

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007348.D
 Acq On : 08 Dec 2018 10:46
 Operator : SY/AP
 Sample : J6270-01
 Misc : 5.94G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E00

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\SOM2WLM120718S.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	2.355	69	74	91	rVB	16293	38179	9.66%	1.357%
2	2.660	118	124	135	rBV3	7276	24935	6.31%	0.886%
3	2.897	156	163	176	rVB	13119	32425	8.21%	1.152%
4	3.275	223	225	228	rBV2	145	188	0.05%	0.007%
5	3.391	238	244	250	rVB3	844	2110	0.53%	0.075%
6	3.525	258	266	275	rBV2	6457	16732	4.23%	0.595%
7	3.720	296	298	309	rVB4	1344	3002	0.76%	0.107%
8	3.806	309	312	313	rBV4	215	181	0.05%	0.006%
9	3.842	315	318	319	rBV2	440	487	0.12%	0.017%
10	3.861	319	321	327	rVB2	609	714	0.18%	0.025%
11	4.007	334	345	357	rBV	47812	139419	35.29%	4.954%
12	4.202	370	377	390	rVB2	11896	33569	8.50%	1.193%
13	4.397	401	409	415	rVB2	609	1713	0.43%	0.061%
14	4.659	447	452	454	rBV2	260	476	0.12%	0.017%
15	4.915	481	494	503	rBV4	2326	7904	2.00%	0.281%
16	5.543	596	597	603	rVB	142	193	0.05%	0.007%
17	5.665	615	617	620	rBV	182	196	0.05%	0.007%
18	5.934	656	661	669	rVB3	1423	3583	0.91%	0.127%
19	6.068	680	683	685	rBV	142	219	0.06%	0.008%
20	6.604	765	771	773	rBB	215	399	0.10%	0.014%
21	6.622	773	774	778	rBV	155	199	0.05%	0.007%
22	7.086	841	850	854	rBV3	5210	14929	3.78%	0.530%
23	7.421	899	905	906	rBV3	362	541	0.14%	0.019%
24	7.653	931	943	955	rBV	69635	177960	45.04%	6.323%
25	7.811	965	969	972	rVB	224	267	0.07%	0.009%
26	8.140	1021	1023	1025	rBV	232	182	0.05%	0.006%
27	8.207	1032	1034	1035	rBV	349	295	0.07%	0.010%
28	8.275	1036	1045	1060	rVV2	133072	395119	100.00%	14.039%
29	8.403	1065	1066	1068	rBV	354	211	0.05%	0.007%
30	8.616	1099	1101	1102	rBV	227	195	0.05%	0.007%
31	8.701	1111	1115	1118	rVB4	606	1004	0.25%	0.036%
32	8.842	1129	1138	1149	rBV	133183	264385	66.91%	9.394%
33	9.031	1165	1169	1171	rBV3	524	893	0.23%	0.032%
34	9.079	1172	1177	1184	rVB4	3691	6925	1.75%	0.246%

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 Title : VOC Analysis

35	9.274	1199	1209	1218	rBV	91661	185245	46.88%	6.582%
36	9.384	1219	1227	1237	rVB	145713	279317	70.69%	9.924%
37	9.500	1244	1246	1249	rVB	444	335	0.08%	0.012%
38	9.707	1277	1280	1281	rBV2	238	229	0.06%	0.008%
39	10.036	1328	1334	1342	rVB	32013	57382	14.52%	2.039%
40	10.164	1344	1355	1367	rBV2	14522	47653	12.06%	1.693%
41	10.323	1374	1381	1388	rBV	180283	314905	79.70%	11.189%
42	10.579	1417	1423	1429	rBV2	20526	34966	8.85%	1.242%
43	10.713	1440	1445	1450	rBV3	2339	4218	1.07%	0.150%
44	10.933	1475	1481	1493	rVB6	21175	57370	14.52%	2.038%
45	11.061	1496	1502	1509	rBV2	20233	36033	9.12%	1.280%
46	11.634	1590	1596	1604	rVB	141929	230742	58.40%	8.198%
47	11.835	1627	1629	1633	rBV3	638	730	0.18%	0.026%
48	11.920	1638	1643	1649	rVB4	5192	9520	2.41%	0.338%
49	12.170	1679	1684	1690	rVB4	785	1351	0.34%	0.048%
50	12.243	1695	1696	1698	rVB	527	311	0.08%	0.011%
51	12.298	1702	1705	1706	rBV	251	230	0.06%	0.008%
52	12.347	1711	1713	1715	rBV	247	279	0.07%	0.010%
53	12.371	1715	1717	1722	rVB2	489	581	0.15%	0.021%
54	12.475	1729	1734	1739	rVB4	1965	2988	0.76%	0.106%
55	12.615	1750	1757	1764	rVB4	5738	10333	2.62%	0.367%
56	12.695	1764	1770	1777	rBV	50930	83852	21.22%	2.979%
57	12.762	1777	1781	1783	rBV2	298	302	0.08%	0.011%
58	12.908	1801	1805	1806	rBV2	189	194	0.05%	0.007%
59	12.938	1806	1810	1815	rVB3	2009	2568	0.65%	0.091%
60	12.993	1815	1819	1822	rBV	201	319	0.08%	0.011%
61	13.030	1822	1825	1831	rVB3	1657	2497	0.63%	0.089%
62	13.170	1846	1848	1850	rBV	279	228	0.06%	0.008%
63	13.213	1850	1855	1860	rVB2	3414	5367	1.36%	0.191%
64	13.298	1865	1869	1875	rVB4	1630	2944	0.75%	0.105%
65	13.414	1881	1888	1891	rBV3	783	1451	0.37%	0.052%
66	13.481	1898	1899	1901	rBV3	256	254	0.06%	0.009%
67	13.560	1906	1912	1918	rVV	78823	128015	32.40%	4.548%
68	13.609	1918	1920	1923	rVV2	1023	1392	0.35%	0.049%
69	13.646	1924	1926	1932	rVB4	803	1094	0.28%	0.039%
70	13.731	1937	1940	1944	rBV	178	237	0.06%	0.008%
71	13.767	1944	1946	1950	rVV2	644	759	0.19%	0.027%

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72	13.859	1954	1961	1969	rVV	73804	120861	30.59%	4.294%
73	13.963	1976	1978	1981	rVV2	369	386	0.10%	0.014%
74	14.017	1984	1987	1990	rVB	160	215	0.05%	0.008%
75	14.078	1990	1997	2002	rBV2	3535	5303	1.34%	0.188%
76	14.213	2015	2019	2020	rBV2	184	213	0.05%	0.008%
77	14.304	2032	2034	2036	rVV	299	308	0.08%	0.011%
78	14.328	2036	2038	2044	rVV3	482	704	0.18%	0.025%
79	14.377	2044	2046	2048	rVB	288	233	0.06%	0.008%
80	14.426	2051	2054	2057	rBV2	201	286	0.07%	0.010%
81	14.517	2068	2069	2072	rBV	183	190	0.05%	0.007%
82	14.554	2072	2075	2078	rVB	149	214	0.05%	0.008%
83	14.737	2102	2105	2112	rVV3	517	775	0.20%	0.028%
84	14.804	2114	2116	2119	rBV2	216	305	0.08%	0.011%
85	14.853	2121	2124	2126	rVV	210	219	0.06%	0.008%
86	15.145	2169	2172	2175	rBV	240	382	0.10%	0.014%
87	15.365	2206	2208	2209	rBV	269	203	0.05%	0.007%
88	15.444	2217	2221	2226	rVV3	2512	3637	0.92%	0.129%
89	15.505	2226	2231	2236	rVV2	789	1351	0.34%	0.048%
90	15.584	2243	2244	2247	rVB	241	214	0.05%	0.008%
91	15.615	2247	2249	2253	rBV	181	222	0.06%	0.008%
92	15.682	2258	2260	2262	rBV2	209	198	0.05%	0.007%
93	15.785	2273	2277	2278	rBV	270	218	0.06%	0.008%
94	15.810	2278	2281	2283	rVV	149	202	0.05%	0.007%
95	15.840	2284	2286	2292	rVB	312	396	0.10%	0.014%
96	15.895	2292	2295	2297	rBV	178	236	0.06%	0.008%
97	16.023	2312	2316	2318	rBV2	176	272	0.07%	0.010%
98	16.212	2346	2347	2349	rBV	220	187	0.05%	0.007%
99	16.554	2400	2403	2405	rBV2	176	276	0.07%	0.010%
100	16.773	2434	2439	2440	rBV	238	332	0.08%	0.012%

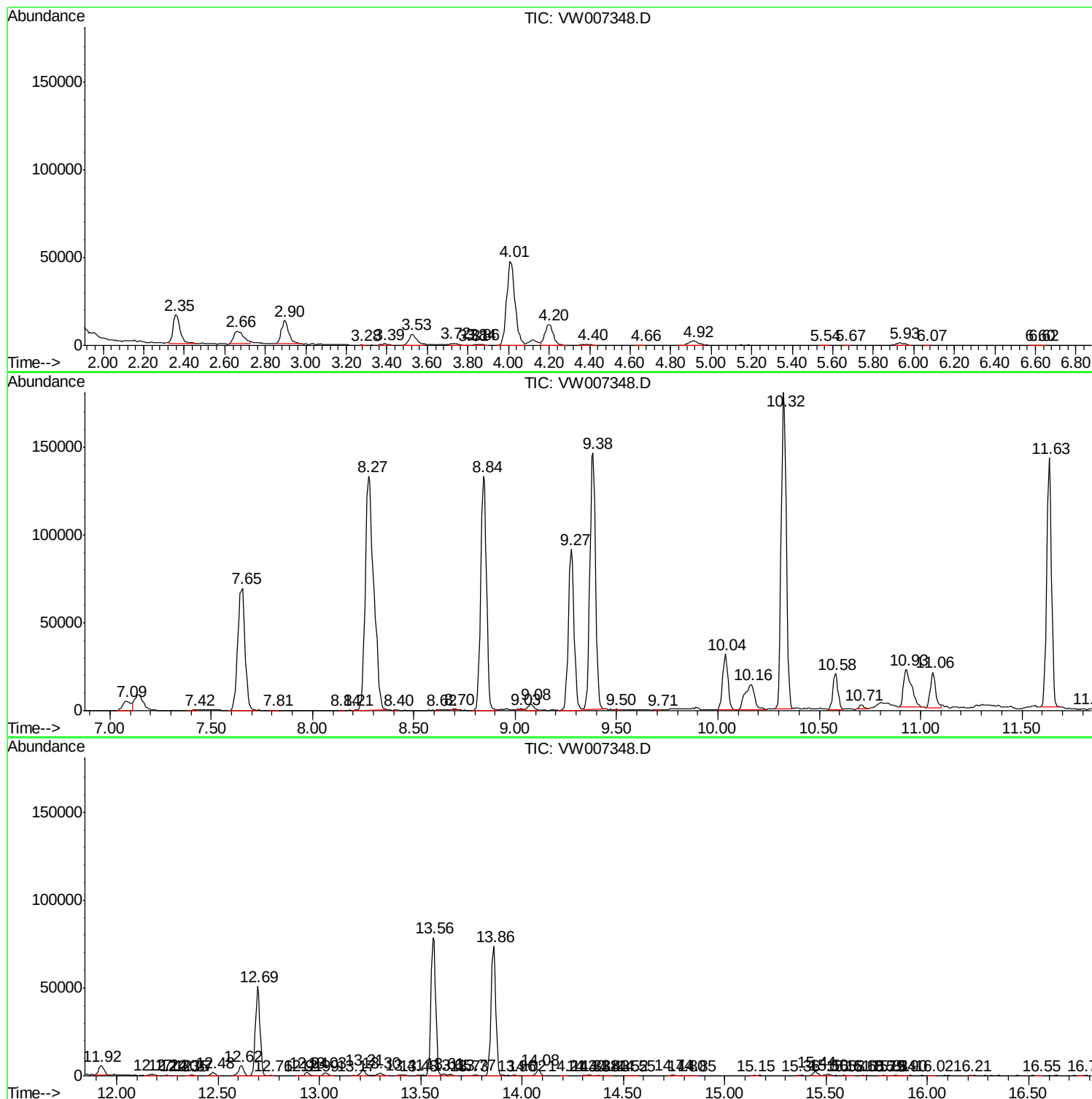
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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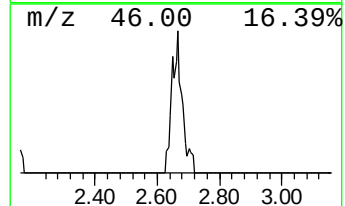
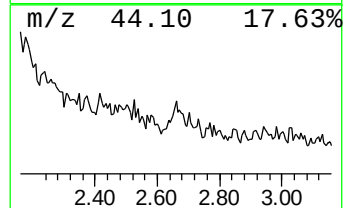
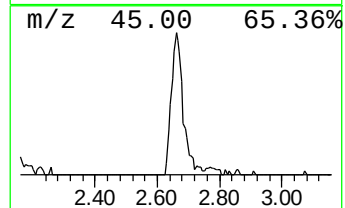
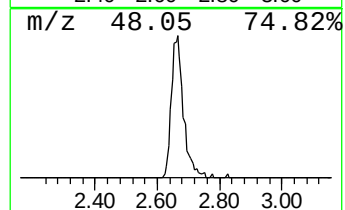
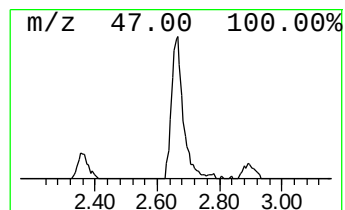
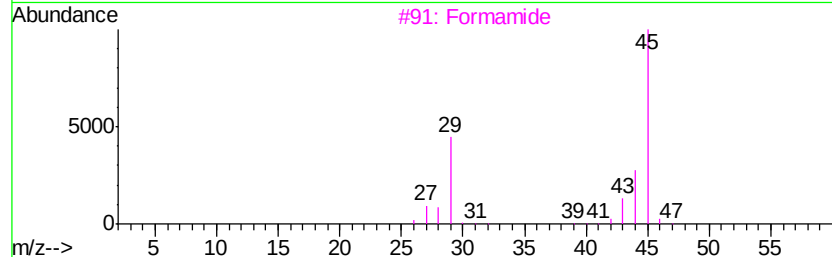
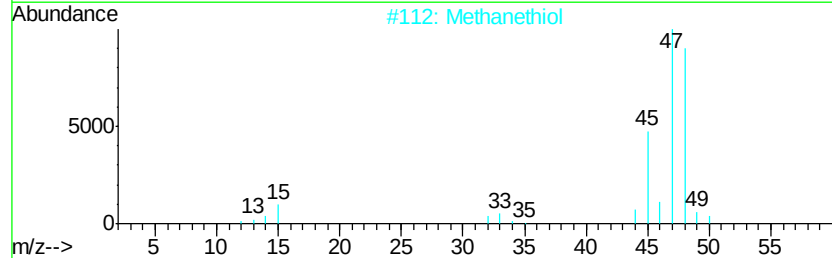
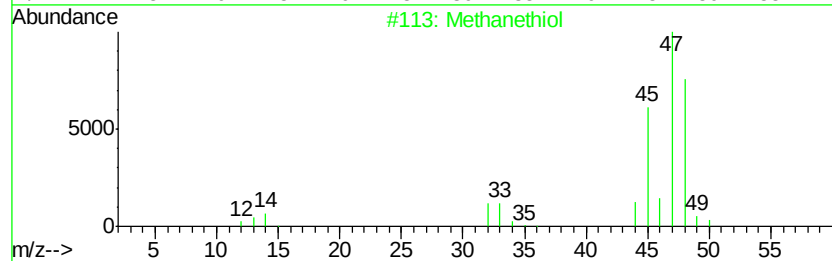
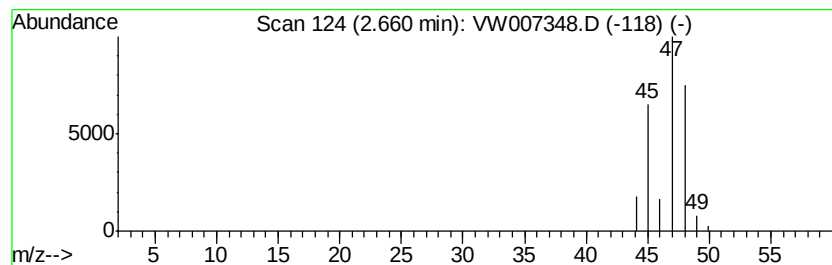
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 1 Methanethiol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	2.36 ug/L	24935	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methanethiol	48	CH4S	000074-93-1	90
2		Methanethiol	48	CH4S	000074-93-1	83
3		Formamide	45	CH3NO	000075-12-7	4
4		Formamide	45	CH3NO	000075-12-7	4
5		Ethane, fluoro-	48	C2H5F	000353-36-6	4



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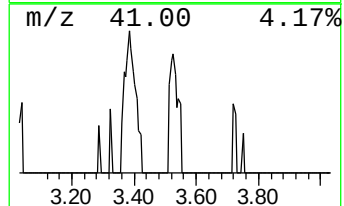
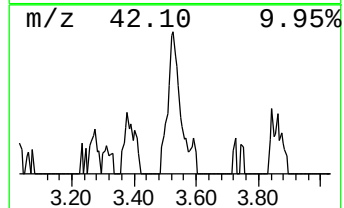
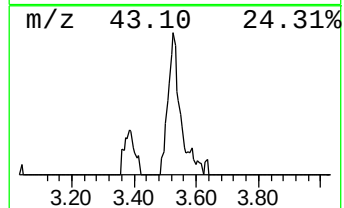
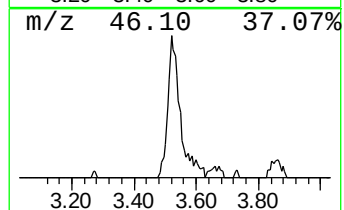
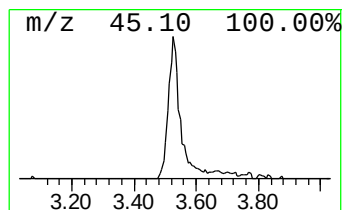
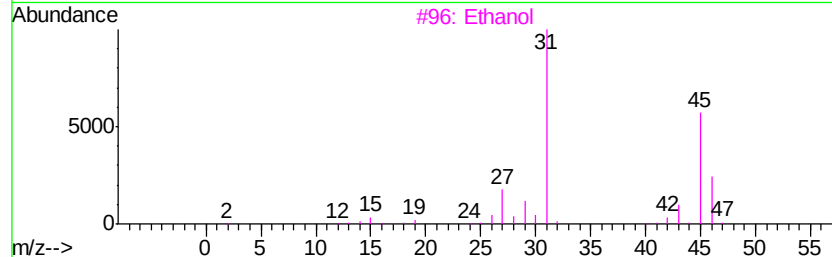
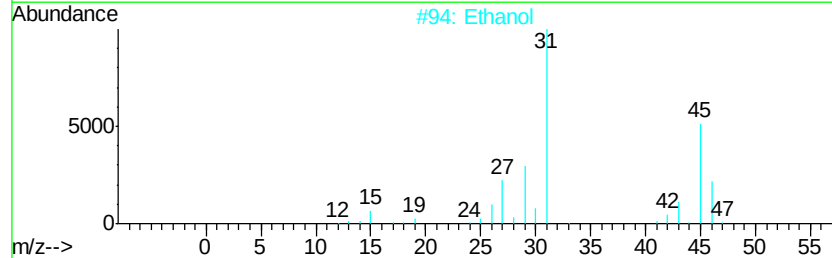
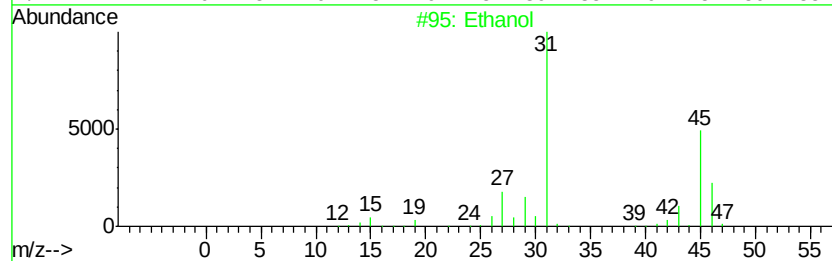
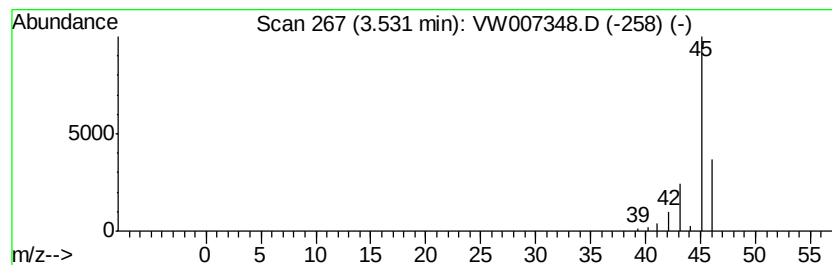
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	1.58 ug/L	16732	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	74
2		Ethanol	46	C2H6O	000064-17-5	9
3		Ethanol	46	C2H6O	000064-17-5	5
4		Dimethyl ether	46	C2H6O	000115-10-6	5
5		4-Penten-2-ol	86	C5H10O	000625-31-0	4



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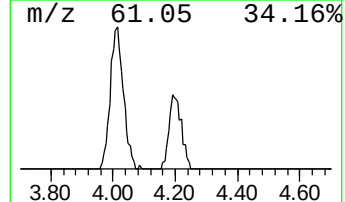
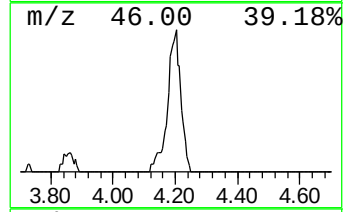
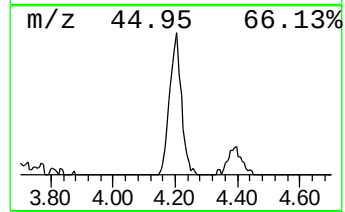
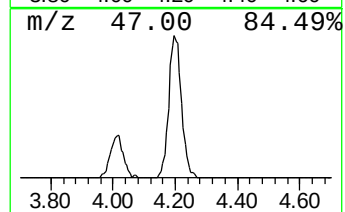
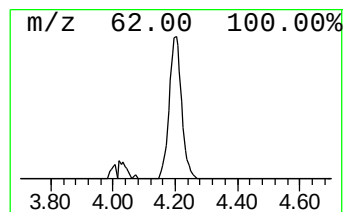
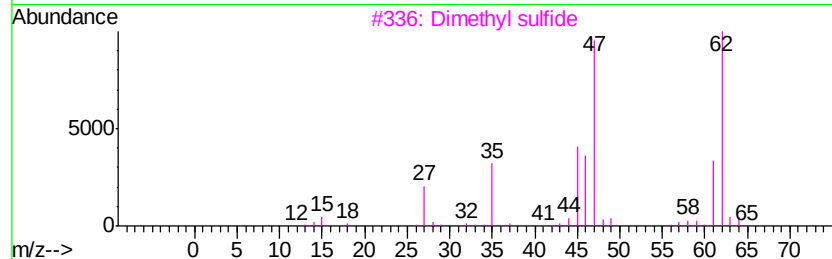
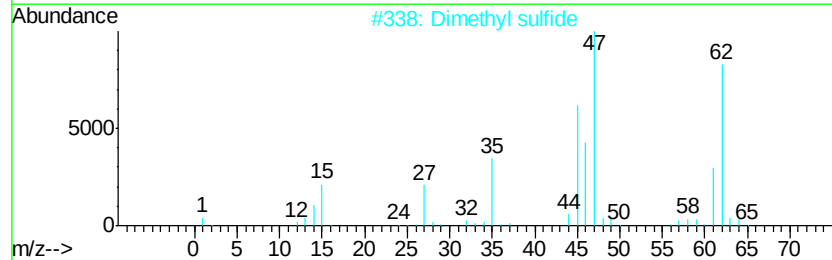
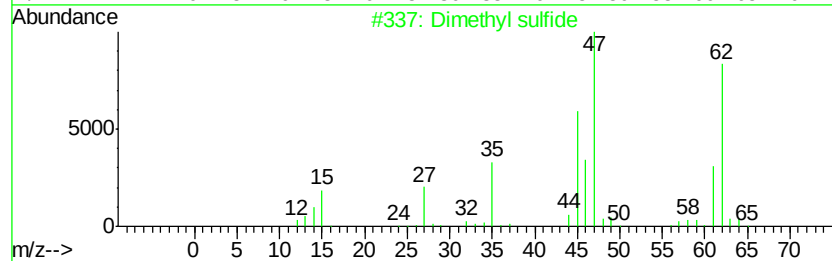
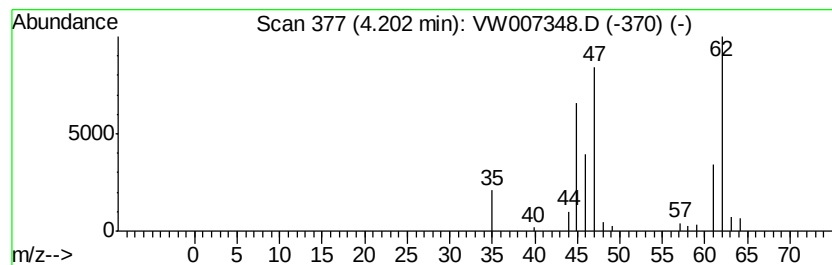
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 3 Dimethyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	3.17 ug/L	33569	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	95
2		Dimethyl sulfide	62	C2H6S	000075-18-3	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	90
5		Ethanethiol	62	C2H6S	000075-08-1	80



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ClientSampleId :
F9E00

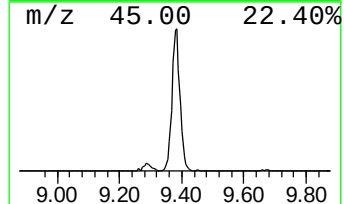
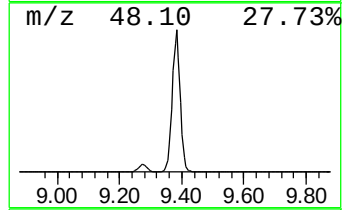
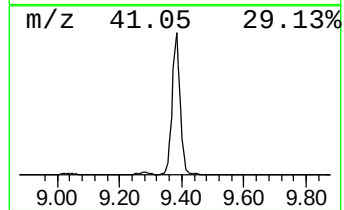
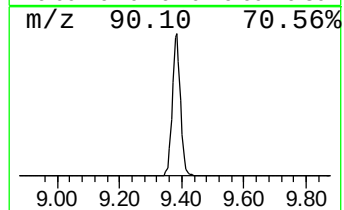
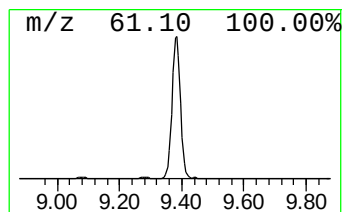
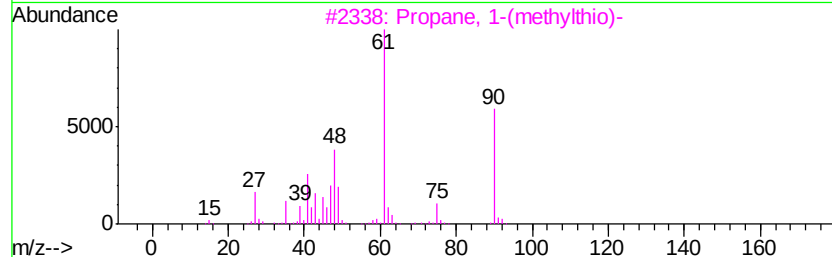
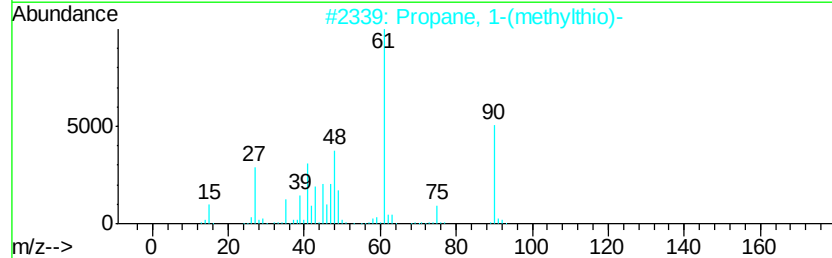
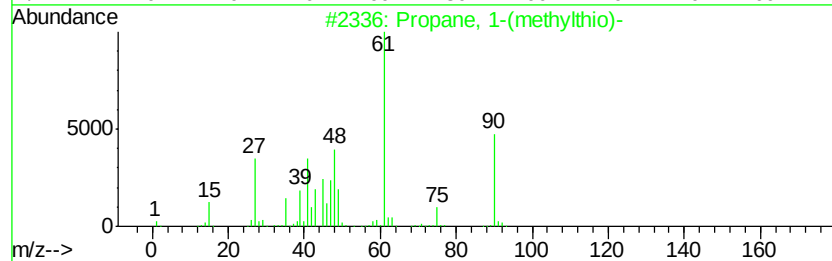
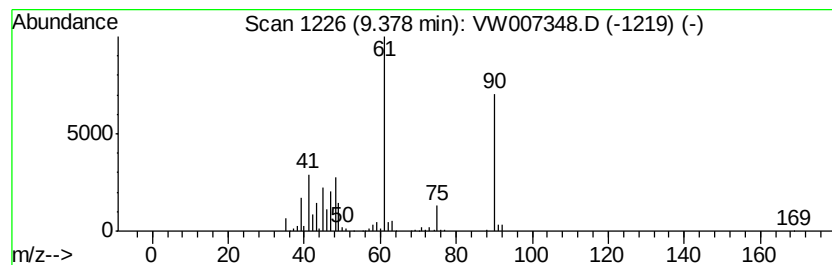
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Quant Title : VOC Analysis

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

Peak Number 4 Propane, 1-(methylthio)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	26.41 ug/L	279317	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	94
2		Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	91
3		Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	90
4		Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	87
5		Ethanol, 2-(methylthio)-	92	C3H8OS	005271-38-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007348.D
Acq On : 08 Dec 2018 10:46
Operator : SY/AP
Sample : J6270-01
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E00

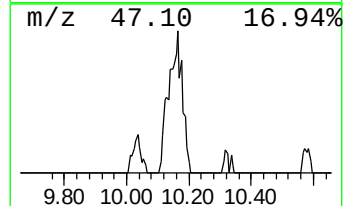
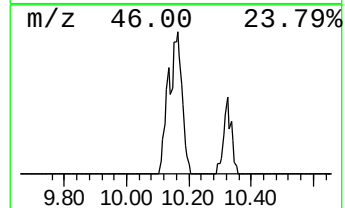
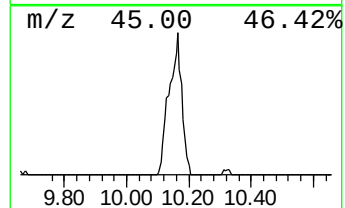
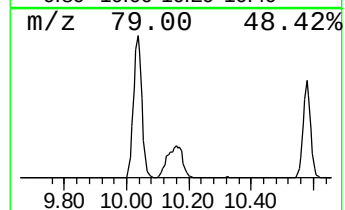
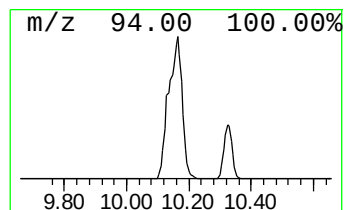
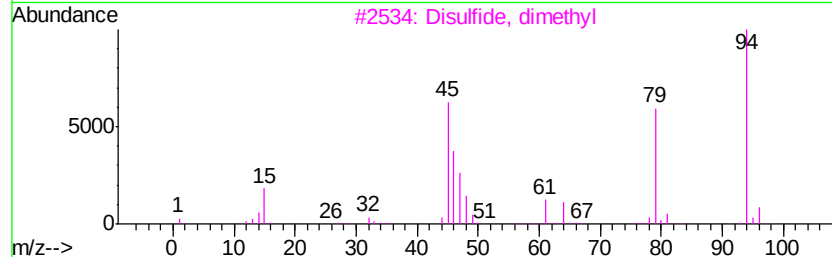
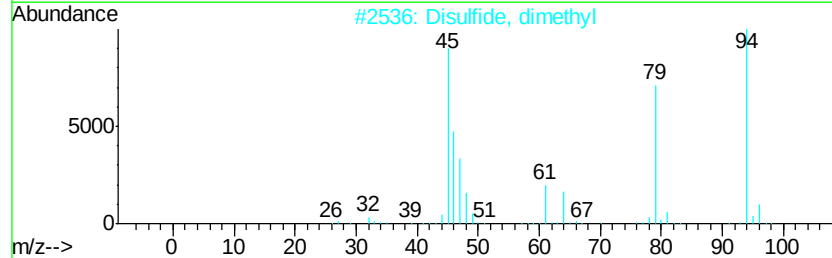
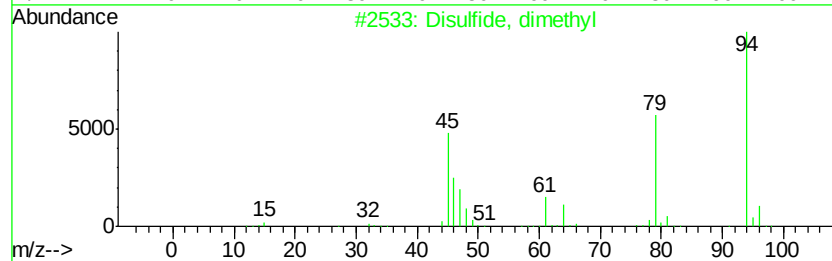
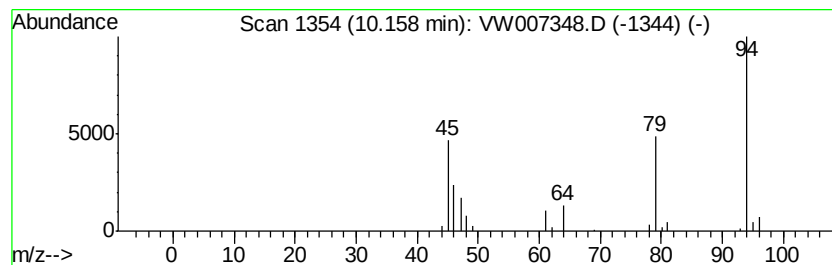
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Quant Title : VOC Analysis

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

Peak Number 6 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	4.51 ug/L	47653	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
2		Disulfide, dimethyl	94	C2H6S2	000624-92-0	95
3		Disulfide, dimethyl	94	C2H6S2	000624-92-0	90
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	90
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007348.D
Acq On : 08 Dec 2018 10:46
Operator : SY/AP
Sample : J6270-01
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

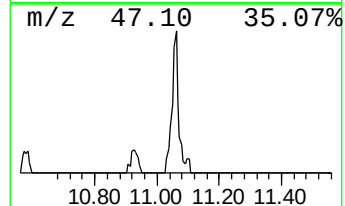
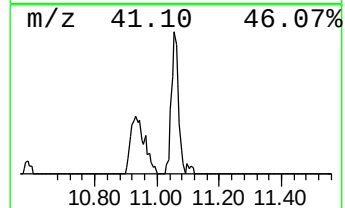
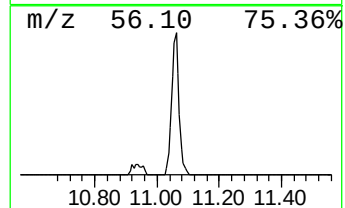
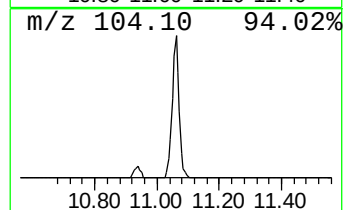
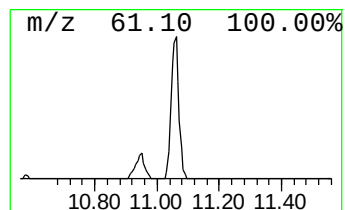
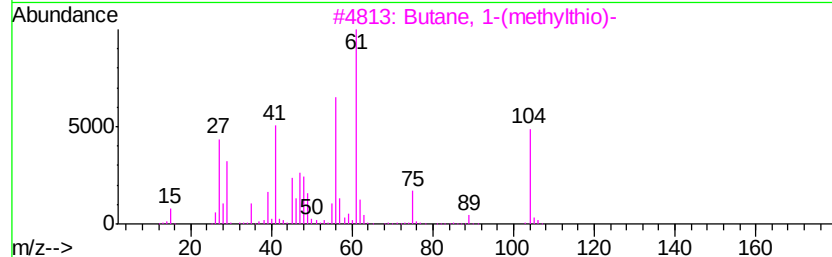
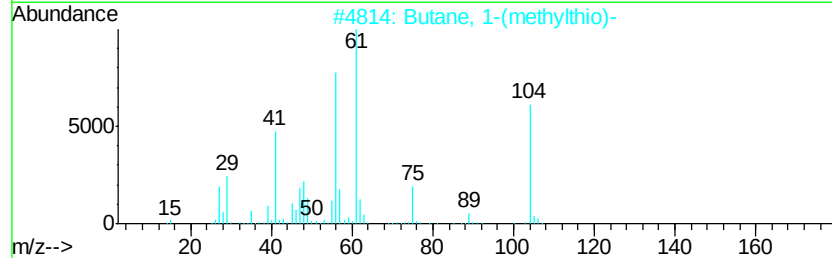
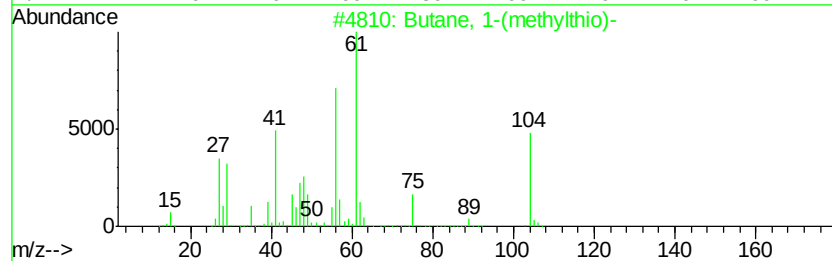
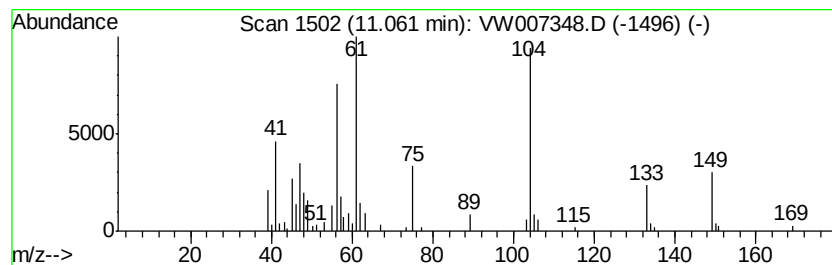
Instrument :
MSVOA_W
ClientSampleId :
F9E00

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 7 Butane, 1-(methylthio)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.06	3.90 ug/L	36033	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-(methylthio)-	104	C5H12S	000628-29-5	87	
2	Butane, 1-(methylthio)-	104	C5H12S	000628-29-5	87	
3	Butane, 1-(methylthio)-	104	C5H12S	000628-29-5	87	
4	L-Methionine	149	C5H11NO2S	000063-68-3	46	
5	D-Methionine	149	C5H11NO2S	000348-67-4	43	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007348.D
Acq On : 08 Dec 2018 10:46
Operator : SY/AP
Sample : J6270-01
Misc : 5.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E00

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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
Methanethiol	2.66	2.4	ug/L	24935	1	8.84	264385	25.0
Ethanol	3.53	1.6	ug/L	16732	1	8.84	264385	25.0
Dimethyl sulfide	4.20	3.2	ug/L	33569	1	8.84	264385	25.0
Propane, 1-(methy...	9.38	26.4	ug/L	279317	1	8.84	264385	25.0
Disulfide, dimethyl	10.16	4.5	ug/L	47653	1	8.84	264385	25.0
Butane, 1-(methyl...	11.06	3.9	ug/L	36033	2	11.63	230742	25.0