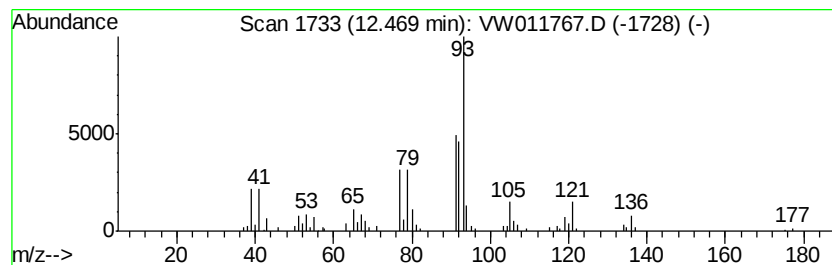
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	1.38 ug/L	35000	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080919\
Data File : VW011767.D
Acq On : 08 Aug 2019 11:39
Operator : SY/VA
Sample : K4215-05
Misc : 4.79G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB6

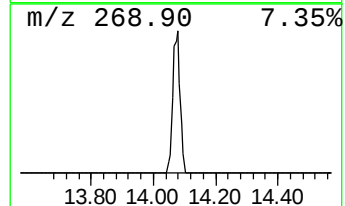
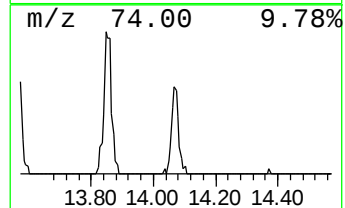
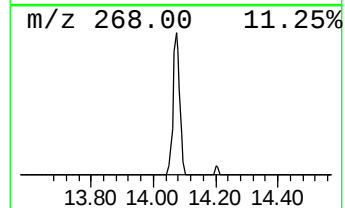
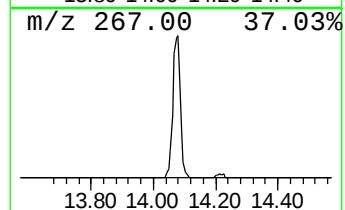
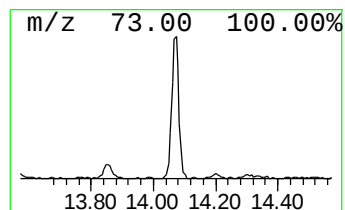
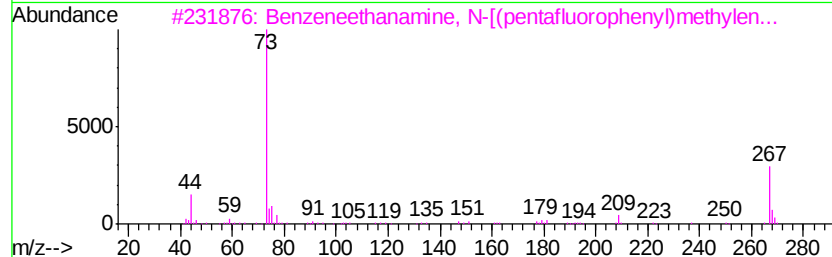
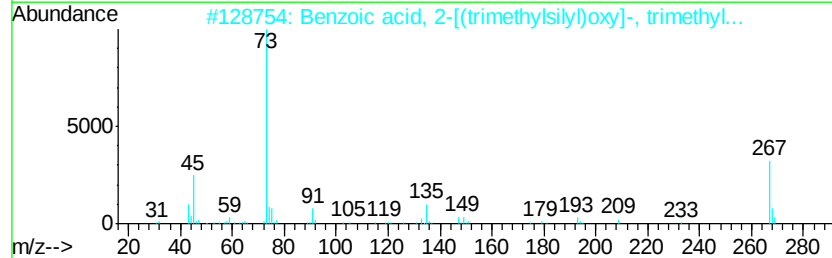
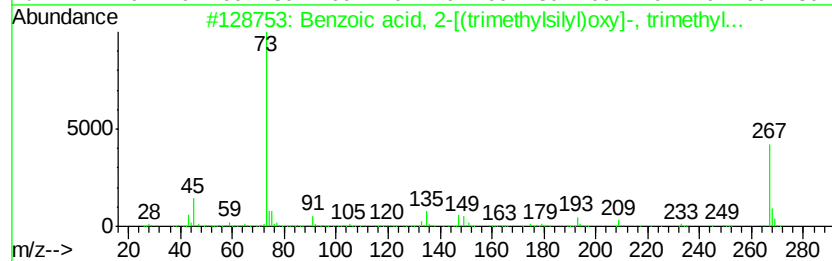
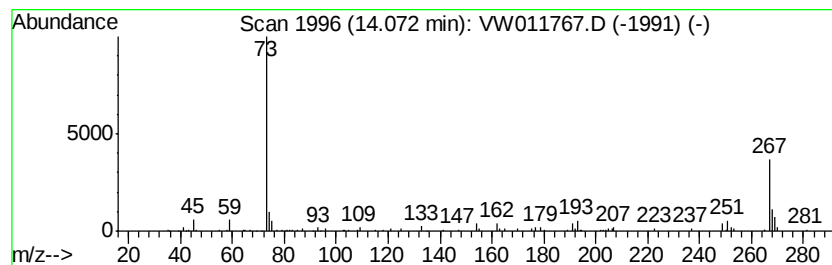
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Quant Title : VOC Analysis

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

Peak Number 7 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.73 ug/L	38772	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	42
2		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	42
3		Benzeneethanamine, N-[(pentafluorophenyl)methyl]-	475	C21H26F5N02Si2	055429-85-1	42
4		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	36
5		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	36



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Instrument :
MSVOA_W
ClientSampleId :
ETOB6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
Dimethyl ether	2.15	1.6	ug/L	42835	1	8.84	685549	25.0
unknown-01	11.07	1.4	ug/L	35938	2	11.63	634027	25.0
(1R)-2,6,6-Trimet...	12.47	1.4	ug/L	35000	2	11.63	634027	25.0
unknown-02	14.07	2.7	ug/L	38772	3	13.56	354841	25.0