

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
 Data File : VW011623.D
 Acq On : 02 Aug 2019 15:16
 Operator : SY/VA
 Sample : K4116-16
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLLE8

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	36	41	49	rBV2	19654	42590	3.77%	0.468%
2	2.349	67	73	84	rVB	83797	147255	13.05%	1.619%
3	2.715	131	133	137	rVB5	2016	1437	0.13%	0.016%
4	2.885	153	161	174	rBV	51353	132167	11.71%	1.453%
5	3.263	219	223	224	rBV3	819	1198	0.11%	0.013%
6	3.385	239	243	244	rBV3	975	1168	0.10%	0.013%
7	3.525	263	266	268	rBV3	417	602	0.05%	0.007%
8	3.586	273	276	279	rBV5	710	898	0.08%	0.010%
9	3.678	287	291	292	rBV3	670	786	0.07%	0.009%
10	3.727	292	299	304	rVB5	1986	5374	0.48%	0.059%
11	3.867	313	322	329	rBV6	1818	5302	0.47%	0.058%
12	4.019	334	347	361	rBV	124896	404133	35.81%	4.444%
13	4.409	401	411	419	rVV4	2034	7174	0.64%	0.079%
14	4.915	479	494	506	rBV2	13339	51582	4.57%	0.567%
15	5.123	521	528	529	rBV5	1452	2722	0.24%	0.030%
16	5.379	567	570	572	rBV2	619	690	0.06%	0.008%
17	5.617	606	609	611	rBV3	505	602	0.05%	0.007%
18	5.732	625	628	631	rBV4	657	982	0.09%	0.011%
19	5.940	652	662	671	rVV6	4399	14684	1.30%	0.161%
20	6.037	673	678	679	rBV2	443	605	0.05%	0.007%
21	6.098	685	688	692	rVV3	564	976	0.09%	0.011%
22	6.177	699	701	704	rBV	560	675	0.06%	0.007%
23	6.385	730	735	737	rBV3	450	707	0.06%	0.008%
24	6.476	748	750	754	rVV2	478	591	0.05%	0.006%
25	6.903	817	820	822	rBV4	775	1056	0.09%	0.012%
26	7.080	839	849	853	rBV2	43577	119890	10.62%	1.318%
27	7.141	854	859	875	rVV	53024	145693	12.91%	1.602%
28	7.250	875	877	879	rVV2	927	882	0.08%	0.010%
29	7.269	879	880	882	rVV2	703	614	0.05%	0.007%
30	7.427	901	906	910	rBV4	850	1189	0.11%	0.013%
31	7.647	932	942	954	rVV	181295	446449	39.56%	4.910%
32	8.055	1007	1009	1012	rVB2	566	679	0.06%	0.007%
33	8.110	1012	1018	1019	rBV3	446	623	0.06%	0.007%
34	8.275	1032	1045	1062	rBV2	372185	1128460	100.00%	12.409%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
 Data File : VW011623.D
 Acq On : 02 Aug 2019 15:16
 Operator : SY/VA
 Sample : K4116-16
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLLE8

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

35	8.494	1078	1081	1084	rVB5	843	1193	0.11%	0.013%
36	8.701	1109	1115	1120	rBV7	566	1304	0.12%	0.014%
37	8.842	1129	1138	1149	rBV	346672	689277	61.08%	7.580%
38	9.000	1162	1164	1167	rVB3	679	680	0.06%	0.007%
39	9.043	1167	1171	1172	rBV2	856	966	0.09%	0.011%
40	9.067	1173	1175	1180	rVB3	1163	1683	0.15%	0.019%
41	9.274	1198	1209	1223	rBV	263563	541876	48.02%	5.959%
42	9.622	1264	1266	1268	rBV2	608	628	0.06%	0.007%
43	9.658	1268	1272	1278	rVB5	1719	3093	0.27%	0.034%
44	9.896	1304	1311	1314	rBV7	1580	3271	0.29%	0.036%
45	10.036	1322	1334	1342	rBV	127047	232990	20.65%	2.562%
46	10.110	1344	1346	1347	rVV2	970	819	0.07%	0.009%
47	10.128	1347	1349	1351	rVB3	927	737	0.07%	0.008%
48	10.213	1359	1363	1367	rBV5	2066	3756	0.33%	0.041%
49	10.323	1373	1381	1388	rBV	463645	809710	71.75%	8.904%
50	10.390	1388	1392	1397	rVB2	9215	15897	1.41%	0.175%
51	10.579	1416	1423	1432	rVV	85636	147204	13.04%	1.619%
52	10.707	1436	1444	1450	rBV2	17141	32222	2.86%	0.354%
53	10.860	1462	1469	1473	rVV4	2442	5293	0.47%	0.058%
54	10.927	1473	1480	1493	rVV	159207	281224	24.92%	3.093%
55	11.024	1493	1496	1498	rVV4	2475	3875	0.34%	0.043%
56	11.067	1498	1503	1515	rVV	26865	50141	4.44%	0.551%
57	11.170	1515	1520	1525	rVV6	2781	5403	0.48%	0.059%
58	11.280	1534	1538	1540	rVB3	500	621	0.06%	0.007%
59	11.347	1546	1549	1552	rVB4	543	746	0.07%	0.008%
60	11.396	1554	1557	1558	rBV	1394	1170	0.10%	0.013%
61	11.439	1561	1564	1571	rVB2	5389	8074	0.72%	0.089%
62	11.634	1587	1596	1608	rBV	411252	710889	63.00%	7.818%
63	11.731	1610	1612	1616	rVB5	1276	1518	0.13%	0.017%
64	11.841	1624	1630	1633	rBV5	2957	5452	0.48%	0.060%
65	12.170	1680	1684	1689	rVB6	2210	3964	0.35%	0.044%
66	12.469	1728	1733	1741	rVB6	2770	5275	0.47%	0.058%
67	12.609	1749	1756	1762	rVB	23521	39688	3.52%	0.436%
68	12.695	1762	1770	1777	rBV	178420	296720	26.29%	3.263%
69	12.762	1777	1781	1783	rBV5	1277	1432	0.13%	0.016%
70	12.865	1797	1798	1801	rVB2	934	788	0.07%	0.009%
71	12.938	1804	1810	1819	rVB3	7244	13176	1.17%	0.145%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
 Data File : VW011623.D
 Acq On : 02 Aug 2019 15:16
 Operator : SY/VA
 Sample : K4116-16
 Misc : 4.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLLE8

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

72	13.005	1819	1821	1823	rBV3	652	697	0.06%	0.008%
73	13.036	1823	1826	1830	rBV5	1593	2380	0.21%	0.026%
74	13.079	1830	1833	1838	rVB5	1099	1226	0.11%	0.013%
75	13.158	1838	1846	1850	rBV	150718	255368	22.63%	2.808%
76	13.213	1850	1855	1863	rVV	731069	1068724	94.71%	11.753%
77	13.292	1863	1868	1880	rVB2	26182	52386	4.64%	0.576%
78	13.408	1880	1887	1893	rVB2	7156	12921	1.15%	0.142%
79	13.475	1896	1898	1901	rBV3	1538	1832	0.16%	0.020%
80	13.511	1901	1904	1905	rBV3	1823	2126	0.19%	0.023%
81	13.560	1905	1912	1919	rBV	323727	524471	46.48%	5.768%
82	13.761	1940	1945	1949	rBV7	5990	10425	0.92%	0.115%
83	13.853	1953	1960	1967	rBV	286113	464196	41.14%	5.105%
84	14.011	1984	1986	1991	rBV5	1333	2010	0.18%	0.022%
85	14.072	1991	1996	2002	rVB	11476	17507	1.55%	0.193%
86	14.200	2014	2017	2021	rBV4	2081	3268	0.29%	0.036%
87	14.328	2032	2038	2041	rVV6	4228	6626	0.59%	0.073%
88	14.426	2052	2054	2059	rVB5	1729	2184	0.19%	0.024%
89	14.621	2083	2086	2088	rBV2	785	955	0.08%	0.011%
90	14.719	2100	2102	2108	rVB4	1964	2885	0.26%	0.032%
91	14.804	2113	2116	2118	rBV4	713	853	0.08%	0.009%
92	14.834	2118	2121	2122	rBV2	611	650	0.06%	0.007%
93	14.969	2141	2143	2146	rVB4	884	1025	0.09%	0.011%
94	15.115	2162	2167	2168	rBV5	939	1447	0.13%	0.016%
95	15.438	2211	2220	2226	rBV	31367	55424	4.91%	0.609%
96	15.499	2228	2230	2235	rVB5	1107	1387	0.12%	0.015%
97	15.700	2257	2263	2267	rBV7	1257	2399	0.21%	0.026%
98	15.767	2270	2274	2278	rBV6	1633	3179	0.28%	0.035%
99	16.541	2398	2401	2403	rBV3	832	785	0.07%	0.009%
100	16.706	2426	2428	2432	rVB4	974	1007	0.09%	0.011%

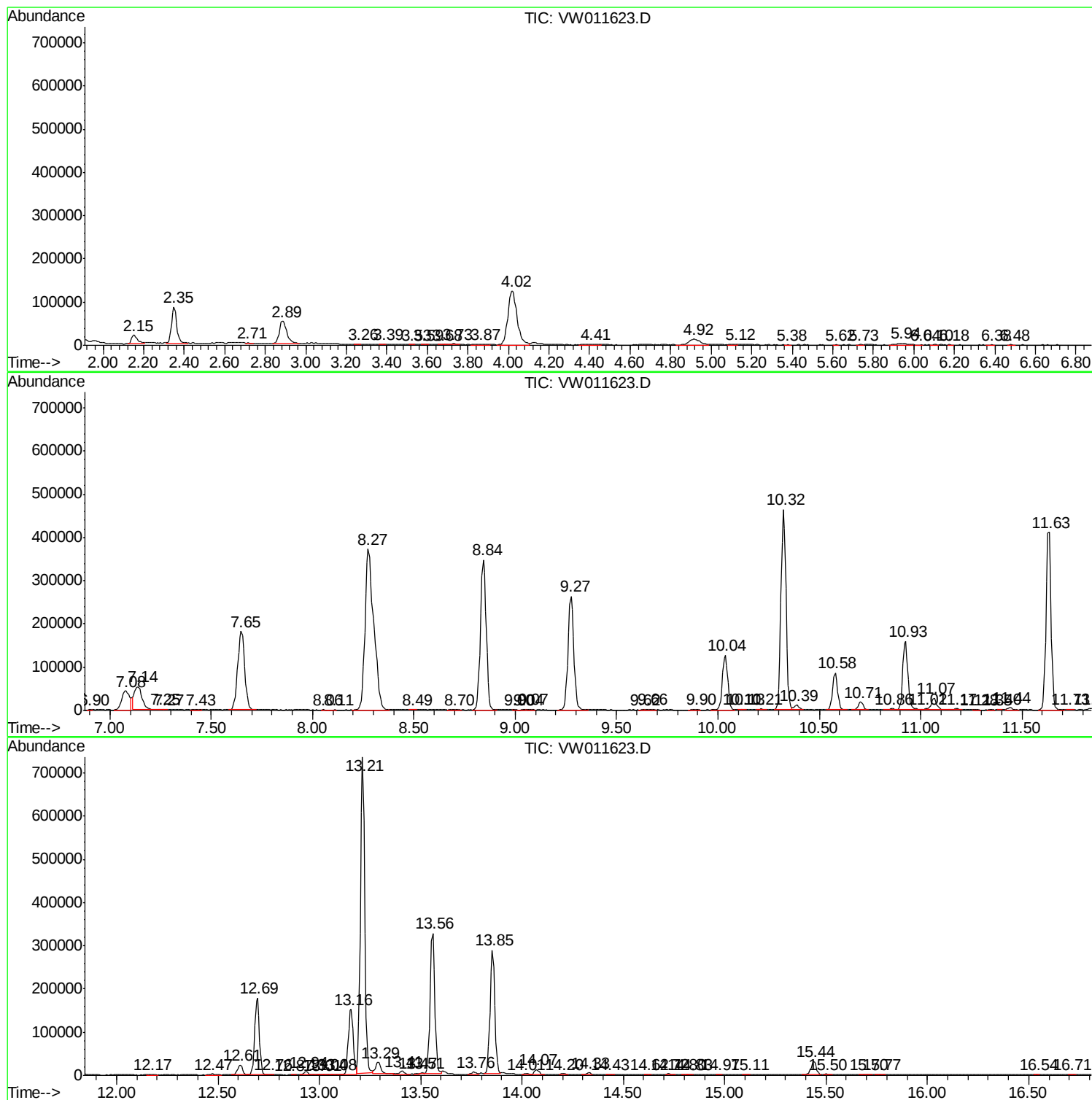
Sum of corrected areas: 9093533

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011623.D
Acq On : 02 Aug 2019 15:16
Operator : SY/VA
Sample : K4116-16
Misc : 4.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE8

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011623.D
Acq On : 02 Aug 2019 15:16
Operator : SY/VA
Sample : K4116-16
Misc : 4.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE8

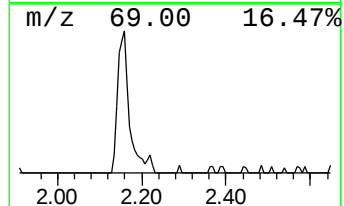
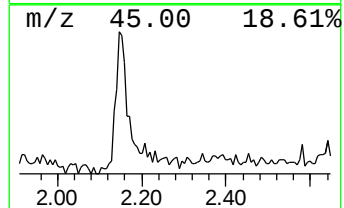
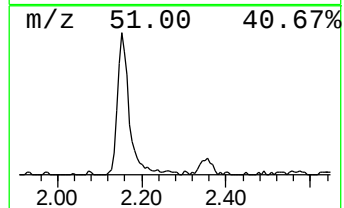
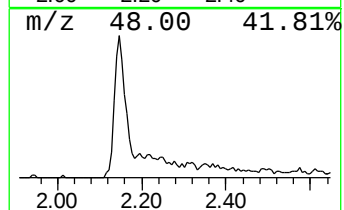
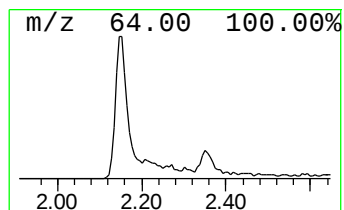
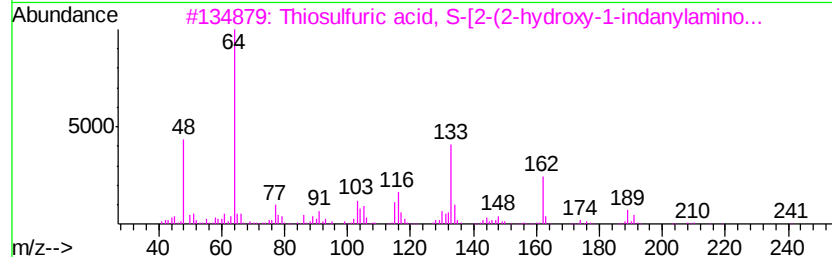
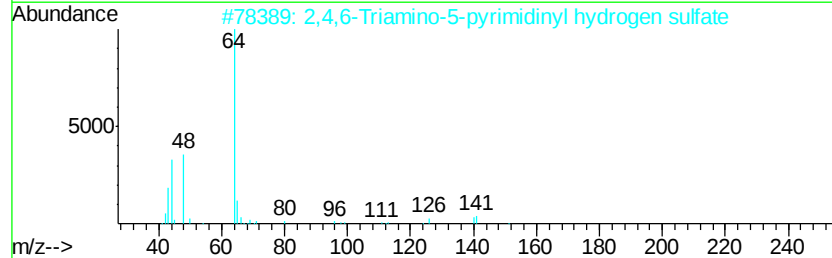
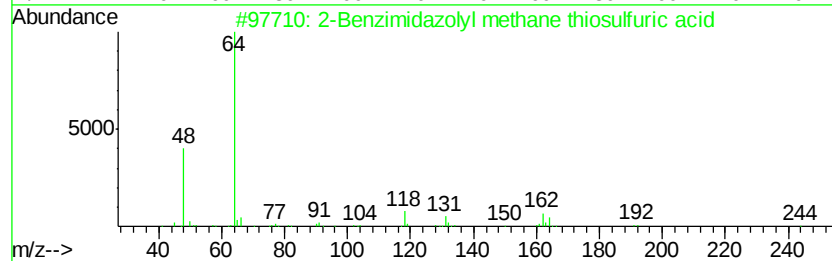
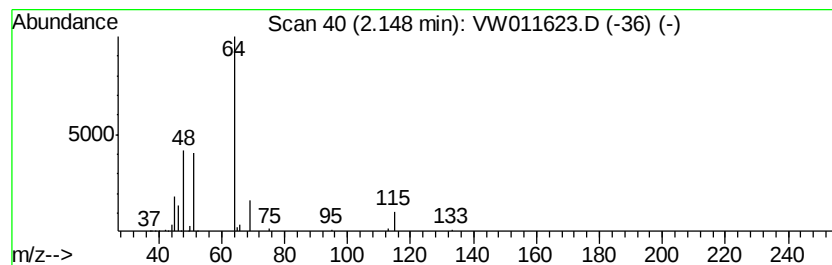
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.54 ug/L	42590	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	39
2			2,4,6-Triamino-5-pyrimidinyl hyd...	221	C4H7N5O4S	071552-23-3	9
3			Thiosulfuric acid, S-[2-(2-hydro...	289	C11H15N04S2	062209-43-2	9
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	4



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011623.D
Acq On : 02 Aug 2019 15:16
Operator : SY/VA
Sample : K4116-16
Misc : 4.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE8

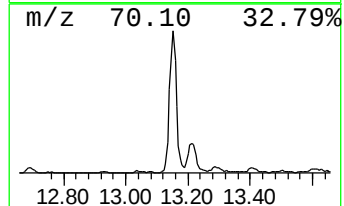
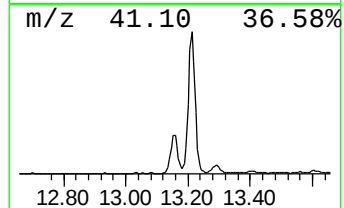
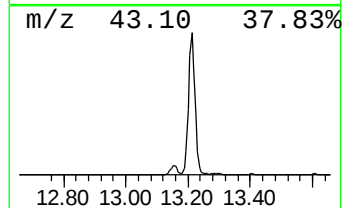
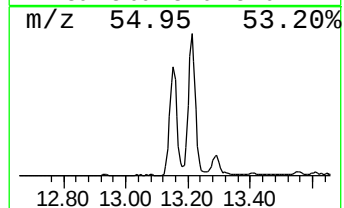
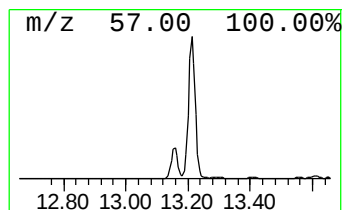
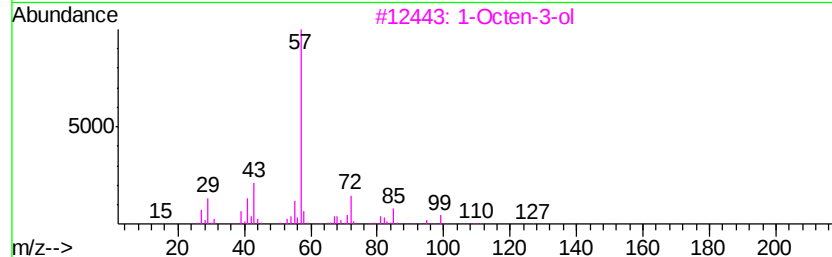
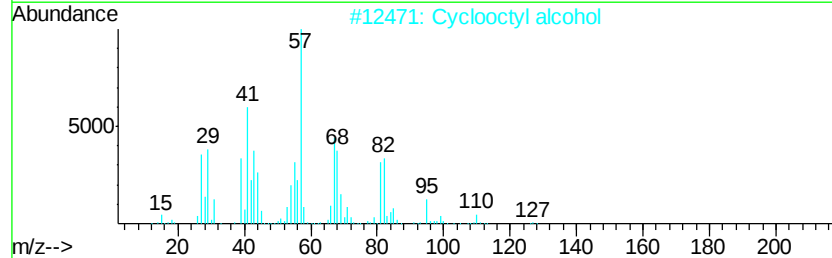
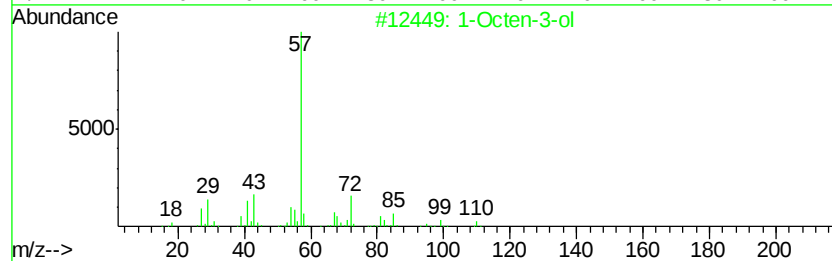
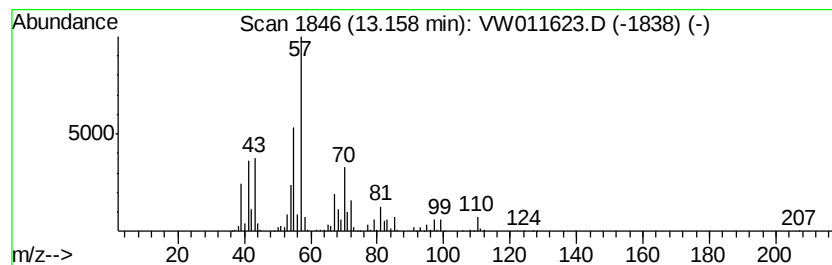
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	12.17 ug/L	255368	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octen-3-ol	128	C8H16O	003391-86-4	38
2		Cyclooctyl alcohol	128	C8H16O	000696-71-9	35
3		1-Octen-3-ol	128	C8H16O	003391-86-4	35
4		2-Octen-1-ol, (Z)-	128	C8H16O	026001-58-1	30
5		1,9-Decadiene	138	C10H18	001647-16-1	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011623.D
Acq On : 02 Aug 2019 15:16
Operator : SY/VA
Sample : K4116-16
Misc : 4.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE8

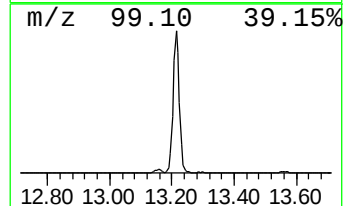
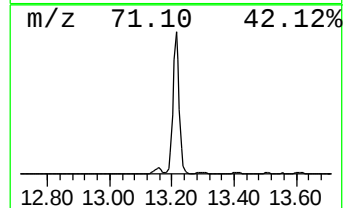
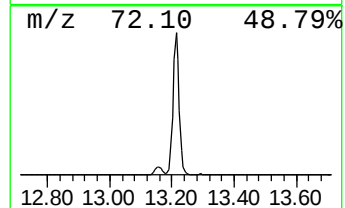
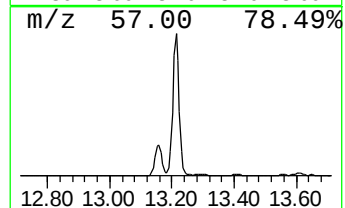
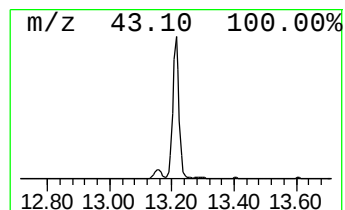
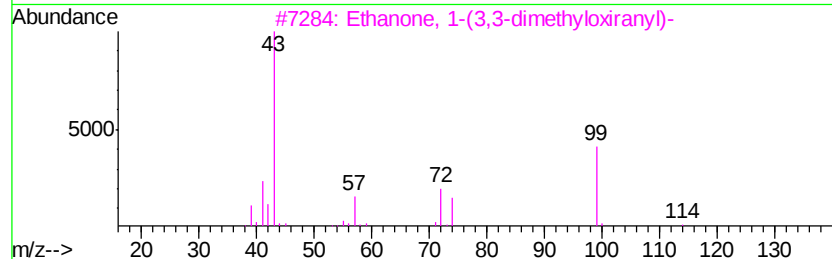
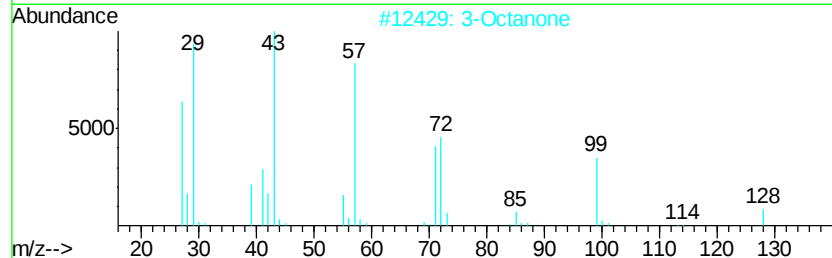
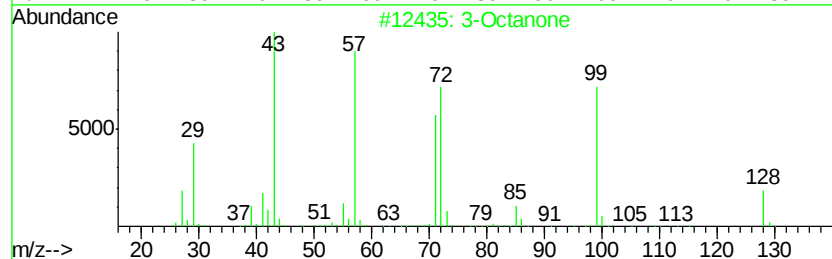
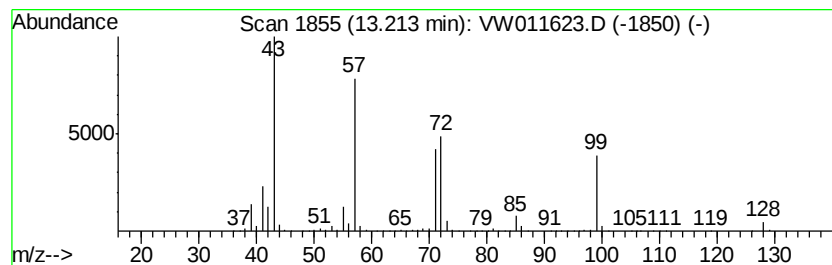
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 7 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	50.94 ug/L	1068720	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone		128	C8H16O	000106-68-3	94
2	3-Octanone		128	C8H16O	000106-68-3	50
3	Ethanone, 1-(3,3-dimethyloxiranyl)-		114	C6H10O2	004478-63-1	50
4	3-Heptanone, 5-methyl-		128	C8H16O	000541-85-5	50
5	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011623.D
Acq On : 02 Aug 2019 15:16
Operator : SY/VA
Sample : K4116-16
Misc : 4.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE8

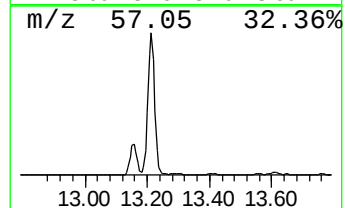
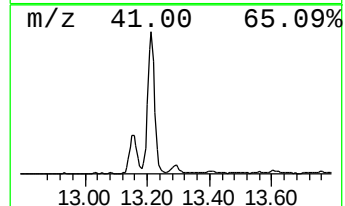
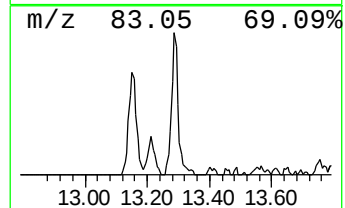
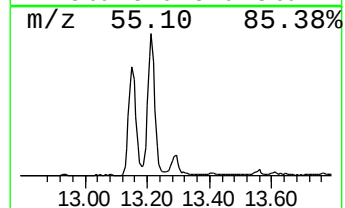
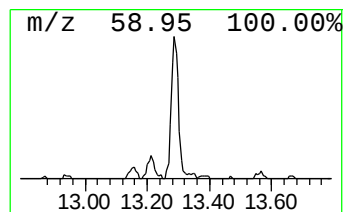
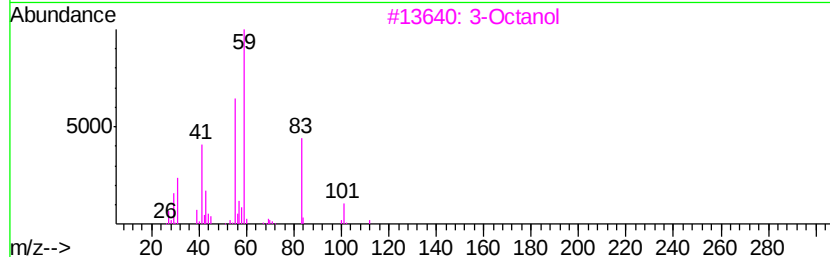
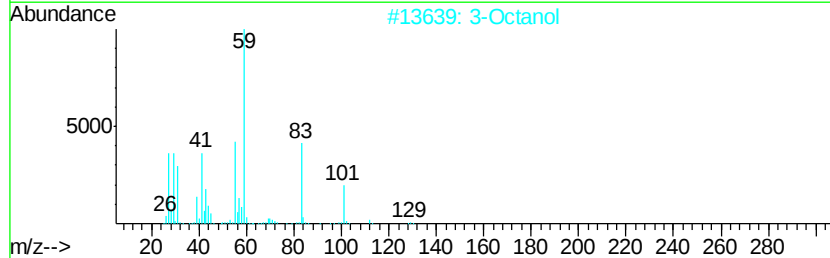
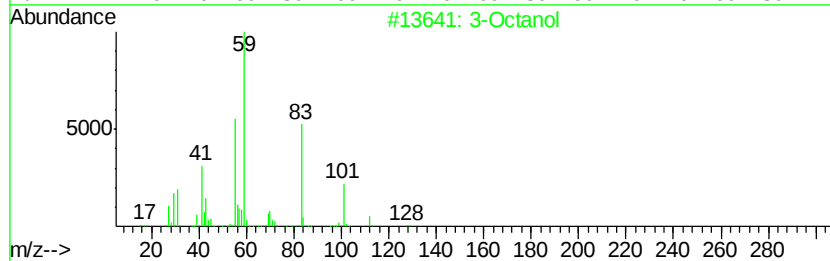
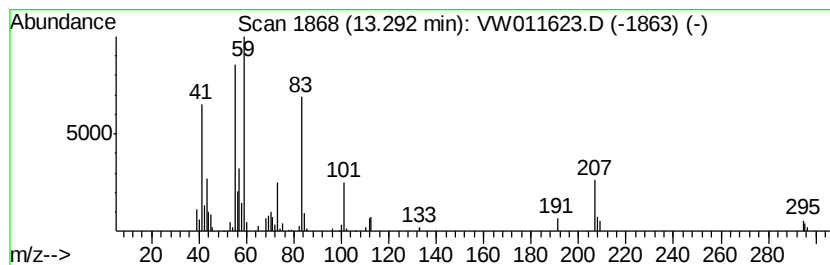
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 8 3-Octanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.50 ug/L	52386	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octanol	130	C8H18O	000589-98-0	53
2		3-Octanol	130	C8H18O	000589-98-0	50
3		3-Octanol	130	C8H18O	000589-98-0	50
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	38
5		3-Hexanol	102	C6H14O	000623-37-0	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011623.D
Acq On : 02 Aug 2019 15:16
Operator : SY/VA
Sample : K4116-16
Misc : 4.33G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE8

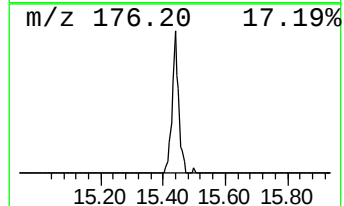
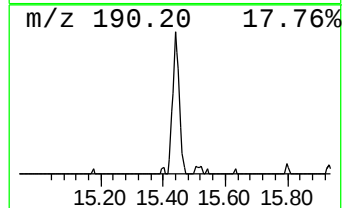
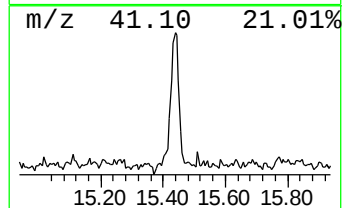
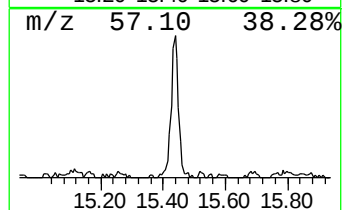
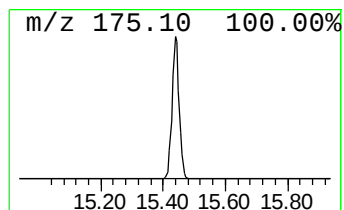
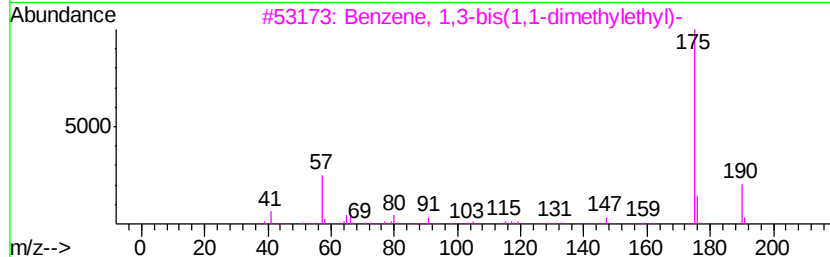
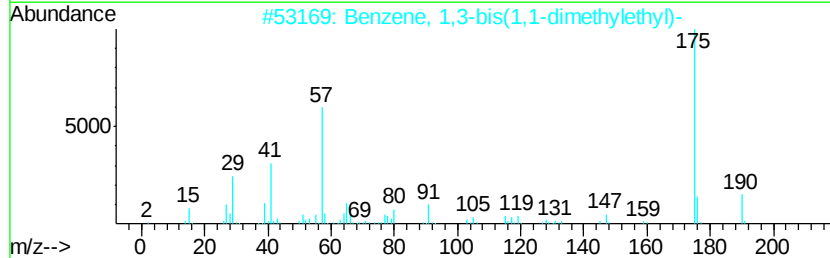
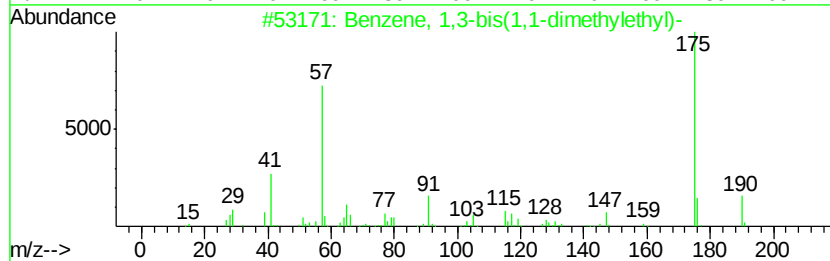
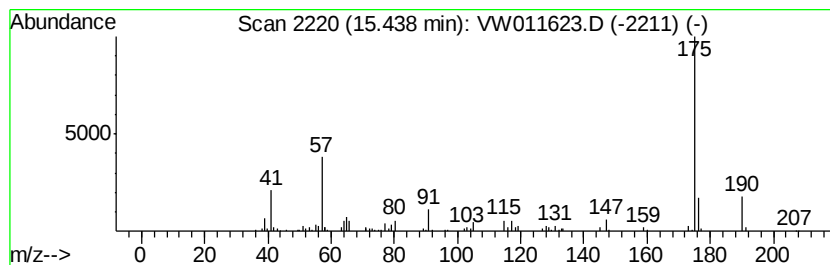
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.64 ug/L	55424	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	95
2		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4		Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
5		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080219\
Data File : VW011623.D
Acq On : 02 Aug 2019 15:16
Operator : SY/VA
Sample : K4116-16
Misc : 4.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLLE8

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
unknown-01	2.15	1.5	ug/L	42590	1	8.84	689277	25.0
unknown-02	13.16	12.2	ug/L	255368	3	13.56	524471	25.0
3-Octanone	13.21	50.9	ug/L	1068720	3	13.56	524471	25.0
3-Octanol	13.29	2.5	ug/L	52386	3	13.56	524471	25.0
Benzene, 1,3-bis(...	15.44	2.6	ug/L	55424	3	13.56	524471	25.0