

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011314.D
 Acq On : 17 Jul 2019 19:09
 Operator : SY/VA
 Sample : K3798-09RE
 Misc : 3.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H6RE

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	4	8	11	rBV2	7824	13258	1.30%	0.170%
2	2.148	39	40	43	rBV2	1621	1818	0.18%	0.023%
3	2.202	46	49	57	rVV	3795	6812	0.67%	0.087%
4	2.343	67	72	86	rVB	55377	102890	10.13%	1.319%
5	2.489	90	96	103	rBV	35787	77374	7.62%	0.992%
6	2.879	153	160	175	rVB	39649	100824	9.92%	1.293%
7	3.379	238	242	252	rVB3	2332	5298	0.52%	0.068%
8	3.538	262	268	269	rBV5	987	1627	0.16%	0.021%
9	3.586	274	276	283	rVB5	1067	1780	0.18%	0.023%
10	3.714	295	297	301	rVB4	895	1237	0.12%	0.016%
11	3.836	314	317	318	rBV2	1368	1579	0.16%	0.020%
12	4.013	334	346	356	rBV	95638	318188	31.32%	4.080%
13	4.117	356	363	377	rVV	62575	180968	17.81%	2.320%
14	4.263	379	387	398	rVV2	15813	57668	5.68%	0.739%
15	4.379	399	406	416	rVB2	10812	34346	3.38%	0.440%
16	4.665	444	453	468	rBV	16784	50464	4.97%	0.647%
17	4.909	482	493	506	rBV2	9709	40146	3.95%	0.515%
18	5.409	570	575	577	rVB2	503	637	0.06%	0.008%
19	5.781	625	636	644	rBV2	13440	42699	4.20%	0.547%
20	5.934	649	661	667	rBV4	2600	7779	0.77%	0.100%
21	6.001	670	672	676	rVB3	648	779	0.08%	0.010%
22	6.110	683	690	692	rBV4	1185	2464	0.24%	0.032%
23	6.232	708	710	713	rBV3	580	871	0.09%	0.011%
24	6.598	762	770	778	rBV8	2409	7226	0.71%	0.093%
25	6.897	810	819	828	rBV6	3894	12799	1.26%	0.164%
26	7.074	840	848	857	rBV	44227	136188	13.40%	1.746%
27	7.647	930	942	957	rVB	170338	424012	41.73%	5.436%
28	7.775	960	963	968	rVB2	624	984	0.10%	0.013%
29	7.842	971	974	977	rBV3	473	714	0.07%	0.009%
30	7.939	986	990	991	rBV4	551	644	0.06%	0.008%
31	8.275	1035	1045	1061	rBV2	332828	1016008	100.00%	13.026%
32	8.549	1081	1090	1104	rVB3	10240	27846	2.74%	0.357%
33	8.713	1108	1117	1124	rBV7	5918	15257	1.50%	0.196%
34	8.842	1129	1138	1149	rBV	348100	690499	67.96%	8.853%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Title : VOC Analysis

35	9.079	1167	1177	1184	rVV6	6379	17155	1.69%	0.220%
36	9.152	1186	1189	1192	rVB4	733	1040	0.10%	0.013%
37	9.274	1200	1209	1225	rBV	259904	525713	51.74%	6.740%
38	9.408	1225	1231	1238	rVV2	11866	24377	2.40%	0.313%
39	9.549	1249	1254	1261	rVB5	1401	3143	0.31%	0.040%
40	9.658	1265	1272	1279	rBV4	3282	7207	0.71%	0.092%
41	10.036	1326	1334	1343	rBV	113920	210347	20.70%	2.697%
42	10.134	1343	1350	1360	rVV	53435	110687	10.89%	1.419%
43	10.207	1360	1362	1369	rVB5	1038	1632	0.16%	0.021%
44	10.323	1372	1381	1387	rBV	426980	752006	74.02%	9.642%
45	10.384	1387	1391	1404	rVB	39420	72940	7.18%	0.935%
46	10.500	1404	1410	1416	rBV6	1400	3302	0.32%	0.042%
47	10.579	1416	1423	1430	rBV	72268	128681	12.67%	1.650%
48	10.701	1437	1443	1450	rVB	11579	21332	2.10%	0.274%
49	10.829	1459	1464	1465	rBV3	1129	1617	0.16%	0.021%
50	10.927	1473	1480	1497	rBV	152300	268887	26.47%	3.447%
51	11.073	1497	1504	1515	rVV	69787	117960	11.61%	1.512%
52	11.493	1570	1573	1574	rBV3	833	832	0.08%	0.011%
53	11.512	1574	1576	1579	rVB4	863	773	0.08%	0.010%
54	11.567	1581	1585	1588	rBV	1168	1777	0.17%	0.023%
55	11.634	1588	1596	1605	rBV	407899	709770	69.86%	9.100%
56	11.719	1607	1610	1612	rBV3	985	1339	0.13%	0.017%
57	11.835	1621	1629	1641	rBV3	18477	42135	4.15%	0.540%
58	12.164	1680	1683	1687	rBV4	1466	2571	0.25%	0.033%
59	12.219	1687	1692	1694	rBV3	1143	1995	0.20%	0.026%
60	12.341	1707	1712	1720	rBV3	8247	14074	1.39%	0.180%
61	12.457	1730	1731	1735	rVB2	1159	884	0.09%	0.011%
62	12.518	1737	1741	1747	rVV4	4946	8479	0.83%	0.109%
63	12.566	1747	1749	1750	rVV	812	729	0.07%	0.009%
64	12.609	1750	1756	1762	rVV	32428	55237	5.44%	0.708%
65	12.694	1762	1770	1781	rVV	159057	265522	26.13%	3.404%
66	12.816	1787	1790	1796	rVB3	794	1252	0.12%	0.016%
67	12.890	1796	1802	1806	rBV6	2683	6833	0.67%	0.088%
68	12.944	1806	1811	1817	rVB7	4112	9538	0.94%	0.122%
69	13.048	1823	1828	1831	rBV5	1208	2067	0.20%	0.027%
70	13.097	1831	1836	1840	rBV6	1178	2302	0.23%	0.030%
71	13.158	1840	1846	1848	rBV5	1242	2271	0.22%	0.029%

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Integration Parameters: LSCINT.P

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72	13.207	1848	1854	1859	rBV	18353	31817	3.13%	0.408%
73	13.274	1861	1865	1872	rVB4	6185	11428	1.12%	0.147%
74	13.402	1881	1886	1892	rVB4	5946	10110	1.00%	0.130%
75	13.463	1892	1896	1897	rBV3	912	1445	0.14%	0.019%
76	13.499	1897	1902	1906	rVV3	7050	12474	1.23%	0.160%
77	13.560	1906	1912	1922	rVV	268991	433671	42.68%	5.560%
78	13.652	1922	1927	1934	rVB	10187	16685	1.64%	0.214%
79	13.761	1941	1945	1947	rBV3	1105	1134	0.11%	0.015%
80	13.853	1953	1960	1967	rBV	216933	355138	34.95%	4.553%
81	14.024	1984	1988	1991	rBV5	1278	2051	0.20%	0.026%
82	14.072	1991	1996	2004	rVB	24595	40473	3.98%	0.519%
83	14.328	2032	2038	2045	rVV4	7220	13461	1.32%	0.173%
84	14.420	2051	2053	2057	rVB4	696	938	0.09%	0.012%
85	14.505	2064	2067	2068	rBV2	1239	1254	0.12%	0.016%
86	14.530	2068	2071	2077	rVB4	3100	4508	0.44%	0.058%
87	14.627	2083	2087	2091	rBV6	1000	1632	0.16%	0.021%
88	14.694	2095	2098	2101	rBV4	2179	2916	0.29%	0.037%
89	14.792	2112	2114	2115	rBV	1176	828	0.08%	0.011%
90	14.847	2119	2123	2124	rBV4	1258	1304	0.13%	0.017%
91	15.066	2156	2159	2160	rBV3	1012	972	0.10%	0.012%
92	15.133	2167	2170	2174	rBV4	847	1300	0.13%	0.017%
93	15.182	2176	2178	2181	rVV3	1775	2076	0.20%	0.027%
94	15.261	2188	2191	2197	rVB8	1526	2008	0.20%	0.026%
95	15.365	2206	2208	2211	rVB4	1140	900	0.09%	0.012%
96	15.407	2212	2215	2221	rVB5	1413	2494	0.25%	0.032%
97	15.499	2223	2230	2237	rVV	33814	59738	5.88%	0.766%
98	15.560	2238	2240	2243	rVB4	1050	1123	0.11%	0.014%
99	15.980	2304	2309	2314	rVB8	1779	2826	0.28%	0.036%
100	16.267	2355	2356	2361	rBV4	810	789	0.08%	0.010%

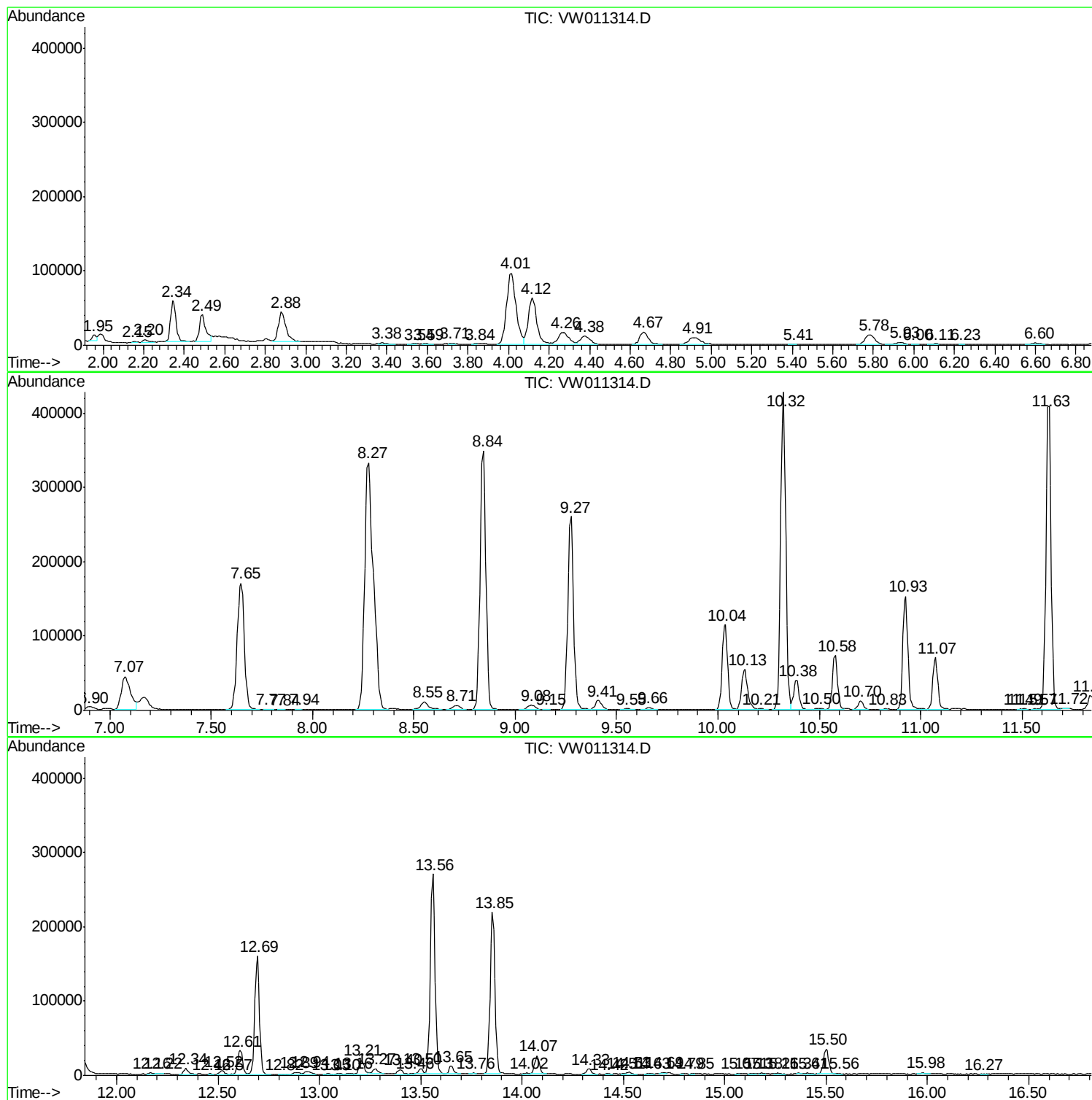
Sum of corrected areas: 7799582

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071719\
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ALS Vial : 1 Sample Multiplier: 1

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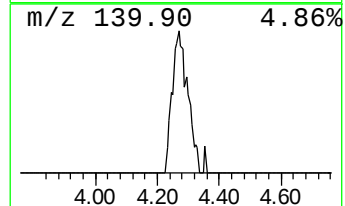
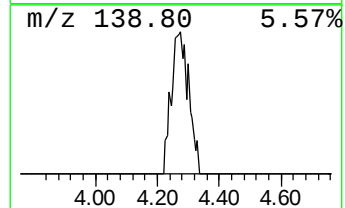
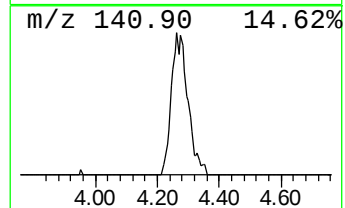
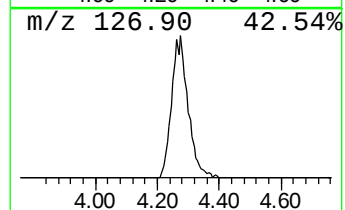
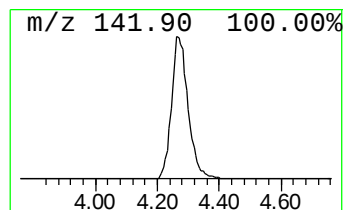
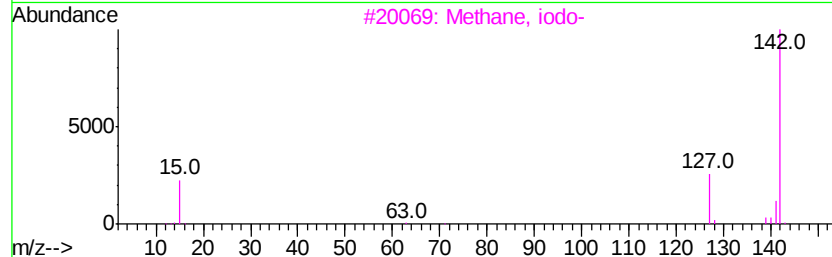
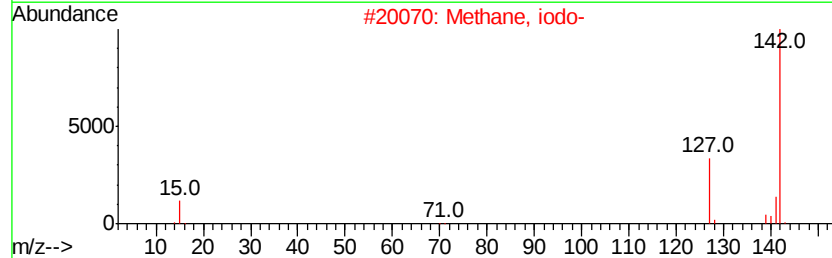
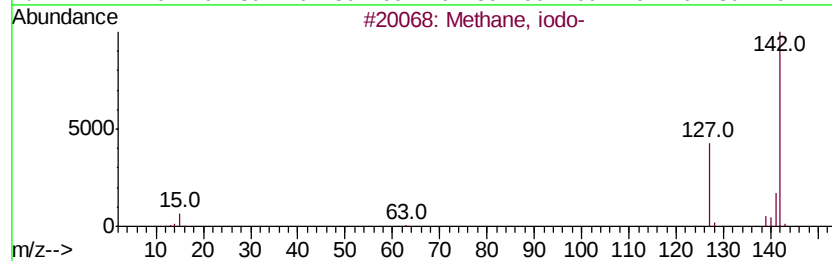
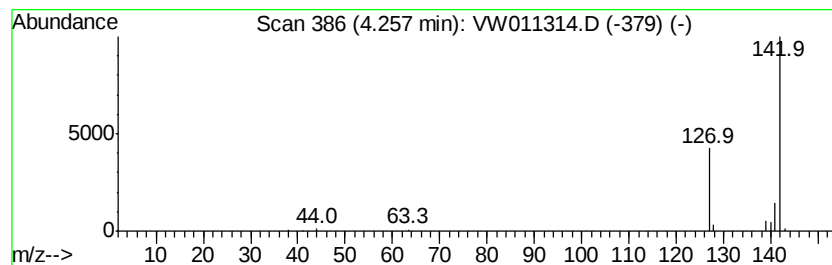
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 2 Methane, iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.09 ug/L	57668	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	72
4		1,3,5-Trimethylimidazolium iodide	238	C6H11IN2	1000126-23-0	56
5		Trimethylsulfoxonium iodide	220	C3H9IOS	001774-47-6	39



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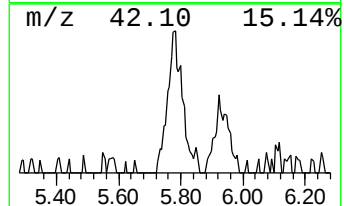
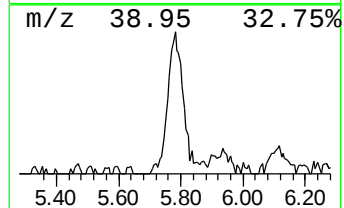
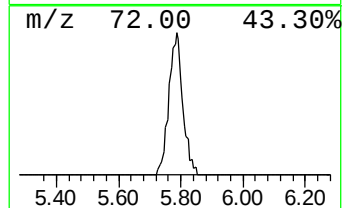
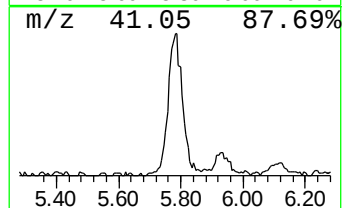
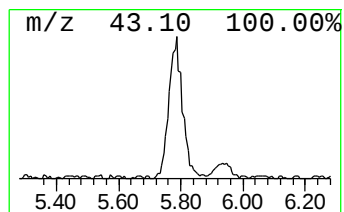
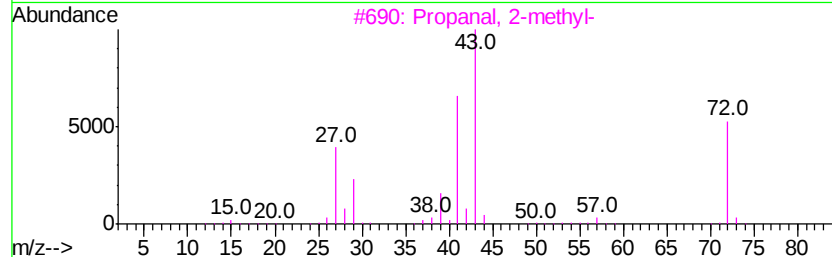
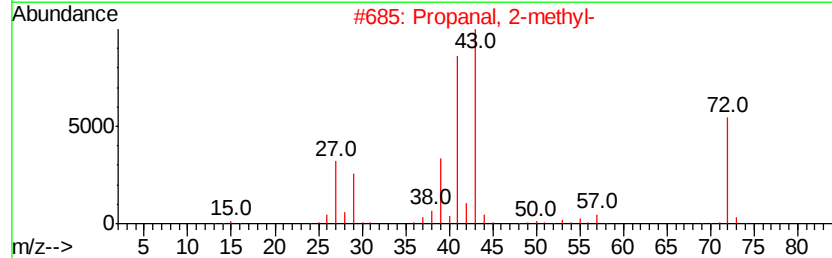
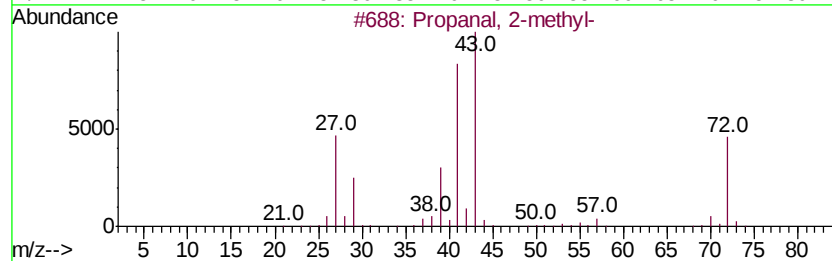
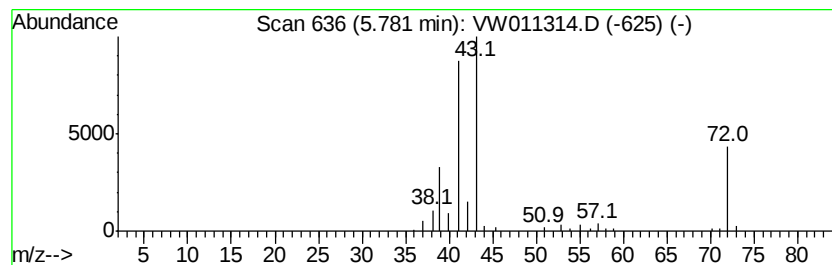
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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	1.55 ug/L	42699	1,4-Difluorobenzene	8.84	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72 C4H8O	000078-84-2	87	
2	Propanal, 2-methyl-	72 C4H8O	000078-84-2	78	
3	Propanal, 2-methyl-	72 C4H8O	000078-84-2	72	
4	Butanal	72 C4H8O	000123-72-8	58	
5	Isobutylene epoxide	72 C4H8O	000558-30-5	47	



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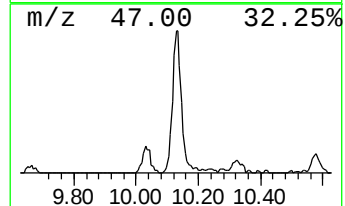
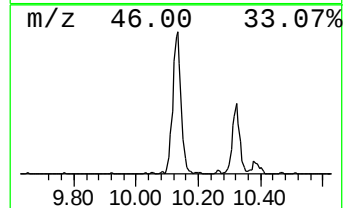
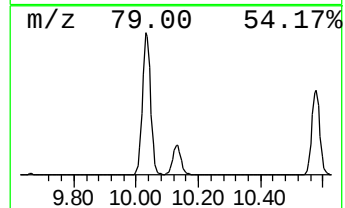
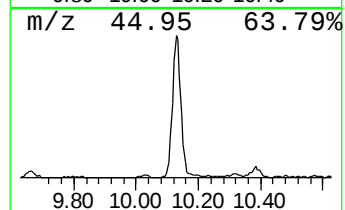
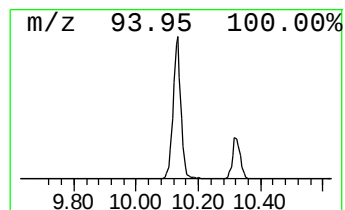
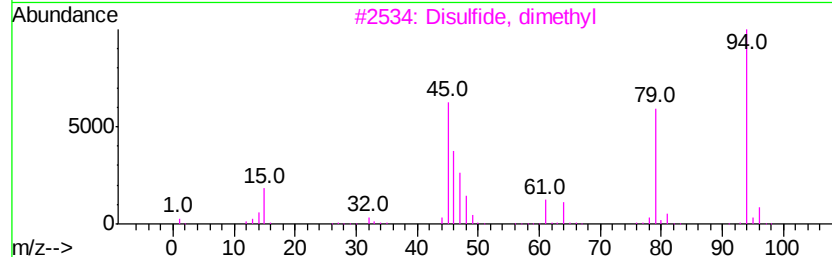
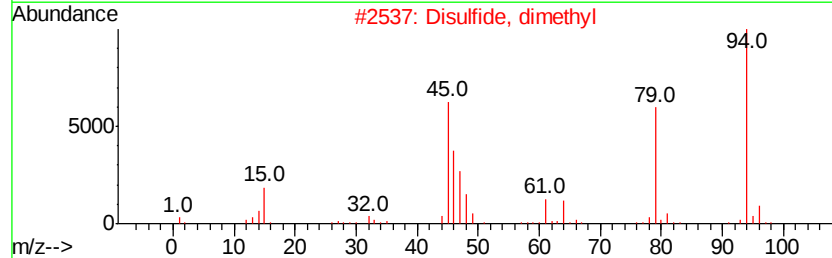
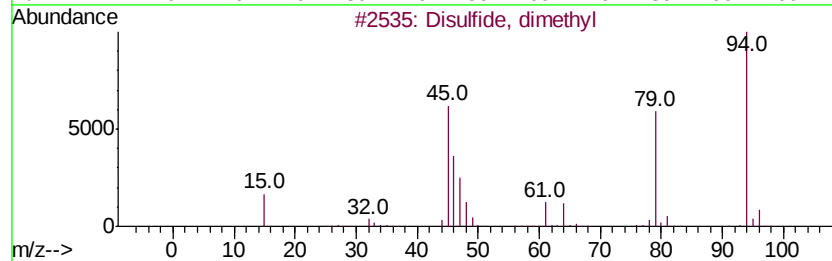
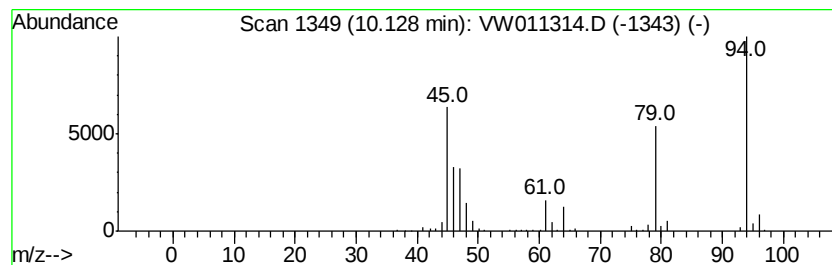
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Quant Title : VOC Analysis

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

Peak Number 5 Disulfide, dimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	4.01 ug/L	110687	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	95
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011314.D
Acq On : 17 Jul 2019 19:09
Operator : SY/VA
Sample : K3798-09RE
Misc : 3.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6RE

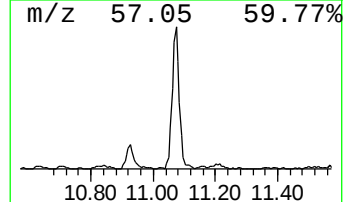
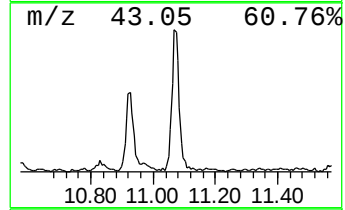
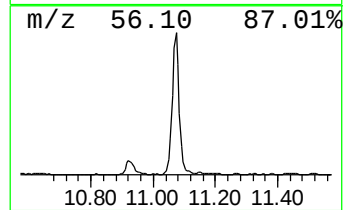
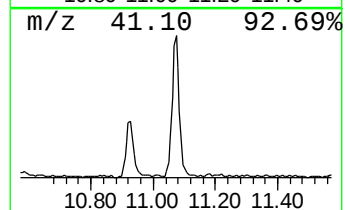
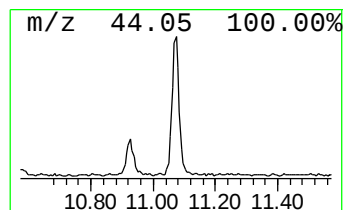
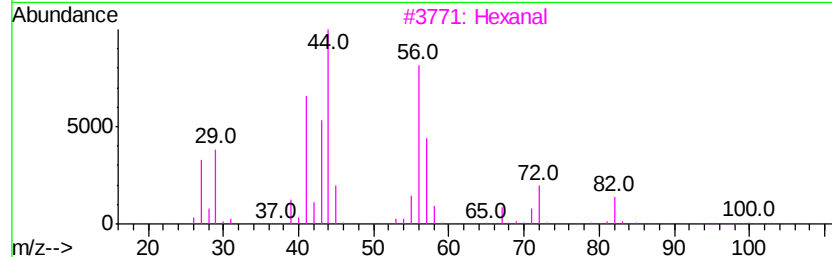
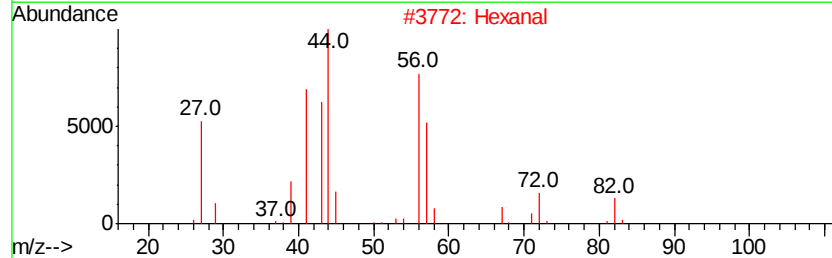
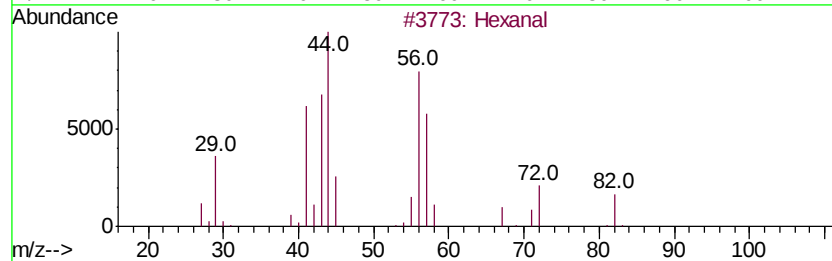
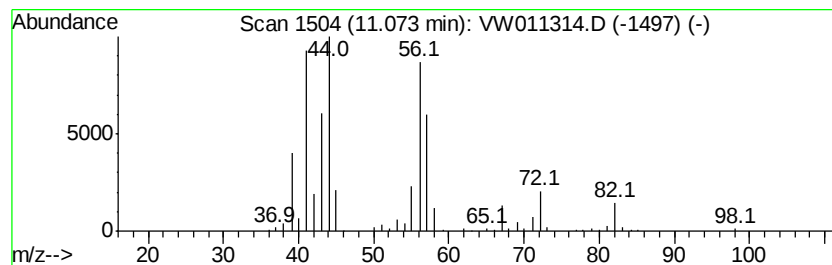
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Quant Title : VOC Analysis

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

Peak Number 6 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	4.15 ug/L	117960	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	80
2	Hexanal		100	C6H12O	000066-25-1	72
3	Hexanal		100	C6H12O	000066-25-1	72
4	Hexanal		100	C6H12O	000066-25-1	64
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011314.D
Acq On : 17 Jul 2019 19:09
Operator : SY/VA
Sample : K3798-09RE
Misc : 3.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6RE

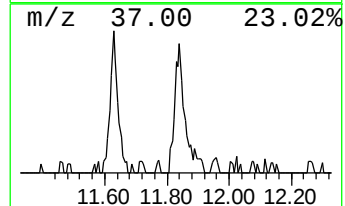
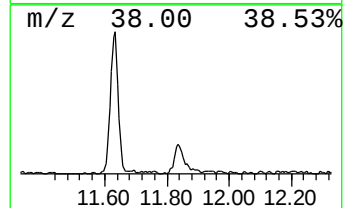
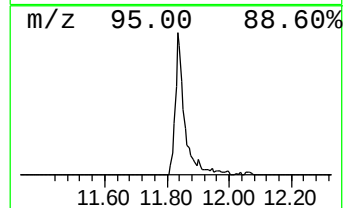
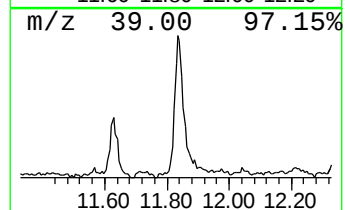
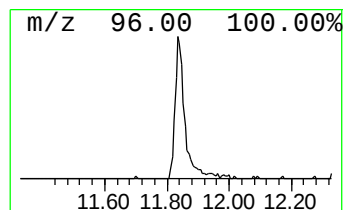
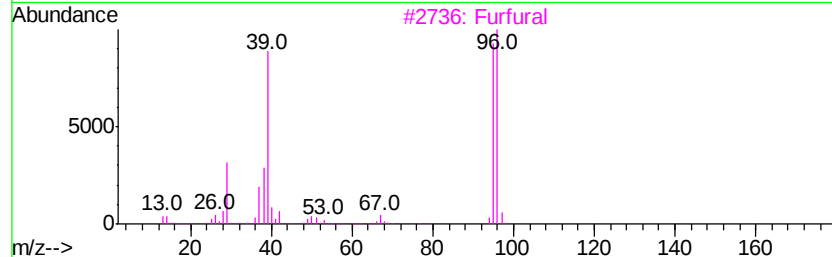
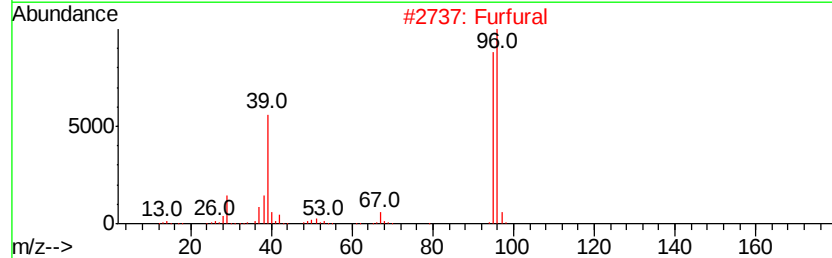
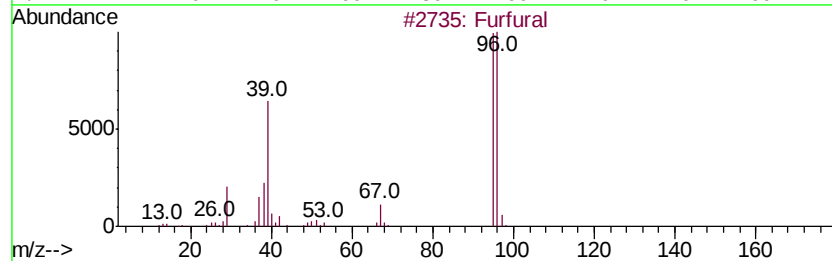
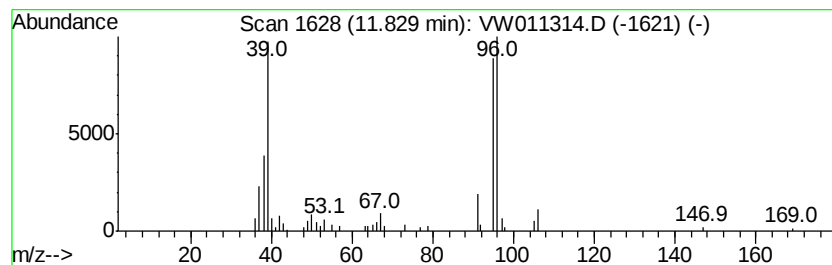
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Quant Title : VOC Analysis

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

Peak Number 7 Furfural Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	1.48 ug/L	42135	Chlorobenzene-d5	11.63

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071719\
Data File : VW011314.D
Acq On : 17 Jul 2019 19:09
Operator : SY/VA
Sample : K3798-09RE
Misc : 3.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6RE

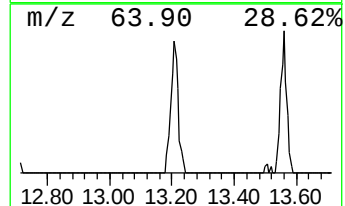
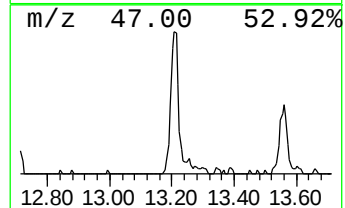
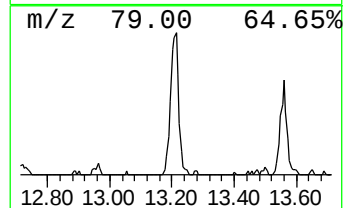
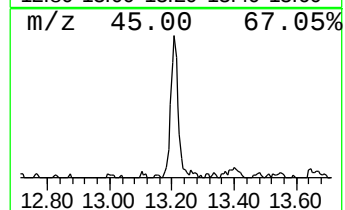
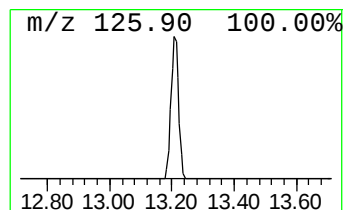
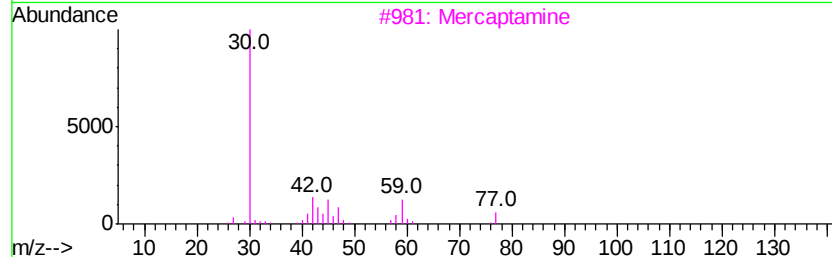
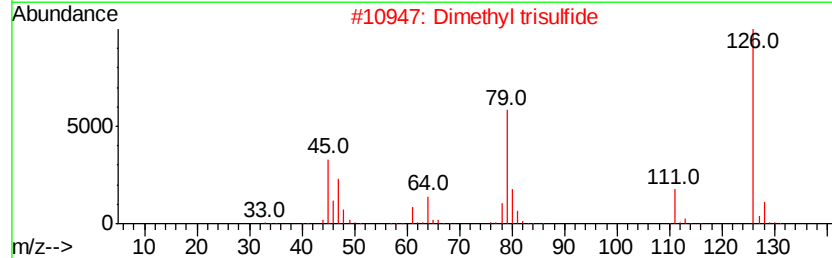
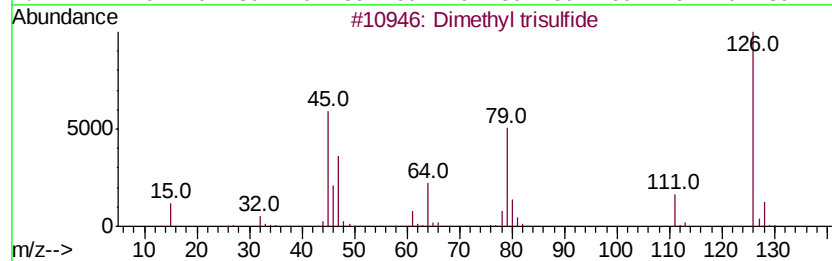
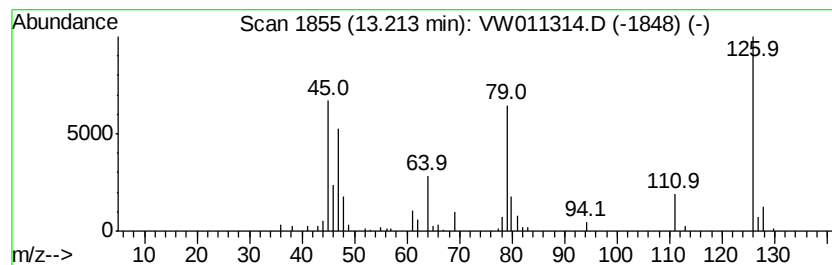
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 9 Dimethyl trisulfide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	1.83 ug/L	31817	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	93
3		Mercaptamine	77	C2H7NS	000060-23-1	35
4		Cyclohexene, 6-(methoxymethoxy)-...	187	C8H13NO4	114454-98-7	10
5		3H-Pyrazol-3-one, 1,2-dihydro-1,...	126	C6H10N2O	003201-26-1	10



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071719\
Data File : VW011314.D
Acq On : 17 Jul 2019 19:09
Operator : SY/VA
Sample : K3798-09RE
Misc : 3.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H6RE

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-	4.26	2.1	ug/L	57668	1	8.84	690499	25.0
Propanal, 2-methyl-	5.78	1.6	ug/L	42699	1	8.84	690499	25.0
Disulfide, dimethyl	10.13	4.0	ug/L	110687	1	8.84	690499	25.0
Hexanal	11.07	4.2	ug/L	117960	2	11.63	709770	25.0
Furfural	11.83	1.5	ug/L	42135	2	11.63	709770	25.0
Dimethyl trisulfide	13.21	1.8	ug/L	31817	3	13.56	433671	25.0