

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011259.D
 Acq On : 15 Jul 2019 14:21
 Operator : SY/VA
 Sample : K3760-08RE
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Y8RE

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\SOM2WLM070219S.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	2.160	37	42	49	rBV4	5754	14206	1.38%	0.187%
2	2.349	67	73	83	rVB	66214	118663	11.52%	1.558%
3	2.879	154	160	174	rVB	41240	107206	10.41%	1.407%
4	3.373	238	241	248	rVB5	1919	4079	0.40%	0.054%
5	3.495	258	261	262	rBV2	753	909	0.09%	0.012%
6	3.532	262	267	273	rVV	3269	7349	0.71%	0.096%
7	3.684	286	292	293	rBV4	1082	1837	0.18%	0.024%
8	3.849	314	319	321	rBV5	1331	1912	0.19%	0.025%
9	4.019	334	347	359	rBV	100766	339542	32.97%	4.458%
10	4.397	400	409	413	rBV6	2506	6921	0.67%	0.091%
11	4.519	428	429	433	rVB3	659	542	0.05%	0.007%
12	4.580	436	439	440	rBV3	685	900	0.09%	0.012%
13	4.781	470	472	475	rVB3	519	551	0.05%	0.007%
14	4.903	483	492	493	rBV4	8032	13692	1.33%	0.180%
15	5.293	555	556	560	rVB2	578	619	0.06%	0.008%
16	5.330	560	562	565	rBV2	449	604	0.06%	0.008%
17	5.428	570	578	579	rBV6	1402	3072	0.30%	0.040%
18	5.745	628	630	633	rVV3	437	623	0.06%	0.008%
19	5.781	633	636	637	rVV3	674	798	0.08%	0.010%
20	5.830	640	644	647	rVV3	361	700	0.07%	0.009%
21	5.940	652	662	672	rVV3	7112	22617	2.20%	0.297%
22	6.872	811	815	818	rBV2	392	554	0.05%	0.007%
23	6.976	821	832	840	rBV5	6811	21637	2.10%	0.284%
24	7.074	840	848	866	rBV	33903	108006	10.49%	1.418%
25	7.409	900	903	904	rBV3	832	977	0.09%	0.013%
26	7.427	904	906	908	rVV3	1371	1361	0.13%	0.018%
27	7.482	912	915	918	rBV3	704	925	0.09%	0.012%
28	7.647	931	942	957	rBV	171368	425848	41.35%	5.591%
29	7.823	969	971	975	rBV2	400	555	0.05%	0.007%
30	7.921	984	987	988	rBV2	547	639	0.06%	0.008%
31	8.275	1035	1045	1060	rBV2	343907	1029817	100.00%	13.520%
32	8.396	1063	1065	1071	rVB7	802	1131	0.11%	0.015%
33	8.531	1084	1087	1089	rBV4	457	593	0.06%	0.008%
34	8.707	1110	1116	1124	rVV3	2622	6050	0.59%	0.079%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011259.D
 Acq On : 15 Jul 2019 14:21
 Operator : SY/VA
 Sample : K3760-08RE
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Y8RE

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\SOM2WLM070219S.M
 Title : VOC Analysis

35	8.842	1128	1138	1151	rBV	365169	719837	69.90%	9.451%
36	9.031	1167	1169	1170	rVV2	851	817	0.08%	0.011%
37	9.079	1170	1177	1181	rVV8	2381	5901	0.57%	0.077%
38	9.274	1199	1209	1219	rBV	252542	516231	50.13%	6.778%
39	9.341	1219	1220	1224	rVV2	1807	2125	0.21%	0.028%
40	9.469	1237	1241	1244	rVB2	576	958	0.09%	0.013%
41	9.598	1258	1262	1263	rBV3	547	688	0.07%	0.009%
42	9.652	1266	1271	1275	rBV4	2273	4105	0.40%	0.054%
43	9.945	1317	1319	1326	rVB4	451	678	0.07%	0.009%
44	10.030	1326	1333	1343	rBV	101140	188447	18.30%	2.474%
45	10.122	1345	1348	1357	rVB4	2018	4012	0.39%	0.053%
46	10.201	1357	1361	1366	rVB4	439	686	0.07%	0.009%
47	10.323	1372	1381	1389	rBV	424100	744085	72.25%	9.769%
48	10.384	1389	1391	1395	rVV5	3535	5886	0.57%	0.077%
49	10.427	1395	1398	1403	rVV4	6553	10196	0.99%	0.134%
50	10.506	1406	1411	1416	rVV2	2579	4511	0.44%	0.059%
51	10.579	1416	1423	1431	rVB	65286	114752	11.14%	1.507%
52	10.701	1437	1443	1448	rBV3	2200	4656	0.45%	0.061%
53	10.750	1448	1451	1454	rVB5	628	1018	0.10%	0.013%
54	10.780	1454	1456	1458	rVB2	635	582	0.06%	0.008%
55	10.927	1473	1480	1491	rBV	103175	183405	17.81%	2.408%
56	11.024	1491	1496	1501	rBV	49073	76928	7.47%	1.010%
57	11.408	1556	1559	1563	rVB3	392	610	0.06%	0.008%
58	11.628	1586	1595	1604	rBV	414256	711269	69.07%	9.338%
59	11.731	1609	1612	1616	rVB3	1448	2409	0.23%	0.032%
60	11.792	1618	1622	1624	rBV2	700	944	0.09%	0.012%
61	11.841	1624	1630	1639	rVB	99072	146752	14.25%	1.927%
62	12.018	1655	1659	1665	rBV4	912	2137	0.21%	0.028%
63	12.176	1678	1685	1692	rVB6	5686	13448	1.31%	0.177%
64	12.249	1694	1697	1702	rVB7	808	1372	0.13%	0.018%
65	12.365	1710	1716	1723	rVB3	4022	7420	0.72%	0.097%
66	12.469	1727	1733	1742	rBV	50692	86105	8.36%	1.130%
67	12.566	1745	1749	1750	rBV3	1104	1389	0.13%	0.018%
68	12.609	1750	1756	1761	rBV3	5319	10751	1.04%	0.141%
69	12.695	1763	1770	1783	rVB	159635	315537	30.64%	4.143%
70	12.871	1796	1799	1803	rBV3	1076	1551	0.15%	0.020%
71	12.932	1803	1809	1811	rBV2	6288	9311	0.90%	0.122%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011259.D
 Acq On : 15 Jul 2019 14:21
 Operator : SY/VA
 Sample : K3760-08RE
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Y8RE

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\SOM2WLM070219S.M
 Title : VOC Analysis

72	12.969	1811	1815	1820	rVB	10992	16578	1.61%	0.218%
73	13.030	1820	1825	1831	rVB6	3127	6074	0.59%	0.080%
74	13.085	1831	1834	1835	rBV3	609	628	0.06%	0.008%
75	13.158	1835	1846	1849	rBV4	6777	12597	1.22%	0.165%
76	13.213	1849	1855	1862	rBV	259354	376085	36.52%	4.938%
77	13.286	1862	1867	1877	rVB	67262	106860	10.38%	1.403%
78	13.469	1893	1897	1904	rVB8	7263	13958	1.36%	0.183%
79	13.560	1905	1912	1919	rVV	301984	484459	47.04%	6.360%
80	13.652	1922	1927	1934	rVV2	5471	9775	0.95%	0.128%
81	13.707	1934	1936	1942	rVB7	1344	2226	0.22%	0.029%
82	13.853	1953	1960	1967	rBV	239524	387786	37.66%	5.091%
83	13.999	1979	1984	1988	rBV8	890	2173	0.21%	0.029%
84	14.072	1992	1996	2002	rBV2	3502	6132	0.60%	0.081%
85	14.121	2002	2004	2006	rBV3	767	828	0.08%	0.011%
86	14.328	2031	2038	2041	rBV6	2068	4049	0.39%	0.053%
87	14.426	2049	2054	2057	rBV6	1502	2829	0.27%	0.037%
88	14.530	2063	2071	2077	rVB7	7422	17787	1.73%	0.234%
89	14.700	2095	2099	2100	rBV3	1129	1613	0.16%	0.021%
90	14.725	2100	2103	2110	rVB4	5406	7591	0.74%	0.100%
91	15.066	2158	2159	2161	rBV2	564	529	0.05%	0.007%
92	15.139	2166	2171	2177	rBV6	843	1621	0.16%	0.021%
93	15.194	2177	2180	2181	rBV3	697	684	0.07%	0.009%
94	15.286	2194	2195	2196	rBV	1001	549	0.05%	0.007%
95	15.322	2200	2201	2209	rVV5	910	1705	0.17%	0.022%
96	15.560	2236	2240	2244	rBV4	645	1202	0.12%	0.016%
97	15.712	2261	2265	2267	rBV4	546	631	0.06%	0.008%
98	16.401	2376	2378	2381	rBV3	740	685	0.07%	0.009%
99	16.682	2420	2424	2426	rBV3	743	1159	0.11%	0.015%
100	16.749	2432	2435	2438	rBV4	564	1071	0.10%	0.014%

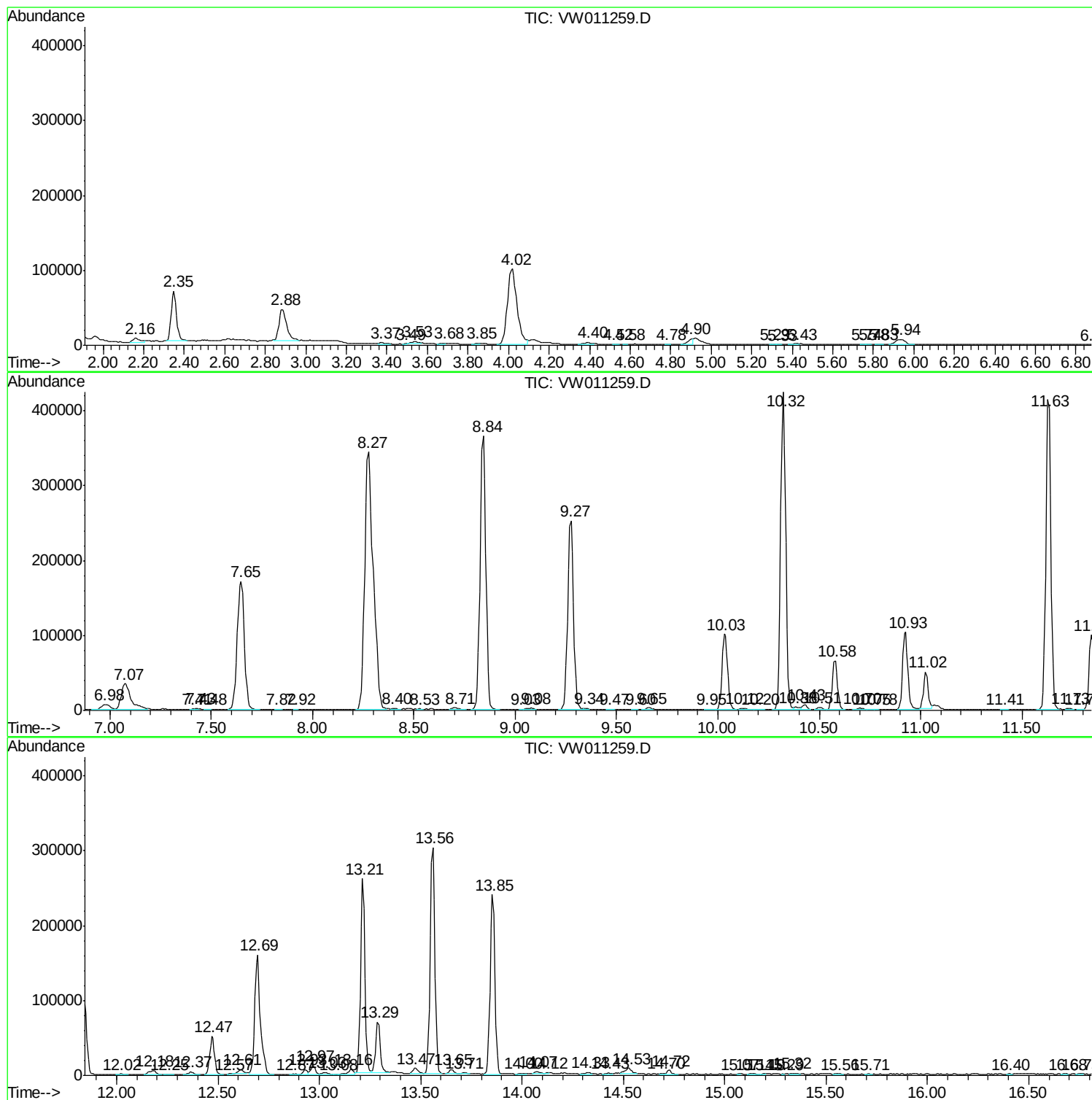
Sum of corrected areas: 7616808

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011259.D
Acq On : 15 Jul 2019 14:21
Operator : SY/VA
Sample : K3760-08RE
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011259.D
Acq On : 15 Jul 2019 14:21
Operator : SY/VA
Sample : K3760-08RE
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

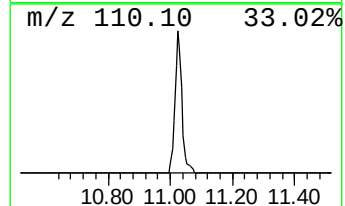
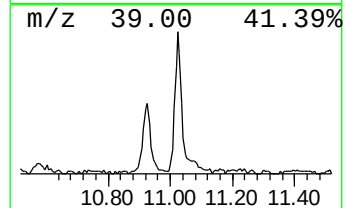
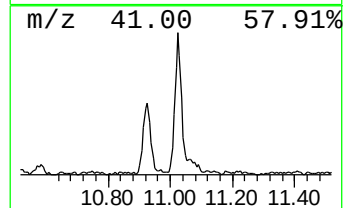
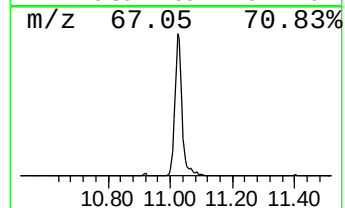
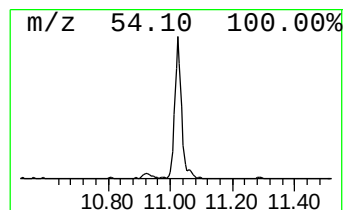
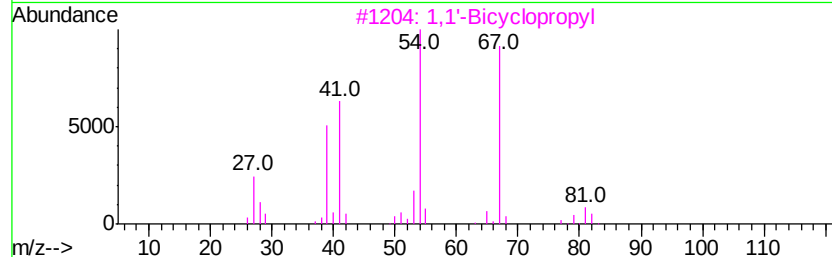
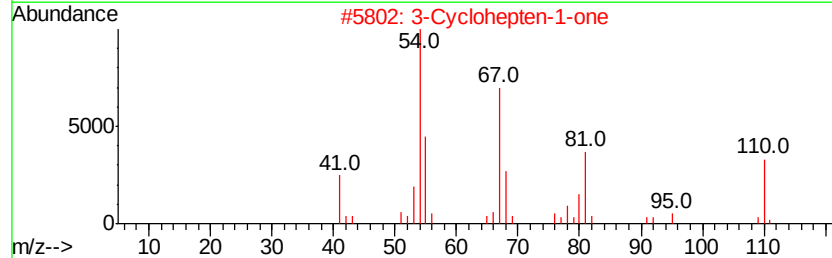
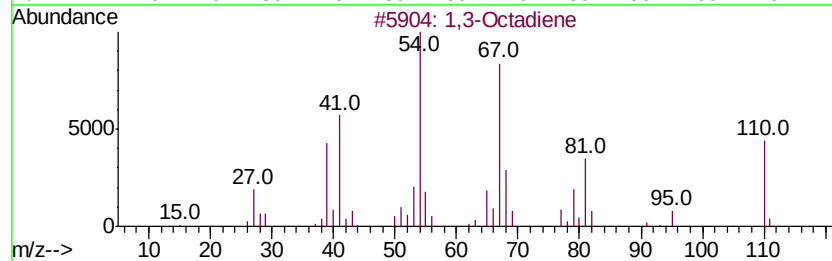
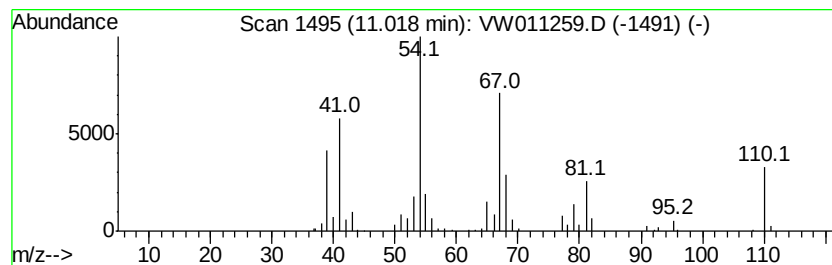
Instrument :
MSVOA_W
ClientSampleId :
DB8Y8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 2 1,3-Octadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.02	2.70 ug/L	76928	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Octadiene	110	C8H14	001002-33-1	97
2	3-Cyclohepten-1-one	110	C7H10O	001121-64-8	91
3	1,1'-Bicyclopropyl	82	C6H10	005685-46-1	80
4	Cyclobutane, 1,2-diethenyl-	108	C8H12	002422-85-7	80
5	1,2-Nonadiene	124	C9H16	022433-33-6	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011259.D
Acq On : 15 Jul 2019 14:21
Operator : SY/VA
Sample : K3760-08RE
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

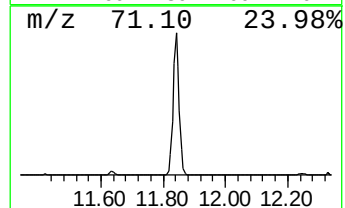
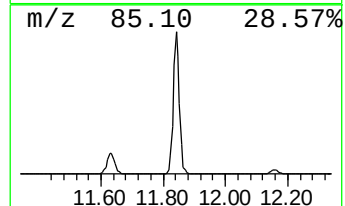
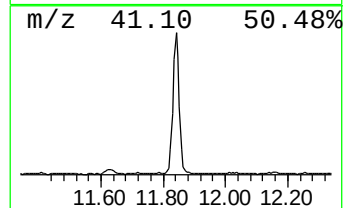
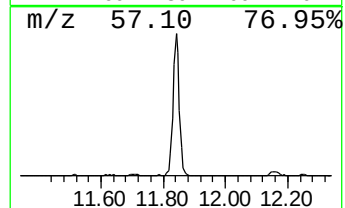
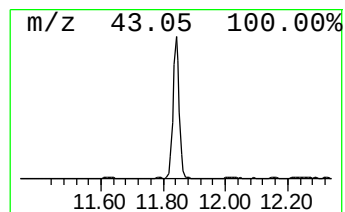
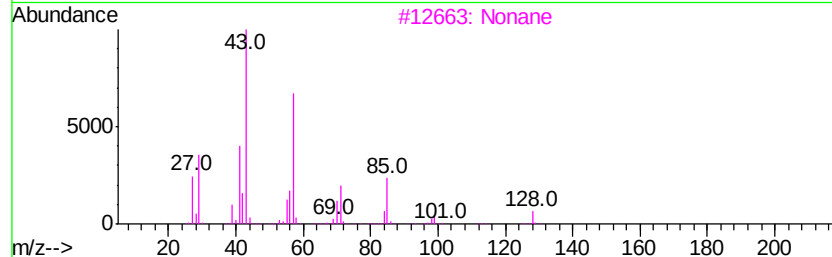
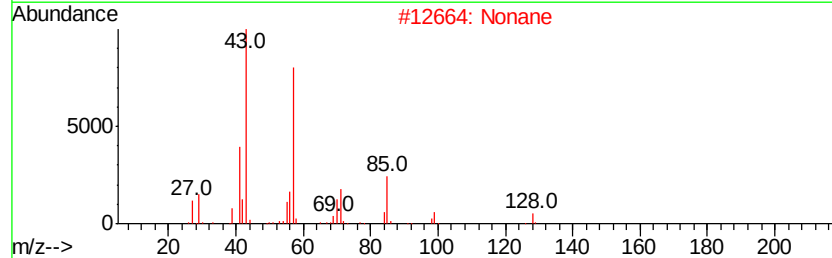
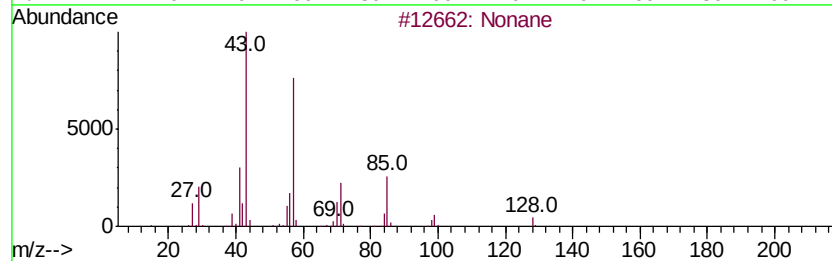
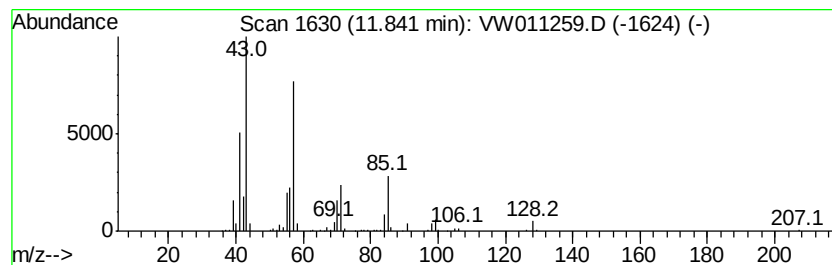
Instrument :
MSVOA_W
ClientSampleId :
DB8Y8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.84	5.16 ug/L	146752	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	90
3	Nonane	128	C9H20	000111-84-2	90
4	Octane	114	C8H18	000111-65-9	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011259.D
Acq On : 15 Jul 2019 14:21
Operator : SY/VA
Sample : K3760-08RE
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y8RE

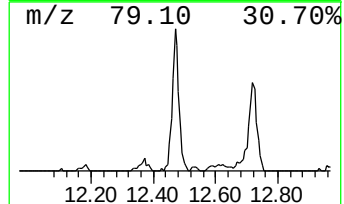
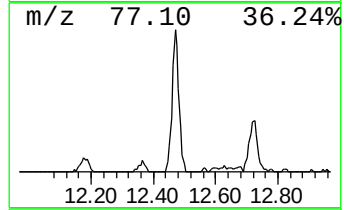
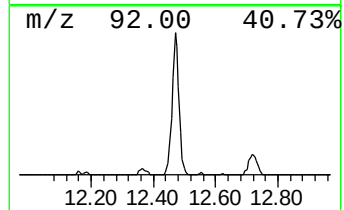
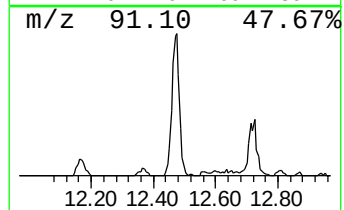
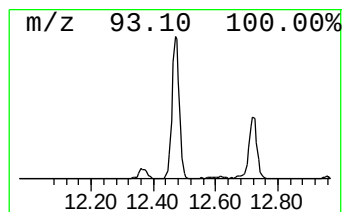
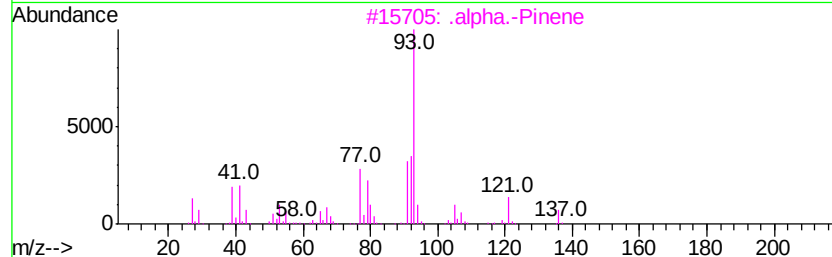
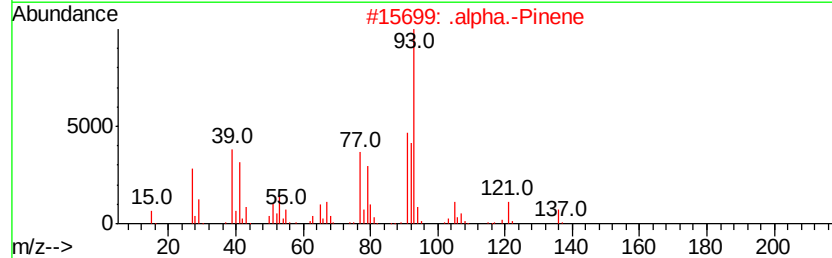
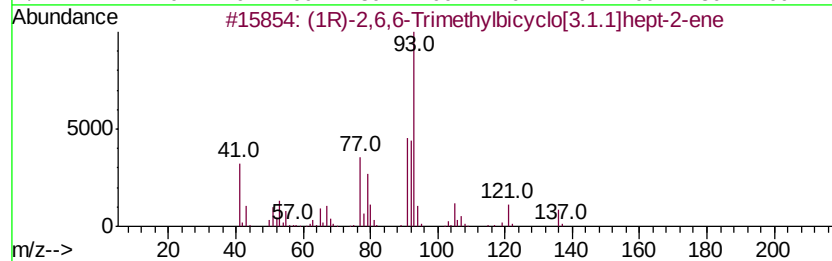
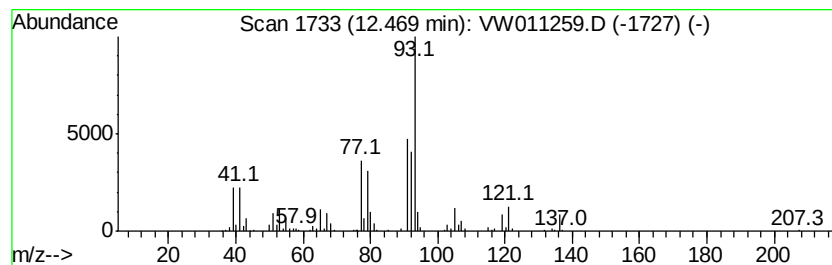
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 4 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.03 ug/L	86105	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	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011259.D
Acq On : 15 Jul 2019 14:21
Operator : SY/VA
Sample : K3760-08RE
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y8RE

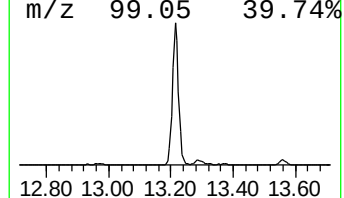
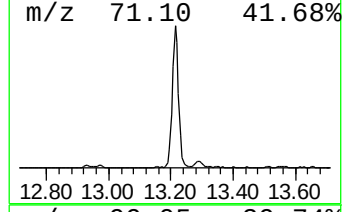
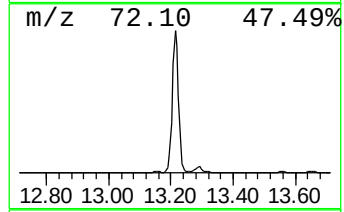
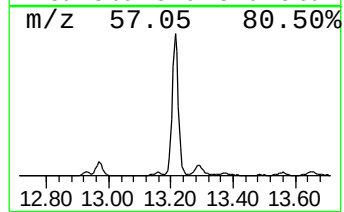
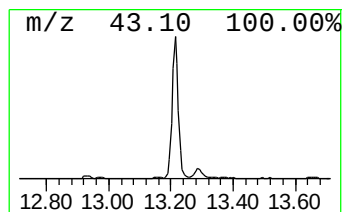
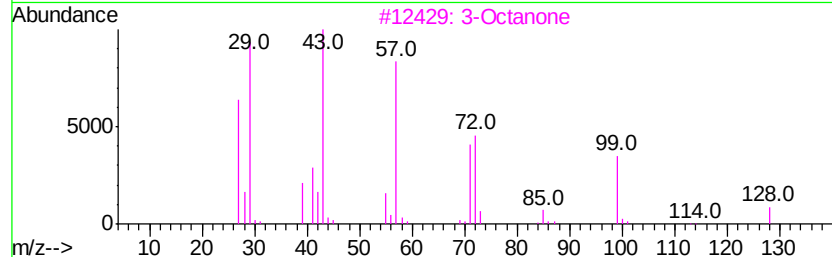
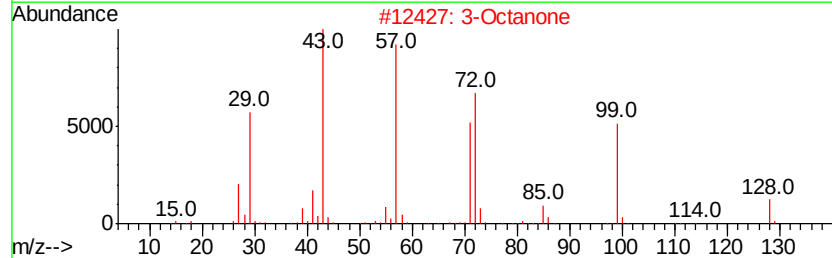
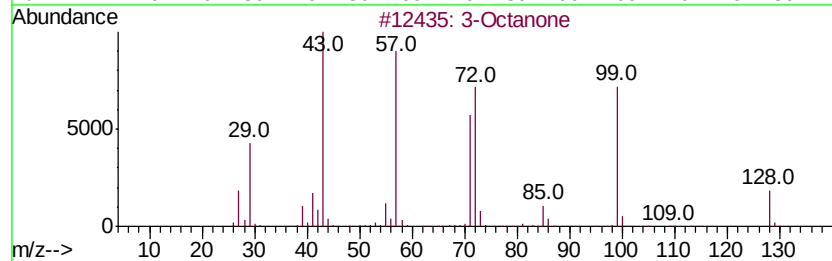
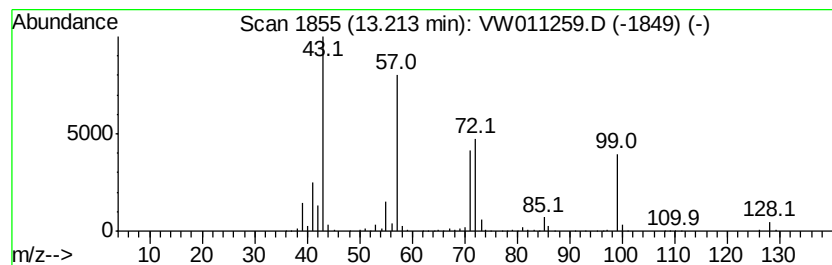
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 5 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	19.41 ug/L	376085	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanone	128	C8H16O	000106-68-3	94
2		3-Octanone	128	C8H16O	000106-68-3	87
3		3-Octanone	128	C8H16O	000106-68-3	64
4		3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	56
5		Ethanone, 1-(3,3-dimethyloxiranyl)-	114	C6H10O2	004478-63-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071519\
Data File : VW011259.D
Acq On : 15 Jul 2019 14:21
Operator : SY/VA
Sample : K3760-08RE
Misc : 5.08G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

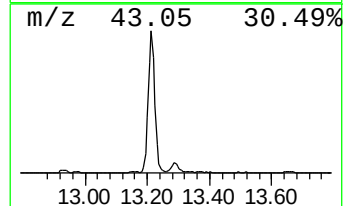
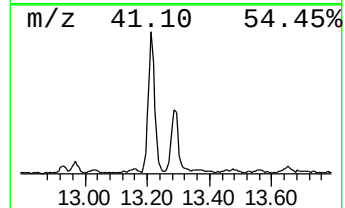
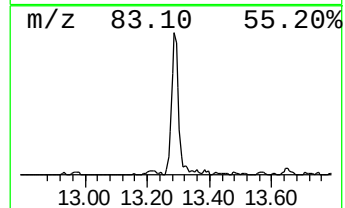
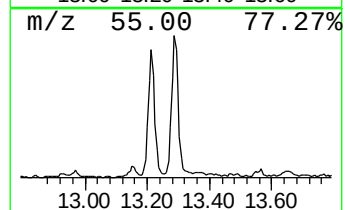
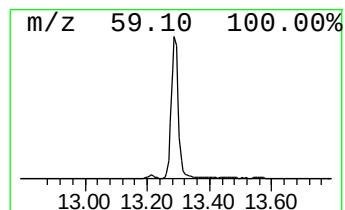
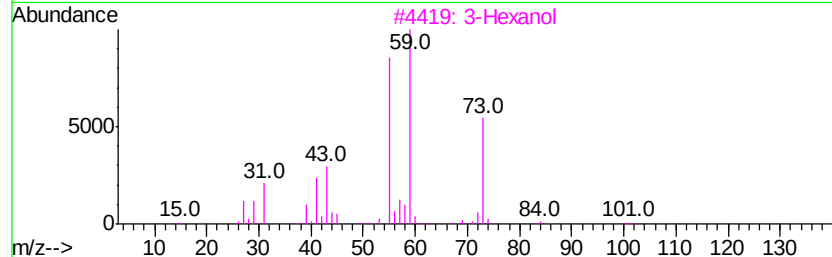
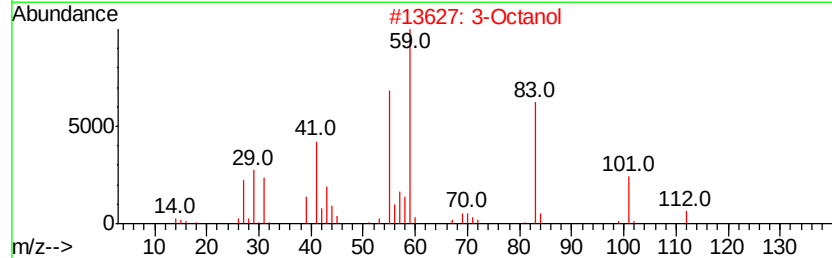
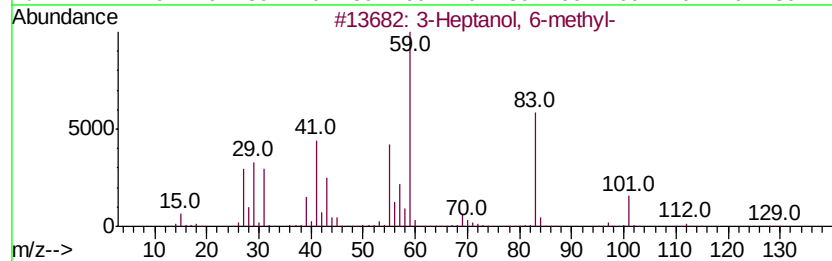
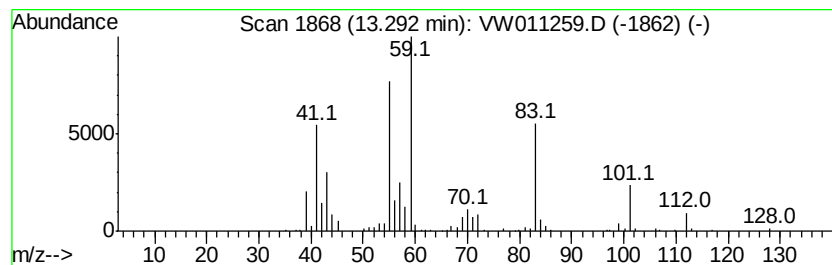
Instrument :
MSVOA_W
ClientSampleId :
DB8Y8RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 6 3-Heptanol, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.51 ug/L	106860	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Heptanol, 6-methyl-	130 C8H18O	018720-66-6	72
2	3-Octanol	130 C8H18O	000589-98-0	64
3	3-Hexanol	102 C6H14O	000623-37-0	43
4	3-Hexanol	102 C6H14O	000623-37-0	43
5	Hexane, 3-methyl-4-methylene-	112 C8H16	003404-67-9	41



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071519\
Data File : VW011259.D
Acq On : 15 Jul 2019 14:21
Operator : SY/VA
Sample : K3760-08RE
Misc : 5.08G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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
1,3-Octadiene	11.02	2.7	ug/L	76928	2	11.63	711269	25.0
(DEL) Alkane: Str...	11.84	5.2	ug/L	146752	2	11.63	711269	25.0
(1R)-2,6,6-Trimet...	12.47	3.0	ug/L	86105	2	11.63	711269	25.0
3-Octanone	13.21	19.4	ug/L	376085	3	13.56	484459	25.0
3-Heptanol, 6-met...	13.29	5.5	ug/L	106860	3	13.56	484459	25.0