

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003553.D
 Acq On : 25 Jun 2018 18:26
 Operator : SY/AP
 Sample : J3641-02
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZC0

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\SOM2WLM062018S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.752	18	27	28	rBV	7905	14403	0.69%	0.338%
2	1.807	28	36	56	rVB	954504	2098336	100.00%	49.285%
3	2.154	88	93	100	rBV	6142	15387	0.73%	0.361%
4	4.001	390	396	405	rVB	7419	18903	0.90%	0.444%
5	4.123	411	416	427	rVB2	4240	11346	0.54%	0.266%
6	4.239	433	435	440	rVB5	670	1042	0.05%	0.024%
7	4.294	440	444	447	rBV2	396	584	0.03%	0.014%
8	4.349	451	453	454	rBV2	283	249	0.01%	0.006%
9	4.611	488	496	500	rBV3	1119	2788	0.13%	0.065%
10	4.904	534	544	557	rBV3	10087	31175	1.49%	0.732%
11	5.135	580	582	583	rVB2	425	252	0.01%	0.006%
12	5.184	583	590	591	rBV3	919	1944	0.09%	0.046%
13	5.507	641	643	646	rBV2	201	253	0.01%	0.006%
14	5.544	647	649	652	rVV3	272	244	0.01%	0.006%
15	5.593	654	657	659	rVB2	491	424	0.02%	0.010%
16	5.690	668	673	674	rBV3	334	495	0.02%	0.012%
17	5.757	682	684	687	rVB3	285	233	0.01%	0.005%
18	5.940	703	714	723	rBV6	2985	10126	0.48%	0.238%
19	6.001	723	724	727	rBV	317	242	0.01%	0.006%
20	6.233	760	762	765	rBV	338	294	0.01%	0.007%
21	6.288	768	771	772	rBV2	257	295	0.01%	0.007%
22	6.397	784	789	791	rBV5	3366	5499	0.26%	0.129%
23	6.525	807	810	812	rVB2	283	277	0.01%	0.007%
24	6.580	817	819	821	rBV3	237	321	0.02%	0.008%
25	6.690	833	837	839	rBV2	324	404	0.02%	0.009%
26	6.842	857	862	864	rBV3	262	471	0.02%	0.011%
27	6.879	866	868	870	rVB2	290	235	0.01%	0.006%
28	6.916	870	874	875	rBV3	417	481	0.02%	0.011%
29	7.086	892	902	913	rBV	27464	83615	3.98%	1.964%
30	7.446	959	961	963	rVB2	579	452	0.02%	0.011%
31	7.470	963	965	967	rVB2	311	294	0.01%	0.007%
32	7.525	970	974	977	rBV3	557	753	0.04%	0.018%
33	7.653	986	995	1006	rVB	45409	109142	5.20%	2.564%
34	7.830	1022	1024	1027	rBV	206	255	0.01%	0.006%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	7.860	1027	1029	1033	rVB2	299	313	0.01%	0.007%
36	7.976	1047	1048	1052	rVB2	330	318	0.02%	0.007%
37	8.049	1057	1060	1063	rBV2	346	387	0.02%	0.009%
38	8.098	1066	1068	1070	rVB2	295	248	0.01%	0.006%
39	8.287	1087	1099	1100	rBV	65665	139420	6.64%	3.275%
40	8.391	1114	1116	1117	rBV	482	351	0.02%	0.008%
41	8.470	1126	1129	1130	rBV2	291	267	0.01%	0.006%
42	8.507	1133	1135	1139	rBV3	557	819	0.04%	0.019%
43	8.659	1158	1160	1163	rVB3	309	342	0.02%	0.008%
44	8.696	1163	1166	1168	rBV3	326	540	0.03%	0.013%
45	8.848	1183	1191	1198	rBV	54717	112297	5.35%	2.638%
46	8.940	1203	1206	1209	rBV2	441	517	0.02%	0.012%
47	8.988	1213	1214	1216	rBV2	344	261	0.01%	0.006%
48	9.037	1217	1222	1227	rBV3	3661	7653	0.36%	0.180%
49	9.202	1248	1249	1252	rBV2	252	256	0.01%	0.006%
50	9.281	1252	1262	1273	rBV	77168	156561	7.46%	3.677%
51	9.507	1293	1299	1307	rVB2	7462	14004	0.67%	0.329%
52	9.586	1310	1312	1315	rVB3	482	394	0.02%	0.009%
53	9.653	1321	1323	1324	rBV2	663	514	0.02%	0.012%
54	9.854	1352	1356	1361	rBV3	414	626	0.03%	0.015%
55	10.037	1377	1386	1395	rBV	40196	74192	3.54%	1.743%
56	10.128	1397	1401	1405	rVV4	665	1178	0.06%	0.028%
57	10.214	1408	1415	1421	rBV3	2510	4802	0.23%	0.113%
58	10.330	1427	1434	1441	rBV	78945	137949	6.57%	3.240%
59	10.390	1441	1444	1449	rVB3	2094	3271	0.16%	0.077%
60	10.579	1469	1475	1484	rVB	33337	60191	2.87%	1.414%
61	10.933	1526	1533	1540	rBV	95600	162011	7.72%	3.805%
62	11.073	1551	1556	1568	rVB2	9253	17208	0.82%	0.404%
63	11.274	1586	1589	1591	rBV3	309	368	0.02%	0.009%
64	11.372	1603	1605	1607	rBV	291	302	0.01%	0.007%
65	11.470	1619	1621	1622	rBV	407	250	0.01%	0.006%
66	11.567	1635	1637	1639	rBV3	411	461	0.02%	0.011%
67	11.634	1641	1648	1655	rVV	129780	221828	10.57%	5.210%
68	11.720	1657	1662	1667	rVB3	3659	6405	0.31%	0.150%
69	11.768	1669	1670	1673	rVB2	492	279	0.01%	0.007%
70	11.805	1675	1676	1678	rBV	271	254	0.01%	0.006%
71	11.902	1687	1692	1694	rBV4	319	545	0.03%	0.013%

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72	11.982	1701	1705	1707	rBV	286	384	0.02%	0.009%
73	12.098	1720	1724	1731	rVB2	1679	3056	0.15%	0.072%
74	12.165	1731	1735	1739	rBV4	2111	3363	0.16%	0.079%
75	12.323	1759	1761	1762	rBV4	421	370	0.02%	0.009%
76	12.347	1762	1765	1767	rVB3	570	718	0.03%	0.017%
77	12.463	1781	1784	1787	rBV2	506	623	0.03%	0.015%
78	12.567	1795	1801	1806	rVV3	3390	5844	0.28%	0.137%
79	12.610	1806	1808	1812	rVV3	611	708	0.03%	0.017%
80	12.701	1816	1823	1830	rBV	124217	208636	9.94%	4.900%
81	12.799	1838	1839	1843	rBV3	427	421	0.02%	0.010%
82	12.927	1858	1860	1861	rBV2	556	436	0.02%	0.010%
83	13.085	1883	1886	1887	rBV2	374	253	0.01%	0.006%
84	13.110	1887	1890	1891	rVV2	438	302	0.01%	0.007%
85	13.152	1893	1897	1902	rVB6	1374	2293	0.11%	0.054%
86	13.329	1923	1926	1930	rVB3	455	518	0.02%	0.012%
87	13.402	1930	1938	1943	rBV3	1515	2924	0.14%	0.069%
88	13.481	1947	1951	1957	rVB5	1119	1892	0.09%	0.044%
89	13.567	1958	1965	1972	rBV	140224	223682	10.66%	5.254%
90	13.658	1975	1980	1985	rVV4	4236	6075	0.29%	0.143%
91	13.817	2002	2006	2007	rBV3	318	379	0.02%	0.009%
92	13.859	2007	2013	2023	rVV	144436	242555	11.56%	5.697%
93	14.079	2045	2049	2055	rVB2	2764	4459	0.21%	0.105%
94	14.164	2062	2063	2066	rVB	389	302	0.01%	0.007%
95	14.189	2066	2067	2068	rBV	406	247	0.01%	0.006%
96	14.286	2082	2083	2085	rBV2	481	339	0.02%	0.008%
97	14.341	2088	2092	2097	rVB4	3813	5637	0.27%	0.132%
98	14.890	2179	2182	2183	rBV2	377	381	0.02%	0.009%
99	15.255	2241	2242	2247	rVB4	1623	1494	0.07%	0.035%
100	16.213	2397	2399	2400	rBV2	572	445	0.02%	0.010%

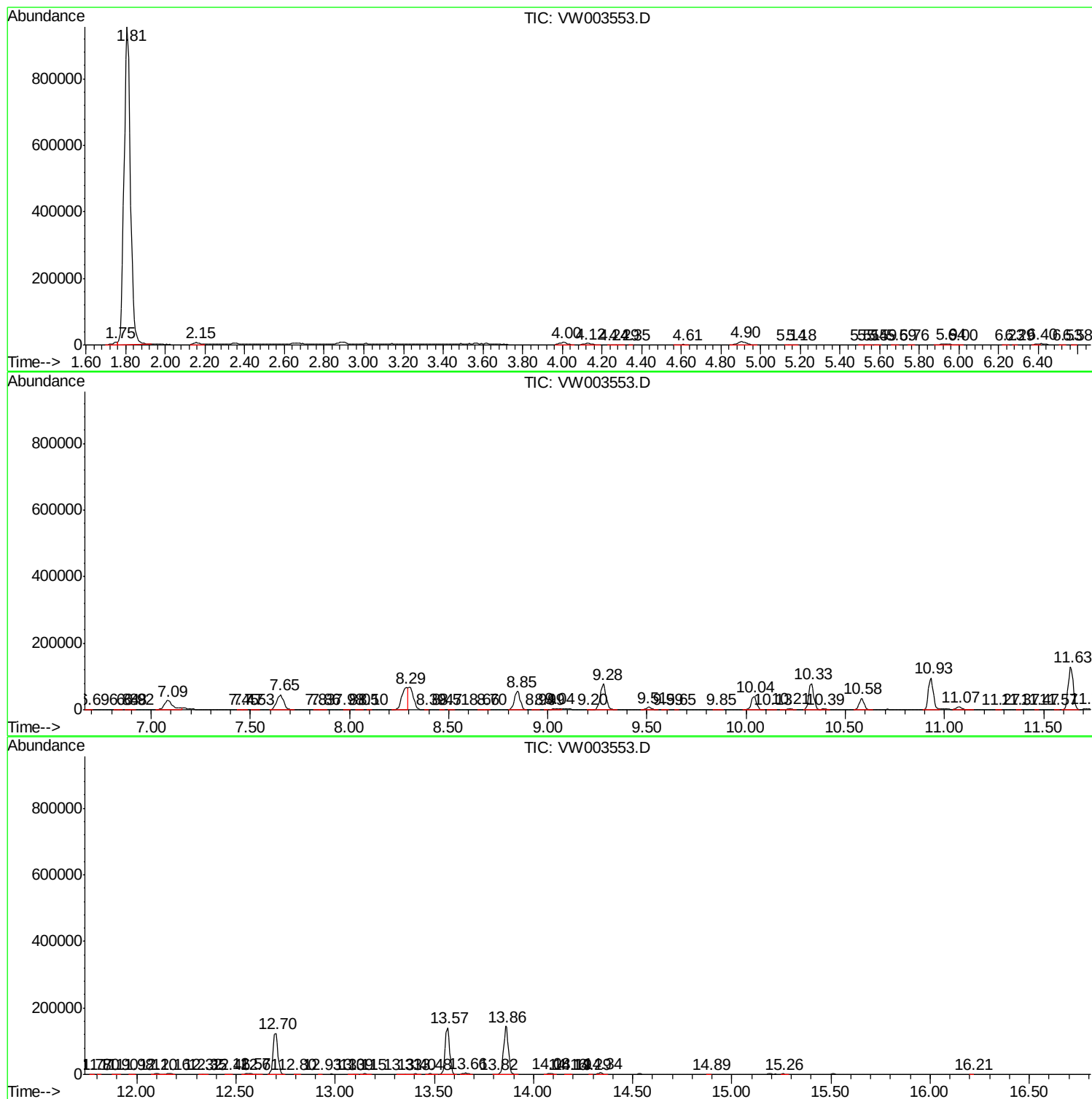
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



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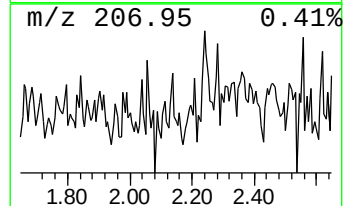
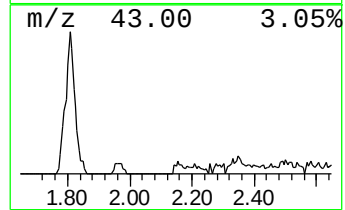
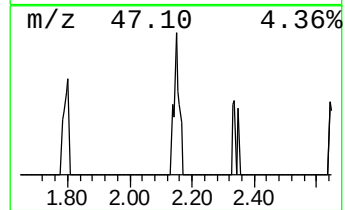
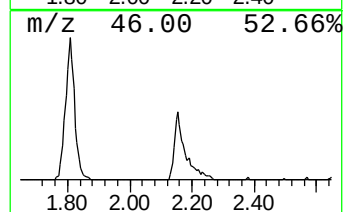
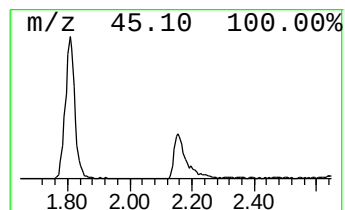
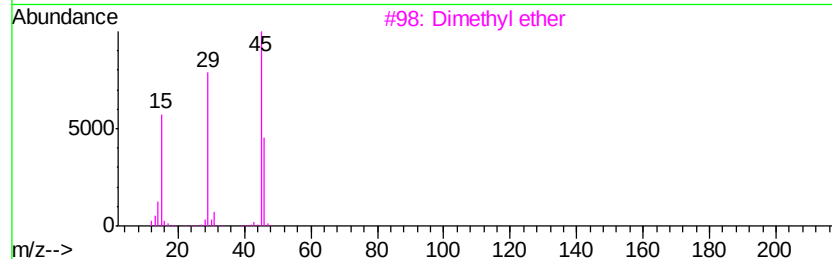
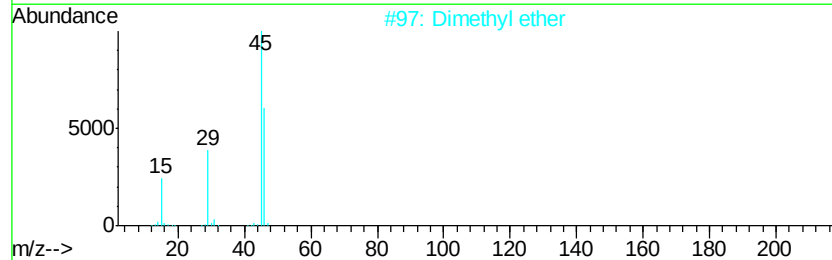
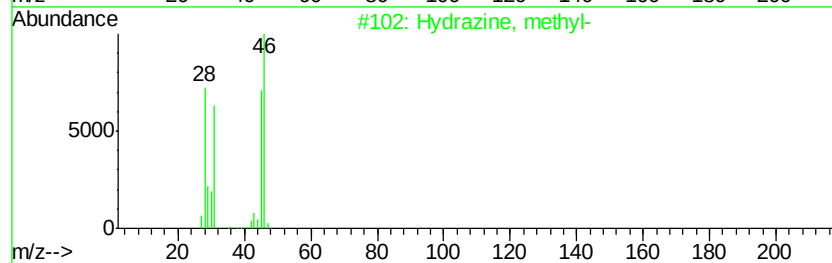
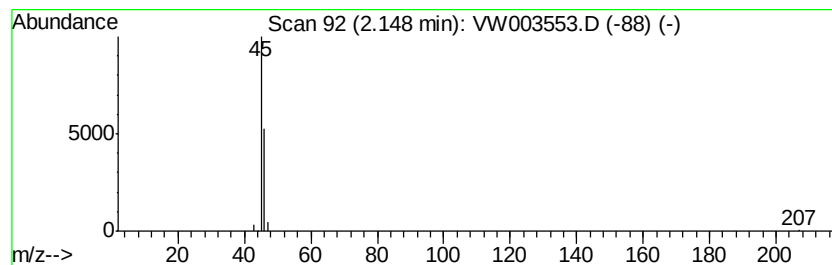
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 3 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	3.43 ug/L	15387	1,4-Difluorobenzene	8.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hydrazine, methyl-	46	CH6N2	000060-34-4	9
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Dimethyl ether	46	C2H6O	000115-10-6	9
4		Ethanol	46	C2H6O	000064-17-5	7
5		Ethanol	46	C2H6O	000064-17-5	7



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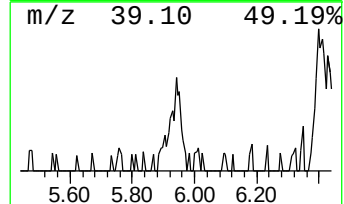
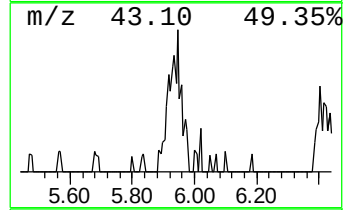
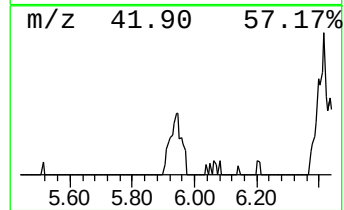
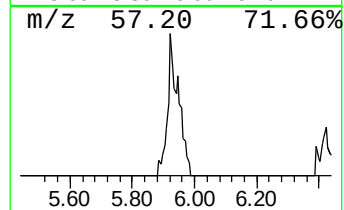
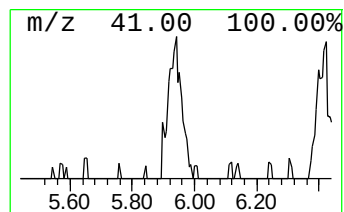
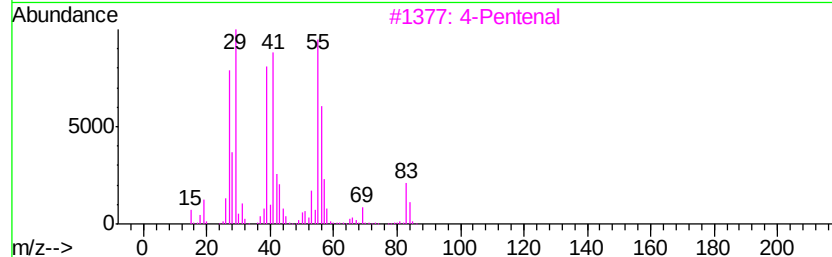
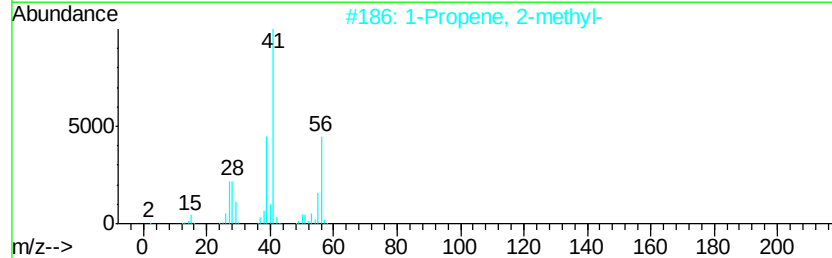
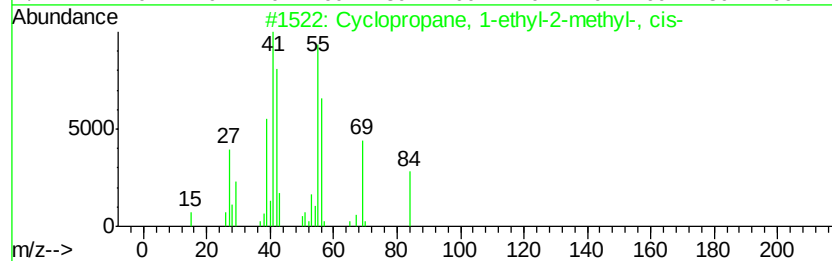
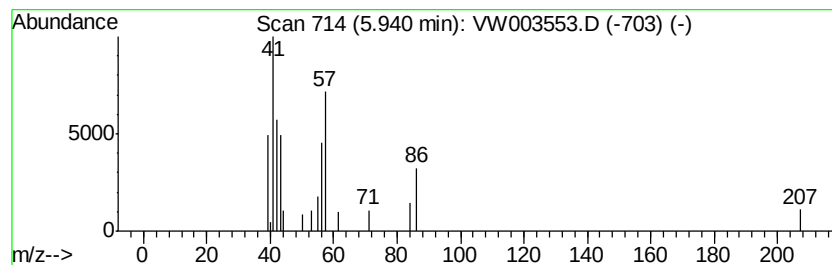
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic5.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	2.25 ug/L	10126	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	40
2		1-Propene, 2-methyl-	56	C4H8	000115-11-7	35
3		4-Pentenal	84	C5H8O	002100-17-6	25
4		1-Propene, 2-methyl-	56	C4H8	000115-11-7	25
5		1,1,3,3-Tetra-tert-butyl-2-pheny...	443	C22H41N3O2S2	300381-92-4	25



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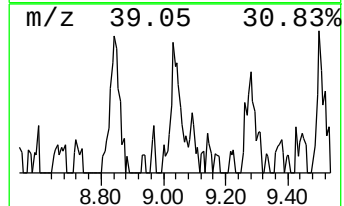
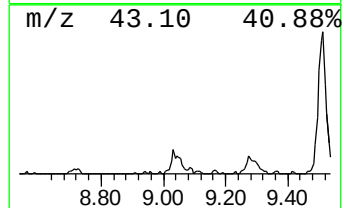
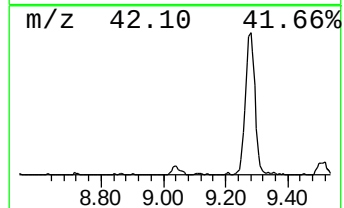
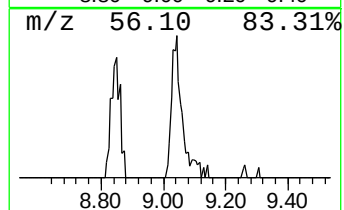
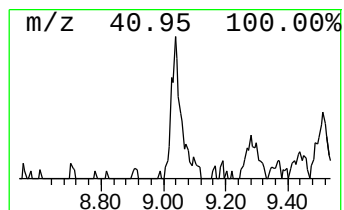
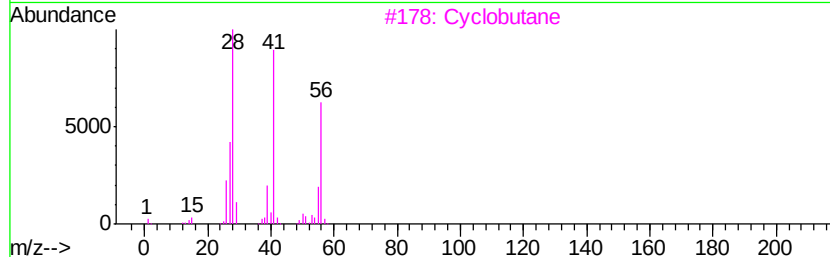
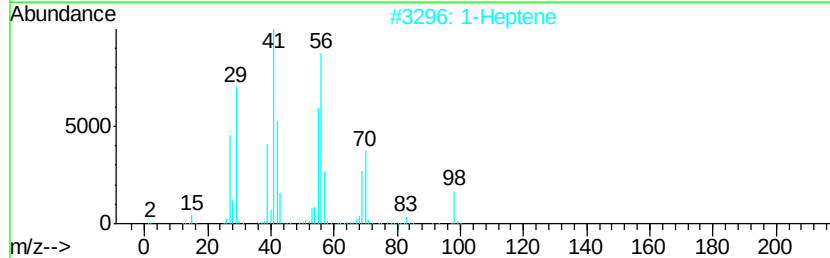
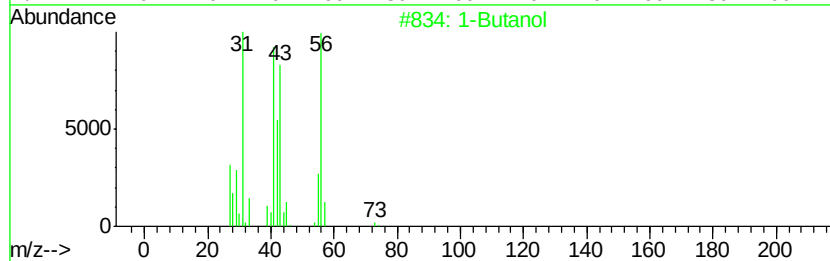
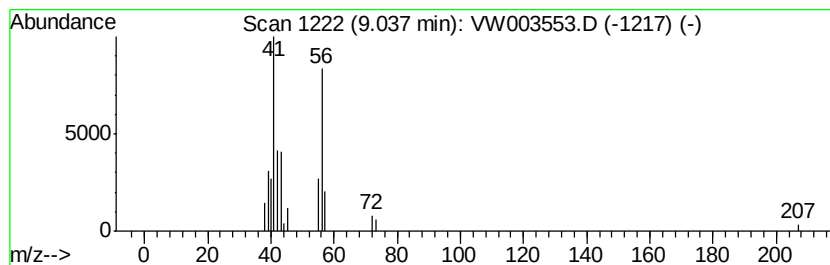
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Quant Title : VOC Analysis

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

Peak Number 5 unknown9.04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	1.70 ug/L	7653	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butanol	74	C4H10O	000071-36-3	43
2		1-Heptene	98	C7H14	000592-76-7	39
3		Cyclobutane	56	C4H8	000287-23-0	9
4		2-Butene, (Z)-	56	C4H8	000590-18-1	9
5		2-Butene, (E)-	56	C4H8	000624-64-6	9



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZC0

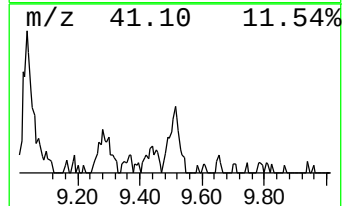
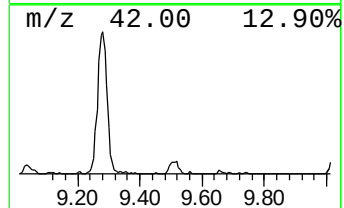
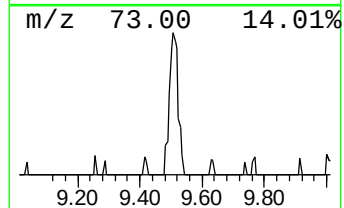
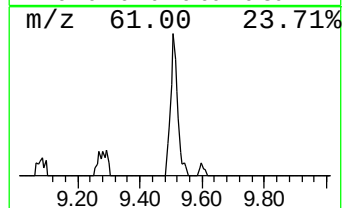
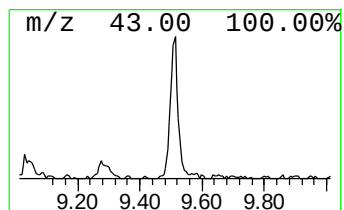
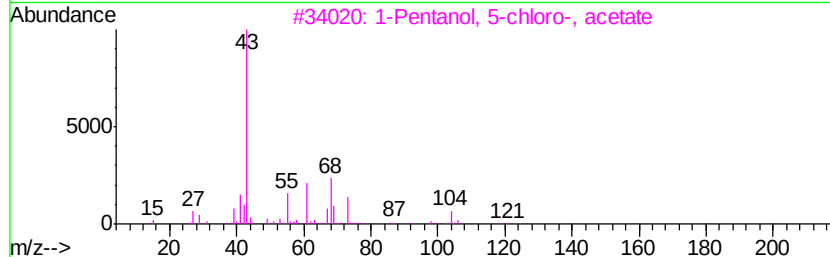
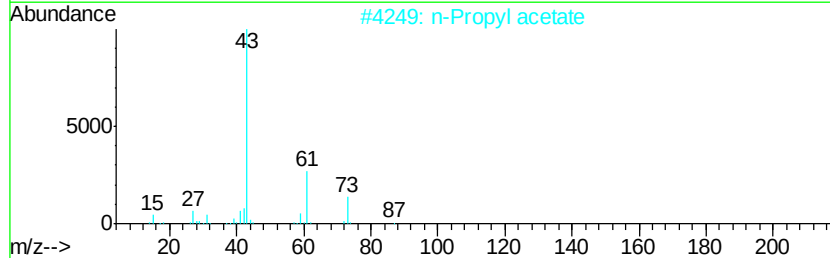
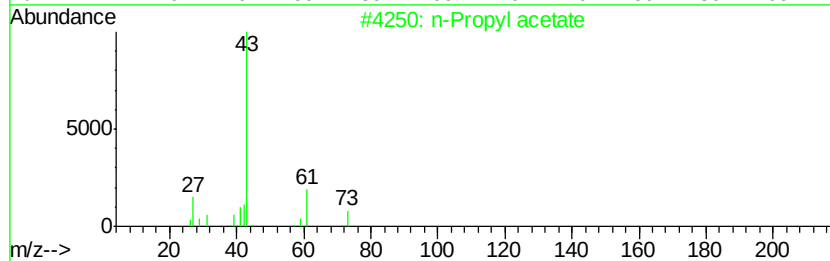
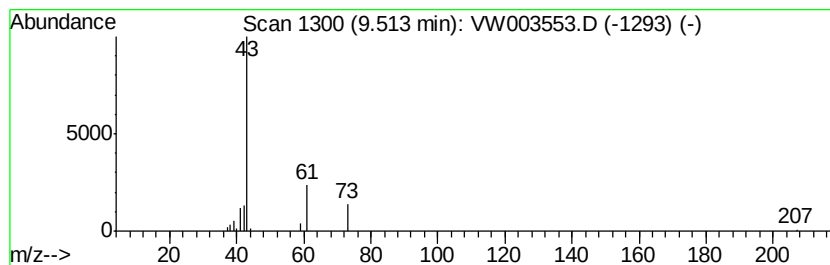
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Quant Title : VOC Analysis

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

Peak Number 6 n-Propyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	3.12 ug/L	14004	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	50
2		n-Propyl acetate	102	C5H10O2	000109-60-4	40
3		1-Pentanol, 5-chloro-, acetate	164	C7H13ClO2	020395-28-2	39
4		Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9
5		Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003553.D
Acq On : 25 Jun 2018 18:26
Operator : SY/AP
Sample : J3641-02
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZCO

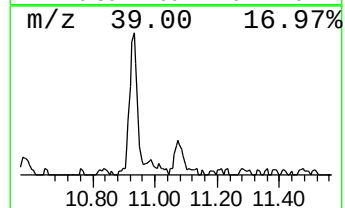
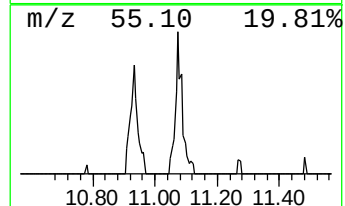
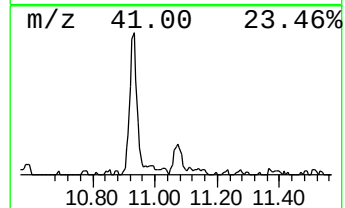
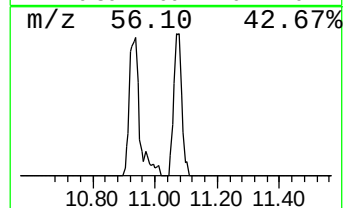
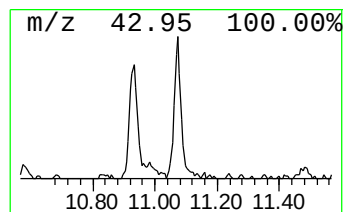
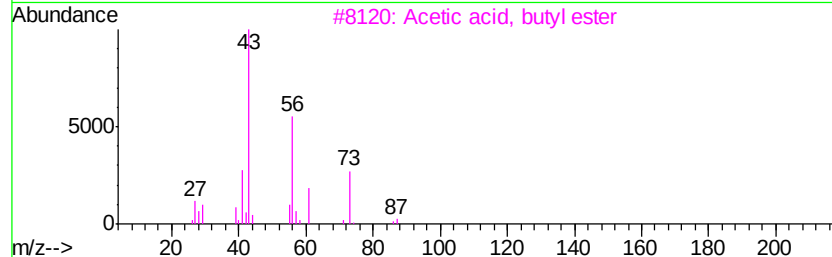
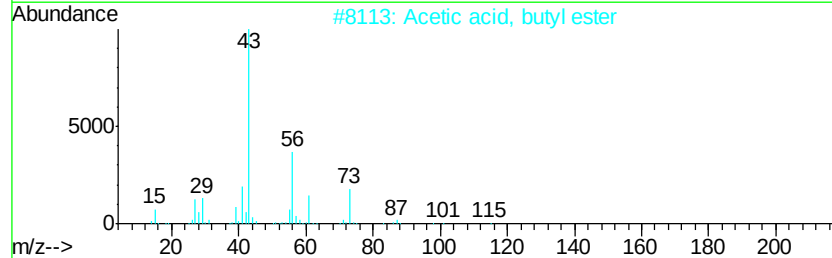
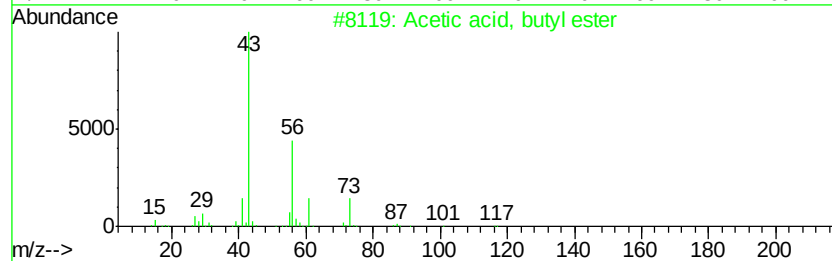
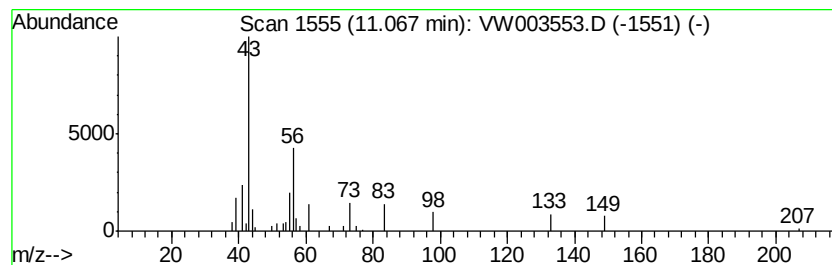
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 8 unknown11.07 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.94 ug/L	17208	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	28
2		Acetic acid, butyl ester	116	C6H12O2	000123-86-4	28
3		Acetic acid, butyl ester	116	C6H12O2	000123-86-4	25
4		Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	25
5		5-Hexen-2-one	98	C6H10O	000109-49-9	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
Data File : VW003553.D
Acq On : 25 Jun 2018 18:26
Operator : SY/AP
Sample : J3641-02
Misc : 5.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZC0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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	3.4	ug/L	15387	1	8.84	112297	25.0
(DEL) Alkane: Cyc...	5.94	2.3	ug/L	10126	1	8.84	112297	25.0
unknown9.04	9.04	1.7	ug/L	7653	1	8.84	112297	25.0
n-Propyl acetate	9.51	3.1	ug/L	14004	1	8.84	112297	25.0
unknown11.07	11.07	1.9	ug/L	17208	2	11.63	221828	25.0