

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
 Data File : VW011284.D
 Acq On : 16 Jul 2019 14:24
 Operator : SY/VA
 Sample : K3798-09
 Misc : 3.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H6

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	1.953	5	8	11	rBV2	10903	17454	1.50%	0.196%
2	2.154	38	41	45	rBV3	1788	3274	0.28%	0.037%
3	2.215	47	51	54	rVB2	2890	4885	0.42%	0.055%
4	2.349	67	73	86	rVB	69594	126184	10.86%	1.414%
5	2.489	90	96	104	rBV	32684	74715	6.43%	0.837%
6	2.879	153	160	176	rVB	44965	117902	10.15%	1.321%
7	3.385	236	243	252	rVB5	2986	8058	0.69%	0.090%
8	3.587	275	276	281	rVB4	1250	1366	0.12%	0.015%
9	3.684	289	292	294	rBV3	553	750	0.06%	0.008%
10	3.721	296	298	304	rVB5	1352	2220	0.19%	0.025%
11	3.849	313	319	323	rBV7	1830	4225	0.36%	0.047%
12	4.013	334	346	356	rBV2	111314	375534	32.33%	4.207%
13	4.117	356	363	377	rVV	66839	190596	16.41%	2.135%
14	4.269	379	388	398	rVV	17994	65893	5.67%	0.738%
15	4.385	401	407	421	rVV3	10925	34813	3.00%	0.390%
16	4.666	442	453	466	rBV	15819	48565	4.18%	0.544%
17	4.909	481	493	497	rBV5	5011	15131	1.30%	0.170%
18	5.153	524	533	534	rBV4	709	1500	0.13%	0.017%
19	5.367	564	568	570	rBV3	456	776	0.07%	0.009%
20	5.409	573	575	578	rBV4	685	609	0.05%	0.007%
21	5.678	616	619	623	rBV4	629	704	0.06%	0.008%
22	5.781	623	636	649	rBV2	13217	44112	3.80%	0.494%
23	5.928	649	660	670	rVB6	3831	12765	1.10%	0.143%
24	6.098	683	688	692	rBV4	1360	2849	0.25%	0.032%
25	6.598	763	770	774	rBV6	1668	3948	0.34%	0.044%
26	6.903	811	820	826	rBV5	3882	11908	1.03%	0.133%
27	6.982	829	833	835	rBV5	1984	2905	0.25%	0.033%
28	7.074	839	848	858	rBV2	56688	172766	14.87%	1.935%
29	7.476	910	914	916	rBV3	662	762	0.07%	0.009%
30	7.647	931	942	953	rBV	190275	470265	40.49%	5.268%
31	7.952	990	992	996	rVB4	605	641	0.06%	0.007%
32	8.275	1032	1045	1060	rBV2	383277	1161564	100.00%	13.013%
33	8.391	1060	1064	1067	rBV4	1278	2021	0.17%	0.023%
34	8.549	1083	1090	1103	rVB3	11008	27281	2.35%	0.306%

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35	8.708	1107	1116	1124	rBV6	6190	17154	1.48%	0.192%
36	8.842	1127	1138	1148	rBV	382092	764405	65.81%	8.563%
37	9.079	1167	1177	1186	rVB8	7270	19023	1.64%	0.213%
38	9.147	1186	1188	1191	rVB3	869	837	0.07%	0.009%
39	9.275	1198	1209	1225	rBV	281734	584195	50.29%	6.545%
40	9.409	1225	1231	1244	rVB3	14048	28864	2.48%	0.323%
41	9.555	1250	1255	1260	rVB4	1357	2629	0.23%	0.029%
42	9.665	1265	1273	1280	rBV3	3779	7899	0.68%	0.088%
43	10.031	1324	1333	1341	rBV	141308	251492	21.65%	2.817%
44	10.128	1342	1349	1359	rVB	61112	123407	10.62%	1.382%
45	10.323	1372	1381	1387	rBV	481841	860963	74.12%	9.645%
46	10.384	1387	1391	1400	rVB	45421	84105	7.24%	0.942%
47	10.494	1404	1409	1413	rBV5	1720	3310	0.28%	0.037%
48	10.579	1416	1423	1430	rBV	92378	161492	13.90%	1.809%
49	10.707	1437	1444	1451	rBV	9469	16712	1.44%	0.187%
50	10.847	1458	1467	1472	rVB6	3222	7925	0.68%	0.089%
51	10.921	1472	1479	1496	rBV	206469	367752	31.66%	4.120%
52	11.073	1497	1504	1517	rVV	70759	121058	10.42%	1.356%
53	11.171	1517	1520	1528	rBV6	1418	2876	0.25%	0.032%
54	11.628	1588	1595	1604	rBV	461751	786866	67.74%	8.815%
55	11.835	1619	1629	1643	rBV	25674	56950	4.90%	0.638%
56	12.170	1679	1684	1687	rBV6	1555	2496	0.21%	0.028%
57	12.213	1688	1691	1693	rBV4	1218	1498	0.13%	0.017%
58	12.341	1707	1712	1719	rVV4	7917	13617	1.17%	0.153%
59	12.402	1720	1722	1723	rVV2	1059	853	0.07%	0.010%
60	12.463	1730	1732	1734	rBV2	1036	987	0.08%	0.011%
61	12.518	1736	1741	1747	rVV3	6225	11001	0.95%	0.123%
62	12.561	1747	1748	1749	rVV	1204	752	0.06%	0.008%
63	12.609	1750	1756	1762	rVV	35407	58520	5.04%	0.656%
64	12.695	1763	1770	1779	rVB	208616	345383	29.73%	3.869%
65	12.884	1795	1801	1805	rBV5	3553	6893	0.59%	0.077%
66	12.939	1807	1810	1812	rBV3	1763	2185	0.19%	0.024%
67	13.042	1821	1827	1831	rBV6	1734	3167	0.27%	0.035%
68	13.103	1831	1837	1841	rVV5	1311	2691	0.23%	0.030%
69	13.146	1841	1844	1845	rVV2	1099	1158	0.10%	0.013%
70	13.207	1849	1854	1859	rVV	16882	30279	2.61%	0.339%
71	13.274	1861	1865	1872	rVB	7887	15004	1.29%	0.168%

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Integration Parameters: LSCINT.P

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72	13.402	1880	1886	1893	rVB4	5675	10478	0.90%	0.117%
73	13.505	1897	1903	1906	rVV3	6722	12655	1.09%	0.142%
74	13.560	1906	1912	1923	rVV	319993	530515	45.67%	5.943%
75	13.652	1923	1927	1933	rVB2	5270	8764	0.75%	0.098%
76	13.762	1942	1945	1948	rVB4	1133	1513	0.13%	0.017%
77	13.798	1948	1951	1953	rBV4	1083	1142	0.10%	0.013%
78	13.853	1953	1960	1967	rBV	271891	460375	39.63%	5.157%
79	14.024	1984	1988	1991	rBV4	1703	2326	0.20%	0.026%
80	14.072	1991	1996	2005	rVB2	20590	35841	3.09%	0.402%
81	14.231	2019	2022	2027	rVB5	1044	1942	0.17%	0.022%
82	14.329	2033	2038	2045	rVB4	6952	11507	0.99%	0.129%
83	14.463	2058	2060	2063	rVB2	1346	1196	0.10%	0.013%
84	14.505	2063	2067	2068	rBV3	1678	1769	0.15%	0.020%
85	14.524	2068	2070	2076	rVB5	2488	3847	0.33%	0.043%
86	14.633	2083	2088	2093	rBV6	1003	2093	0.18%	0.023%
87	14.694	2095	2098	2100	rBV4	1869	2202	0.19%	0.025%
88	14.792	2112	2114	2121	rVB4	1235	2399	0.21%	0.027%
89	14.859	2123	2125	2131	rVV6	943	1203	0.10%	0.013%
90	14.932	2135	2137	2139	rBV2	933	1011	0.09%	0.011%
91	15.066	2158	2159	2165	rVB5	1108	1347	0.12%	0.015%
92	15.182	2175	2178	2186	rVV6	1256	1979	0.17%	0.022%
93	15.261	2187	2191	2195	rVB5	2041	3233	0.28%	0.036%
94	15.371	2202	2209	2211	rBV4	1737	3196	0.28%	0.036%
95	15.499	2224	2230	2238	rVB	23967	43184	3.72%	0.484%
96	15.627	2250	2251	2254	rVB3	866	604	0.05%	0.007%
97	15.975	2306	2308	2313	rBV3	1518	2246	0.19%	0.025%
98	16.109	2326	2330	2331	rBV3	637	679	0.06%	0.008%
99	16.328	2362	2366	2367	rBV4	791	947	0.08%	0.011%
100	16.548	2398	2402	2403	rBV3	820	899	0.08%	0.010%

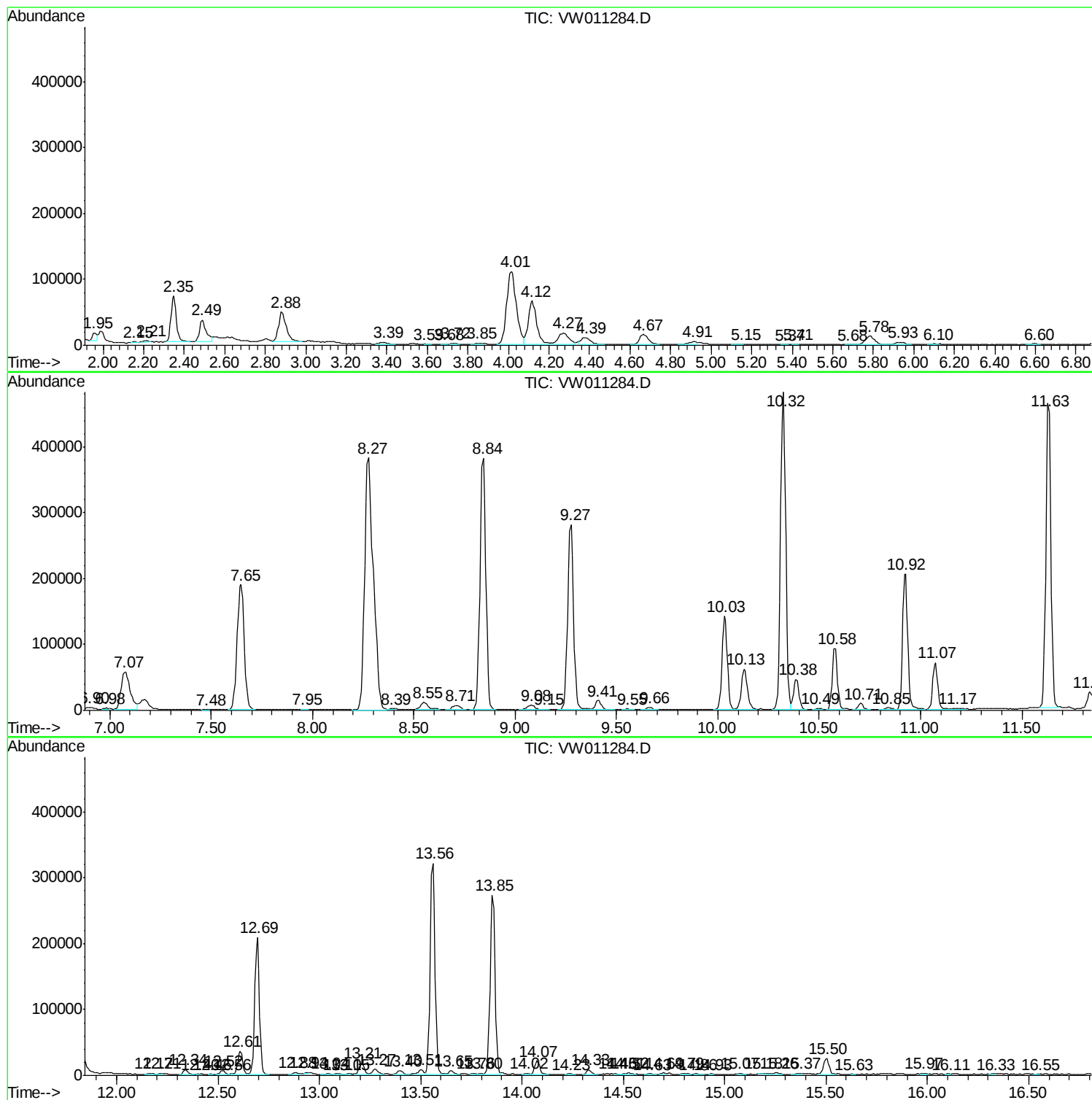
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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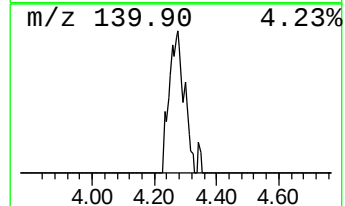
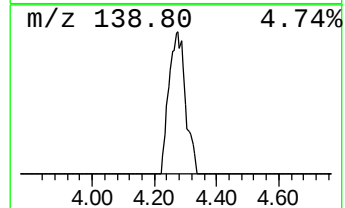
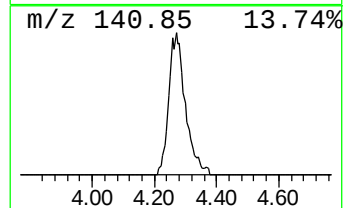
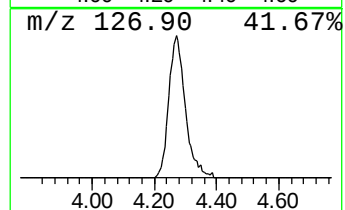
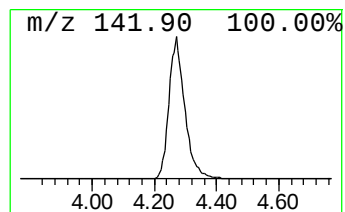
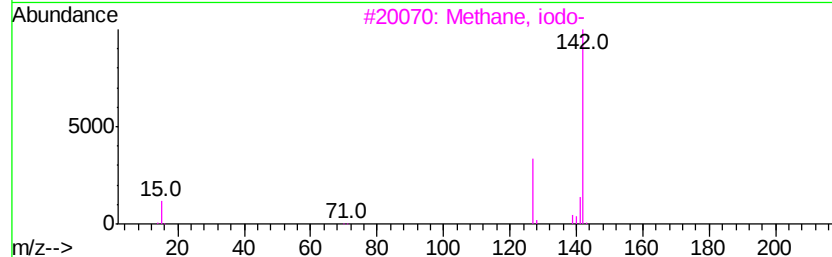
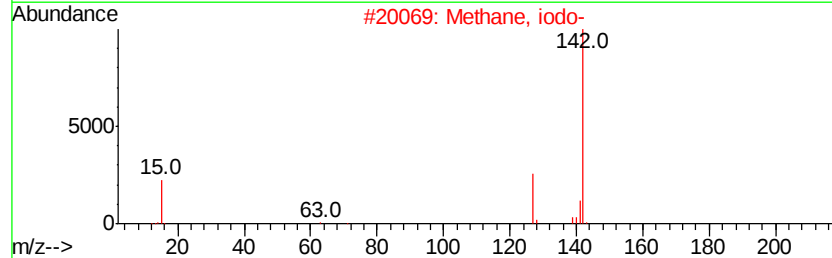
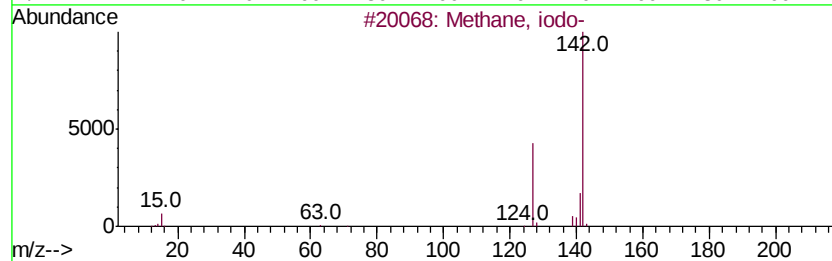
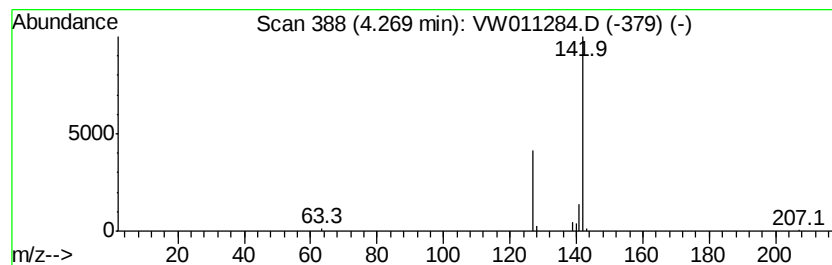
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 2 Methane, iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	2.16 ug/L	65893	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, iodo-	142	CH3I	000074-88-4	90
2		Methane, iodo-	142	CH3I	000074-88-4	83
3		Methane, iodo-	142	CH3I	000074-88-4	83
4		Ethyltrimethylammonium iodide	215	C5H14IN	000051-93-4	64
5		1,3,5-Trimethylimidazolium iodide	238	C6H11IN2	1000126-23-0	56



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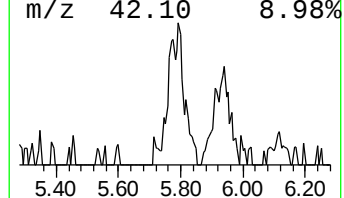
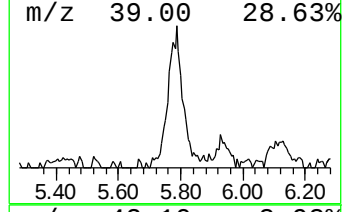
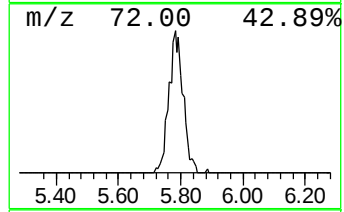
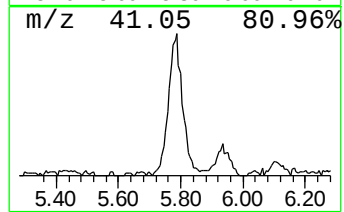
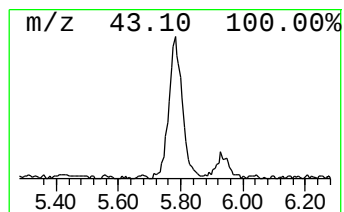
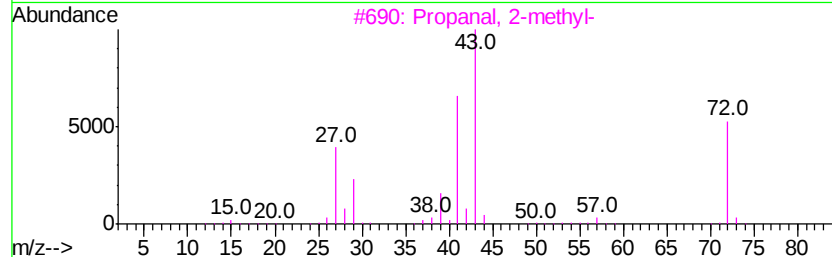
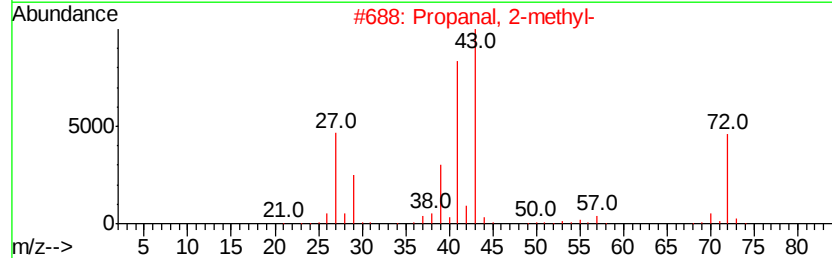
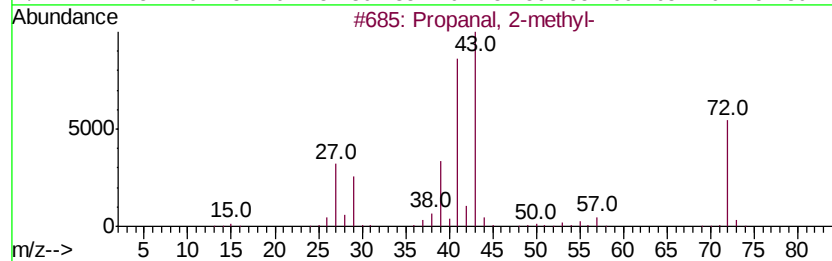
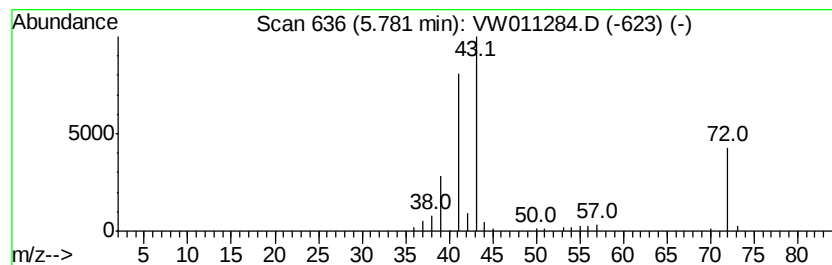
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 3 Propanal, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	1.44 ug/L	44112	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2		Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
3		Propanal, 2-methyl-	72	C4H8O	000078-84-2	64
4		Butanal	72	C4H8O	000123-72-8	50
5		Isobutylene epoxide	72	C4H8O	000558-30-5	42



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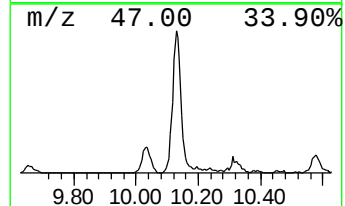
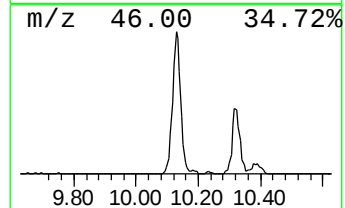
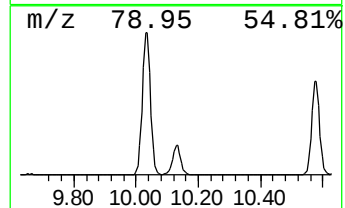
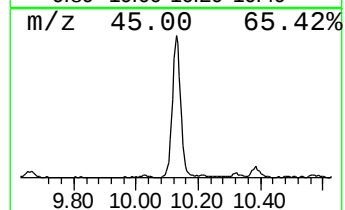
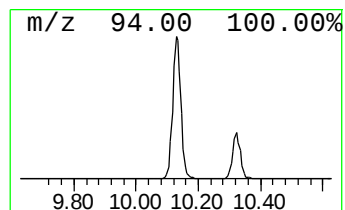
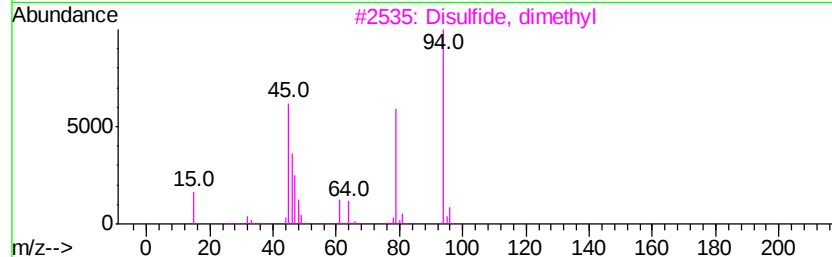
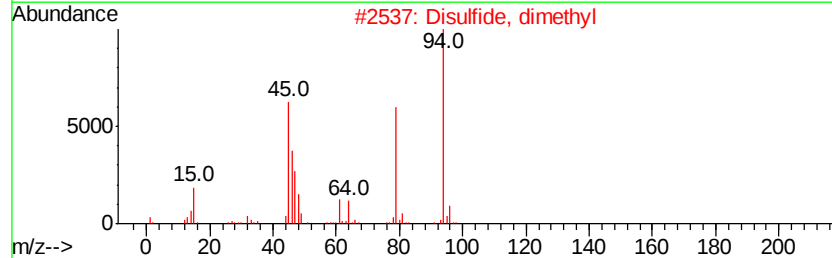
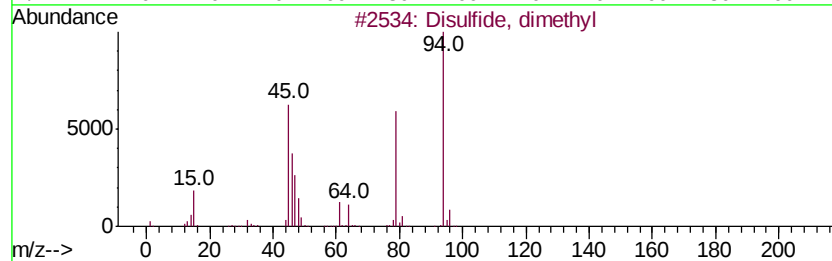
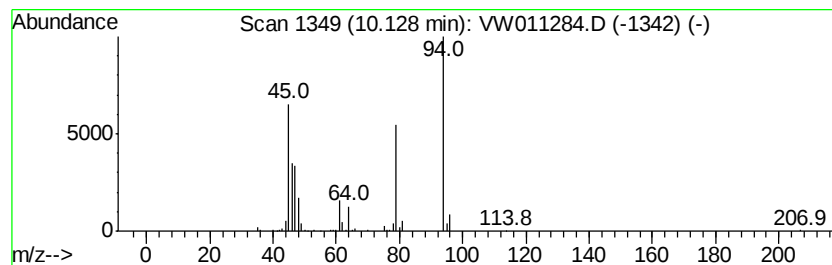
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Quant Title : VOC Analysis

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

Peak Number 5 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	4.04 ug/L	123407	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
2		Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
3		Disulfide, dimethyl	94	C2H6S2	000624-92-0	97
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011284.D
Acq On : 16 Jul 2019 14:24
Operator : SY/VA
Sample : K3798-09
Misc : 3.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6

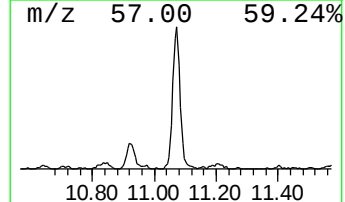
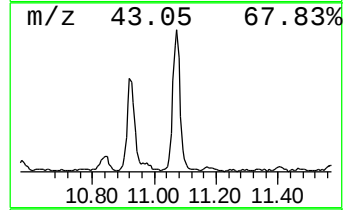
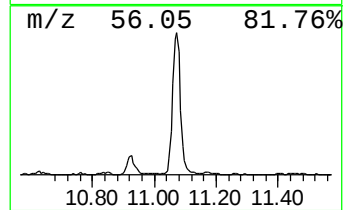
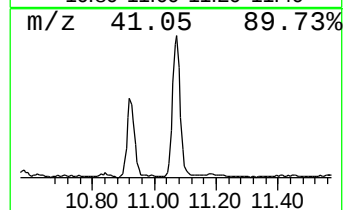
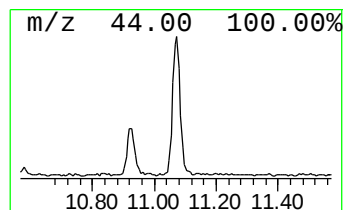
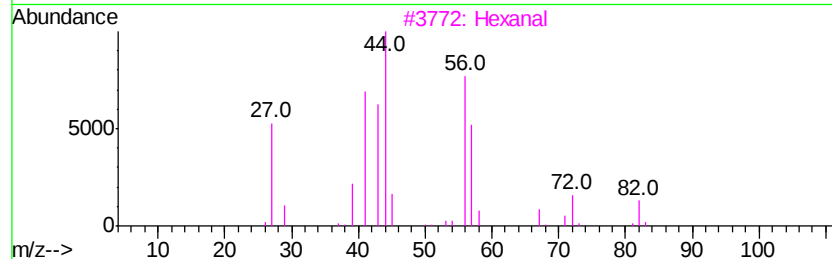
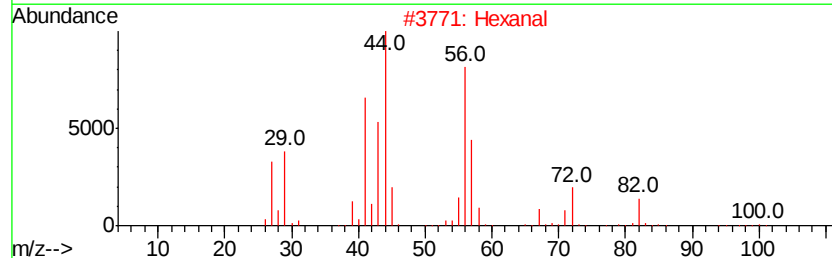
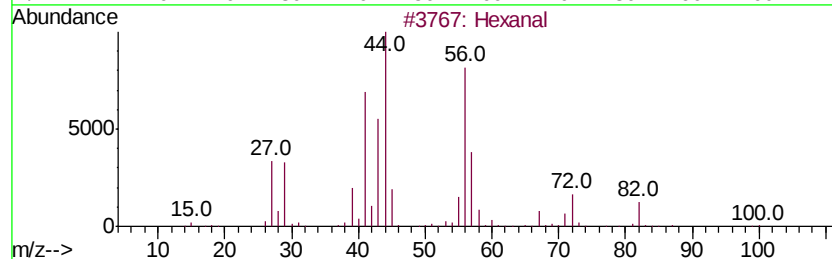
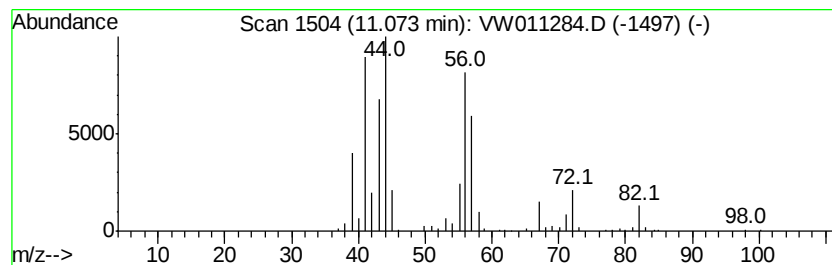
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Quant Title : VOC Analysis

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

Peak Number 6 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.85 ug/L	121058	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	81
2	Hexanal		100	C6H12O	000066-25-1	74
3	Hexanal		100	C6H12O	000066-25-1	72
4	Hexanal		100	C6H12O	000066-25-1	64
5	Butanal, 3-methyl-		86	C5H10O	000590-86-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011284.D
Acq On : 16 Jul 2019 14:24
Operator : SY/VA
Sample : K3798-09
Misc : 3.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6

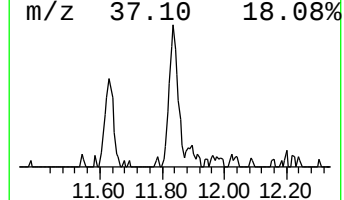
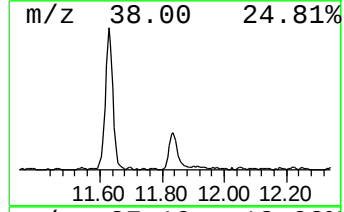
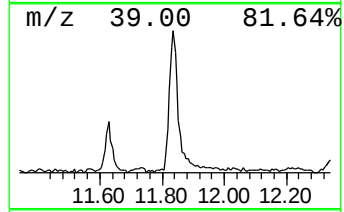
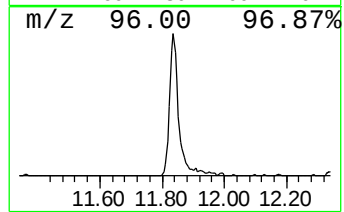
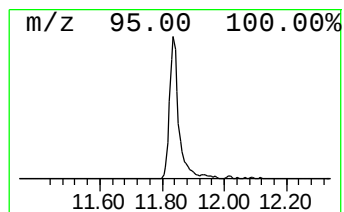
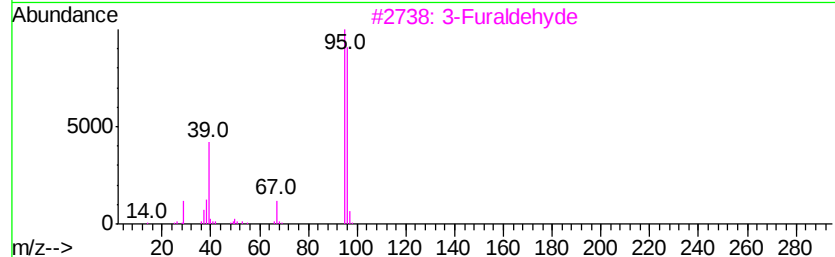
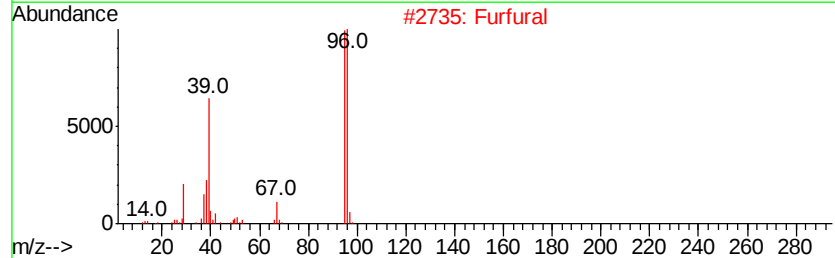
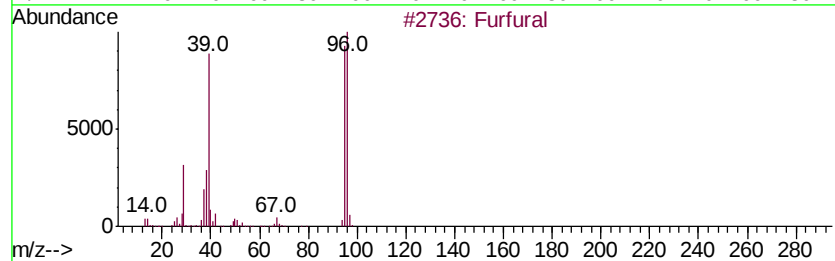
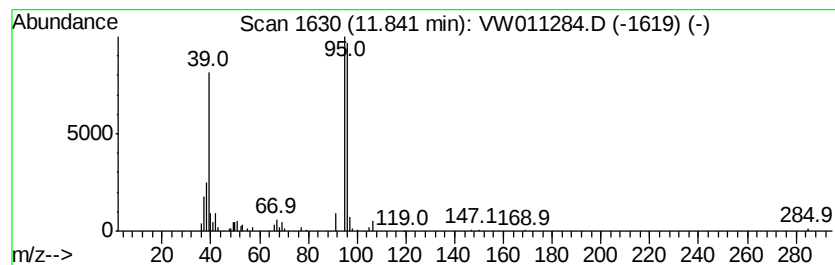
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Quant Title : VOC Analysis

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

Peak Number 7 Furfural Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	1.81 ug/L	56950	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural		96	C5H4O2	000098-01-1	97
2	Furfural		96	C5H4O2	000098-01-1	94
3	3-Furaldehyd		96	C5H4O2	000498-60-2	91
4	Furfural		96	C5H4O2	000098-01-1	87
5	2(1H)-Pyridinone		95	C5H5NO	000142-08-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011284.D
Acq On : 16 Jul 2019 14:24
Operator : SY/VA
Sample : K3798-09
Misc : 3.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6

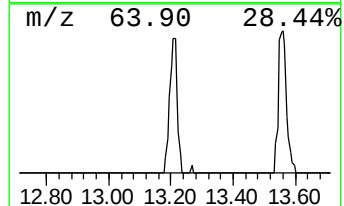
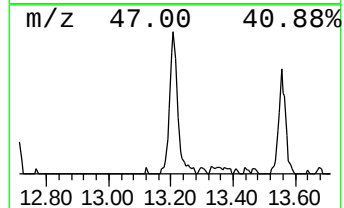
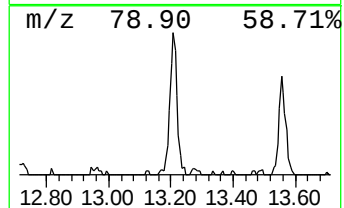
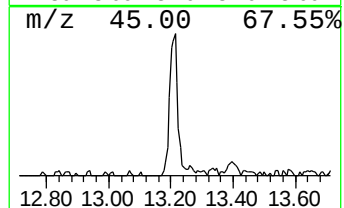
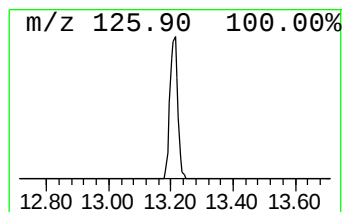
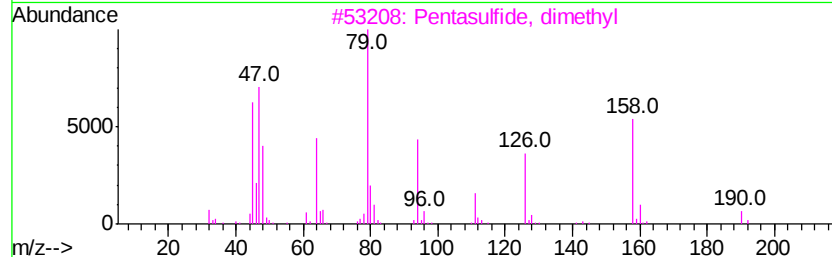
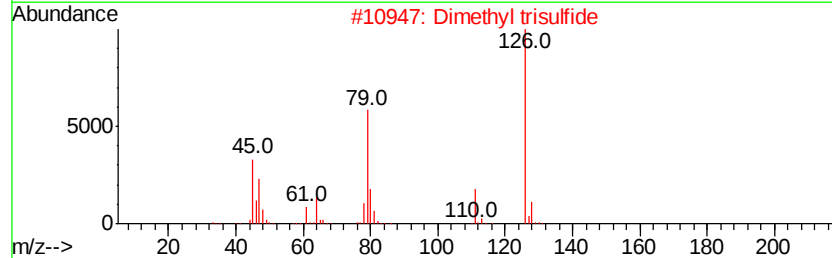
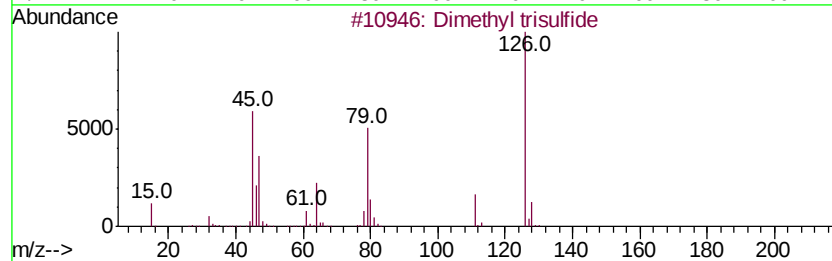
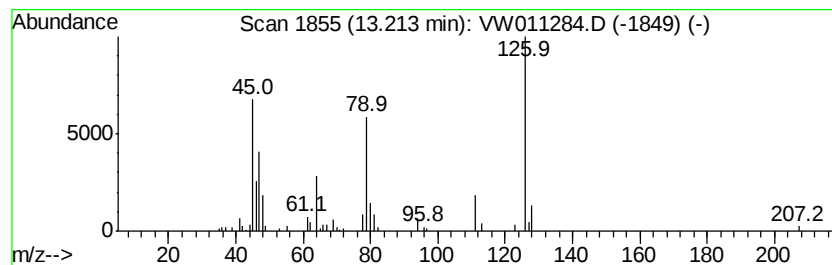
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 9 Dimethyl trisulfide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	1.43 ug/L	30279	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl trisulfide	126	C2H6S3	003658-80-8	97
2		Dimethyl trisulfide	126	C2H6S3	003658-80-8	90
3		Pentasulfide, dimethyl	190	C2H6S5	007330-31-6	40
4		Dimethyldithiophosphinic acid	126	C2H7PS2	016367-68-3	22
5		Acetic acid, mercapto-, methyl e...	106	C3H6O2S	002365-48-2	22



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
Data File : VW011284.D
Acq On : 16 Jul 2019 14:24
Operator : SY/VA
Sample : K3798-09
Misc : 3.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6

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
Methane, iodo-	4.27	2.2	ug/L	65893	1	8.84	764405	25.0
Propanal, 2-methyl-	5.78	1.4	ug/L	44112	1	8.84	764405	25.0
Disulfide, dimethyl	10.13	4.0	ug/L	123407	1	8.84	764405	25.0
Hexanal	11.07	3.9	ug/L	121058	2	11.63	786866	25.0
Furfural	11.84	1.8	ug/L	56950	2	11.63	786866	25.0
Dimethyl trisulfide	13.21	1.4	ug/L	30279	3	13.56	530515	25.0