

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013639.D
 Acq On : 21 Oct 2019 16:44
 Operator : SY/VA
 Sample : K5422-07
 Misc : 6.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AB8

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\SOM2WLM101819S.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	2.349	69	73	81	rVB	45089	74914	14.82%	2.123%
2	2.891	155	162	172	rBV	31250	71038	14.05%	2.013%
3	3.300	223	229	236	rVB2	3620	7935	1.57%	0.225%
4	3.367	238	240	241	rBV2	574	602	0.12%	0.017%
5	3.525	258	266	274	rBV	18782	43025	8.51%	1.219%
6	3.647	284	286	288	rVB2	439	292	0.06%	0.008%
7	3.727	294	299	300	rBV2	630	1136	0.22%	0.032%
8	3.849	317	319	320	rBV	358	236	0.05%	0.007%
9	4.013	336	346	358	rVV	75131	197037	38.97%	5.584%
10	4.117	358	363	370	rVV2	3747	10444	2.07%	0.296%
11	4.202	370	377	392	rVB2	14299	39151	7.74%	1.109%
12	4.361	399	403	404	rBV2	661	751	0.15%	0.021%
13	4.452	417	418	422	rVB	298	260	0.05%	0.007%
14	4.623	443	446	447	rBV	272	279	0.06%	0.008%
15	4.672	447	454	462	rBV4	2893	8904	1.76%	0.252%
16	4.775	470	471	474	rBV2	302	215	0.04%	0.006%
17	4.836	478	481	483	rBV2	294	387	0.08%	0.011%
18	4.909	483	493	506	rVB2	25746	78731	15.57%	2.231%
19	5.098	522	524	527	rBV2	245	292	0.06%	0.008%
20	5.226	543	545	548	rVB2	322	311	0.06%	0.009%
21	5.300	552	557	559	rVB2	342	582	0.12%	0.016%
22	5.324	559	561	562	rBV	258	254	0.05%	0.007%
23	5.391	569	572	573	rVB	377	245	0.05%	0.007%
24	5.458	580	583	584	rBV	381	324	0.06%	0.009%
25	5.568	599	601	604	rVB2	253	263	0.05%	0.007%
26	5.598	604	606	608	rBV	249	260	0.05%	0.007%
27	5.763	630	633	634	rBV2	472	513	0.10%	0.015%
28	5.781	634	636	638	rVV2	511	469	0.09%	0.013%
29	5.946	654	663	673	rVV7	3716	11523	2.28%	0.327%
30	6.397	733	737	745	rBV4	810	2473	0.49%	0.070%
31	6.757	794	796	799	rVB	271	297	0.06%	0.008%
32	6.811	804	805	808	rVB2	344	224	0.04%	0.006%
33	6.933	823	825	828	rVB	395	322	0.06%	0.009%
34	6.988	828	834	836	rBV3	899	1606	0.32%	0.046%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	7.080	841	849	864	rBV2	11243	40660	8.04%	1.152%
36	7.647	931	942	959	rVB	89039	209273	41.39%	5.930%
37	7.897	982	983	987	rBV2	266	301	0.06%	0.009%
38	7.945	989	991	993	rVB2	386	309	0.06%	0.009%
39	7.970	993	995	998	rBV2	228	249	0.05%	0.007%
40	8.275	1034	1045	1064	rBV2	175524	505607	100.00%	14.328%
41	8.506	1079	1083	1085	rBV3	292	376	0.07%	0.011%
42	8.549	1085	1090	1097	rBV3	3303	6887	1.36%	0.195%
43	8.842	1130	1138	1148	rVV	131561	261917	51.80%	7.422%
44	8.976	1157	1160	1162	rBV	353	387	0.08%	0.011%
45	9.037	1167	1170	1171	rBV2	320	314	0.06%	0.009%
46	9.067	1171	1175	1176	rBV2	331	459	0.09%	0.013%
47	9.274	1200	1209	1220	rBV	116660	231964	45.88%	6.573%
48	9.427	1228	1234	1236	rBV3	485	801	0.16%	0.023%
49	9.476	1240	1242	1247	rVB2	273	369	0.07%	0.010%
50	9.512	1247	1248	1251	rBV	325	264	0.05%	0.007%
51	9.616	1260	1265	1267	rBV	446	523	0.10%	0.015%
52	9.683	1274	1276	1279	rVB2	401	452	0.09%	0.013%
53	9.713	1279	1281	1283	rBV	349	324	0.06%	0.009%
54	9.890	1306	1310	1313	rBV2	320	453	0.09%	0.013%
55	10.037	1326	1334	1342	rBV	54725	102832	20.34%	2.914%
56	10.134	1344	1350	1358	rVB2	16045	29890	5.91%	0.847%
57	10.274	1369	1373	1374	rBV	6363	7950	1.57%	0.225%
58	10.323	1375	1381	1389	rVB	246609	436450	86.32%	12.368%
59	10.469	1399	1405	1408	rBV	1565	3237	0.64%	0.092%
60	10.579	1417	1423	1432	rVB	33994	61404	12.14%	1.740%
61	10.701	1440	1443	1444	rBV2	887	783	0.15%	0.022%
62	10.756	1450	1452	1456	rBV2	390	433	0.09%	0.012%
63	10.823	1461	1463	1465	rBV	324	218	0.04%	0.006%
64	10.921	1471	1479	1499	rBV	42471	83543	16.52%	2.367%
65	11.073	1503	1504	1506	rVB	465	230	0.05%	0.007%
66	11.116	1509	1511	1514	rBV2	304	365	0.07%	0.010%
67	11.146	1514	1516	1518	rBV2	238	237	0.05%	0.007%
68	11.183	1521	1522	1524	rVB2	354	216	0.04%	0.006%
69	11.213	1526	1527	1531	rBV2	250	227	0.04%	0.006%
70	11.280	1535	1538	1540	rBV	379	502	0.10%	0.014%
71	11.463	1566	1568	1570	rBV2	250	226	0.04%	0.006%

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72	11.512	1574	1576	1577	rBV	230	212	0.04%	0.006%
73	11.628	1587	1595	1606	rBV	182021	311654	61.64%	8.832%
74	11.841	1624	1630	1634	rBV4	1024	2117	0.42%	0.060%
75	11.926	1641	1644	1646	rVB3	247	309	0.06%	0.009%
76	12.079	1665	1669	1671	rBV	333	555	0.11%	0.016%
77	12.158	1680	1682	1684	rBV2	629	448	0.09%	0.013%
78	12.493	1735	1737	1739	rBV2	319	231	0.05%	0.007%
79	12.530	1739	1743	1745	rBV2	456	713	0.14%	0.020%
80	12.585	1748	1752	1753	rBV2	329	355	0.07%	0.010%
81	12.695	1762	1770	1778	rVB	78041	131344	25.98%	3.722%
82	12.786	1783	1785	1786	rBV	402	269	0.05%	0.008%
83	12.890	1798	1802	1805	rVB3	953	1333	0.26%	0.038%
84	12.920	1805	1807	1808	rBV2	303	281	0.06%	0.008%
85	12.938	1808	1810	1811	rVV2	382	244	0.05%	0.007%
86	13.030	1823	1825	1827	rBV2	645	620	0.12%	0.018%
87	13.127	1839	1841	1844	rBV2	461	421	0.08%	0.012%
88	13.207	1847	1854	1859	rVV3	6353	10474	2.07%	0.297%
89	13.262	1859	1863	1864	rBV3	420	595	0.12%	0.017%
90	13.365	1876	1880	1882	rBV	455	607	0.12%	0.017%
91	13.408	1882	1887	1891	rVV3	836	1585	0.31%	0.045%
92	13.444	1891	1893	1899	rVV3	701	838	0.17%	0.024%
93	13.554	1905	1911	1923	rBV	155326	259922	51.41%	7.366%
94	13.707	1935	1936	1939	rBV2	336	217	0.04%	0.006%
95	13.853	1953	1960	1969	rVB	147135	254448	50.33%	7.210%
96	13.957	1973	1977	1978	rBV3	619	582	0.12%	0.016%
97	13.987	1980	1982	1983	rBV	369	224	0.04%	0.006%
98	14.072	1993	1996	2002	rBV2	1140	1691	0.33%	0.048%
99	14.469	2060	2061	2064	rBV2	365	369	0.07%	0.010%
100	14.493	2064	2065	2066	rBV	451	275	0.05%	0.008%

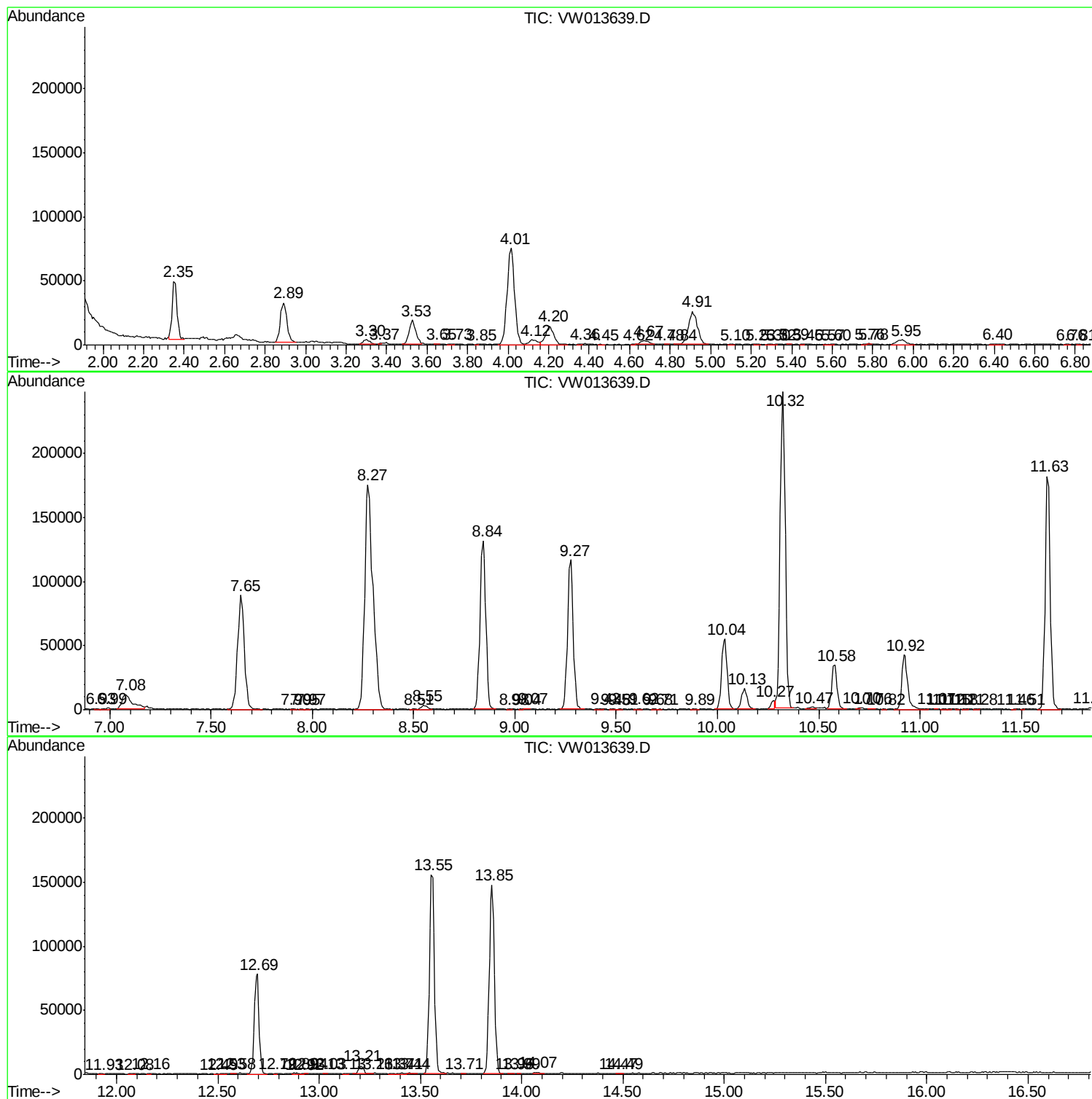
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



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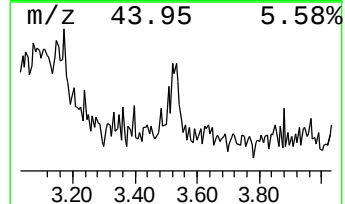
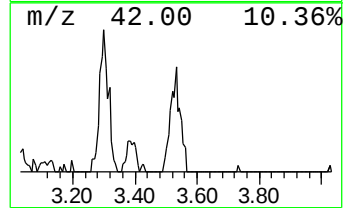
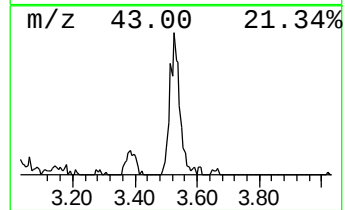
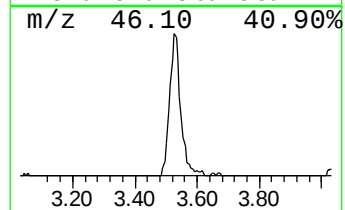
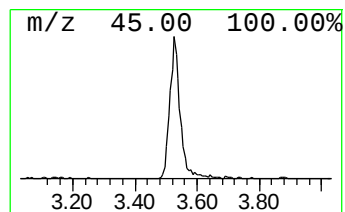
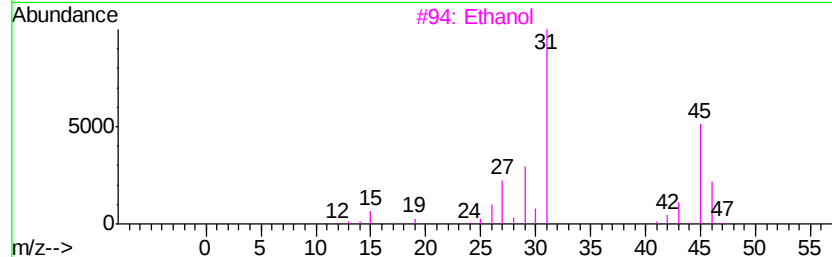
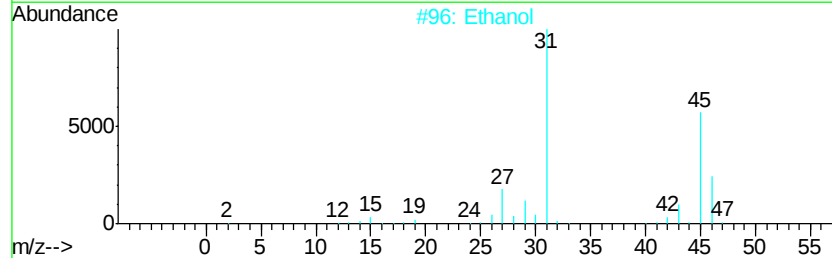
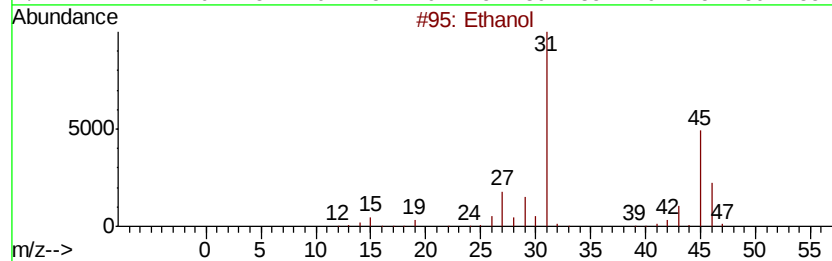
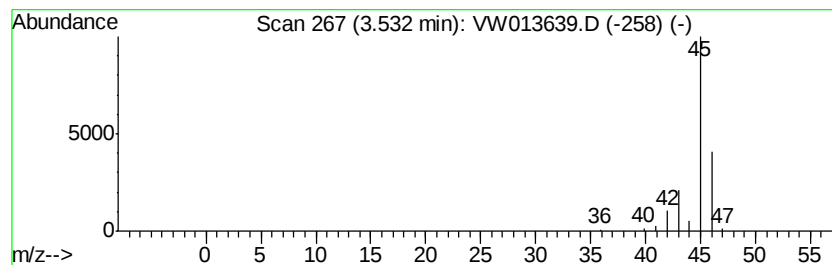
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	4.11 ug/L	43025	1,4-Difluorobenzene	8.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol		46	C2H6O	000064-17-5	83
2	Ethanol		46	C2H6O	000064-17-5	74
3	Ethanol		46	C2H6O	000064-17-5	64
4	Dimethyl ether		46	C2H6O	000115-10-6	9
5	Methane, nitroso-		45	CH3NO	000865-40-7	4



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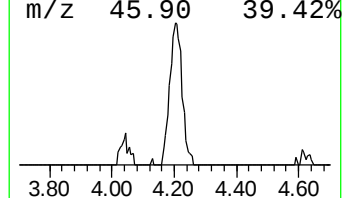
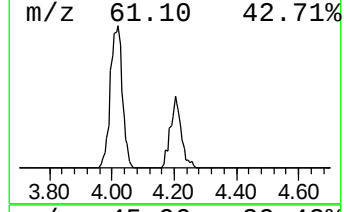
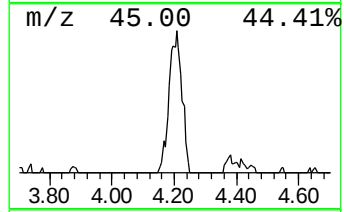
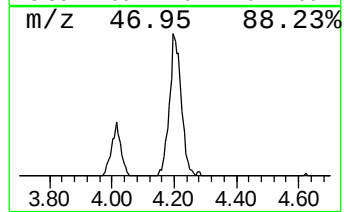
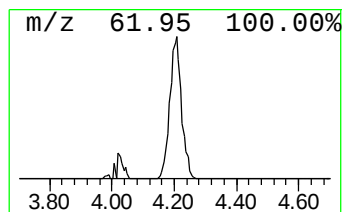
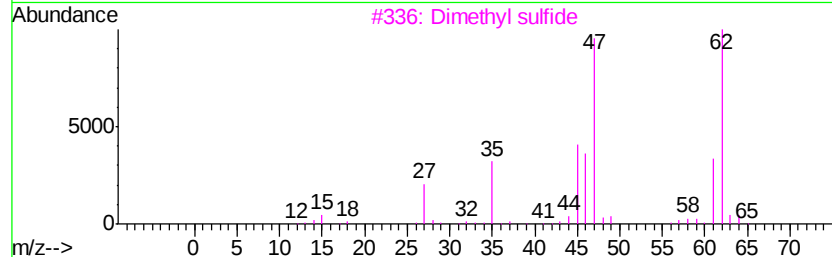
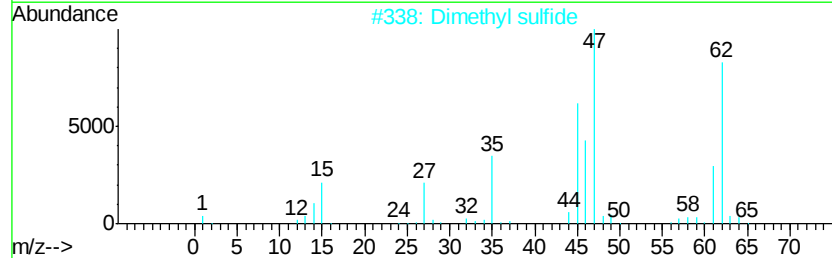
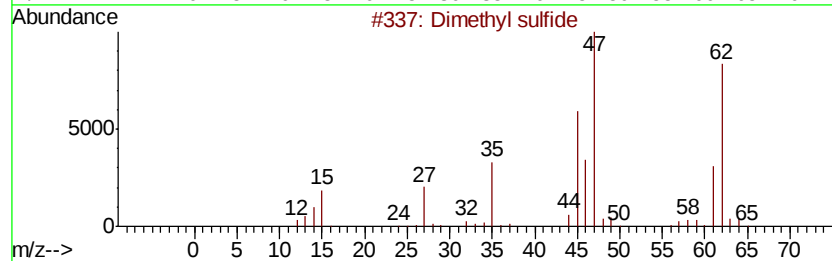
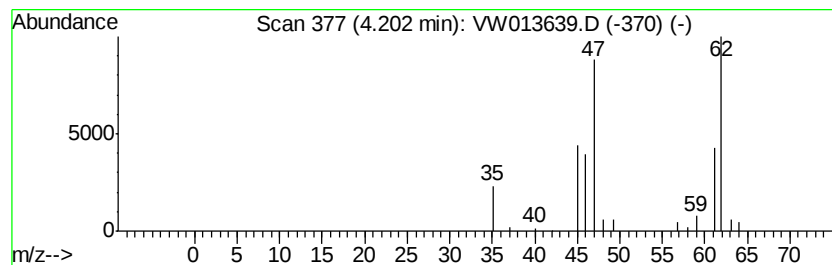
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 2 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	3.74 ug/L	39151	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2		Dimethyl sulfide	62	C2H6S	000075-18-3	91
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90
5		Dimethyl sulfide	62	C2H6S	000075-18-3	86



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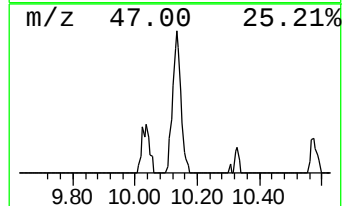
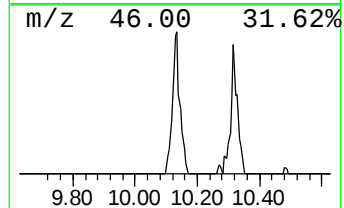
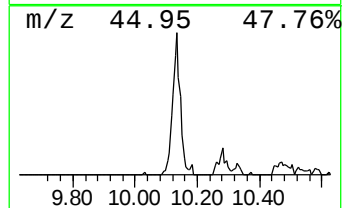
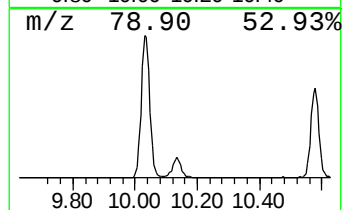
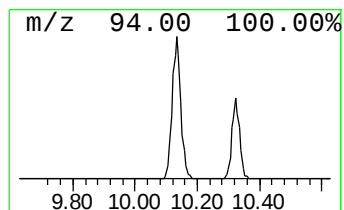
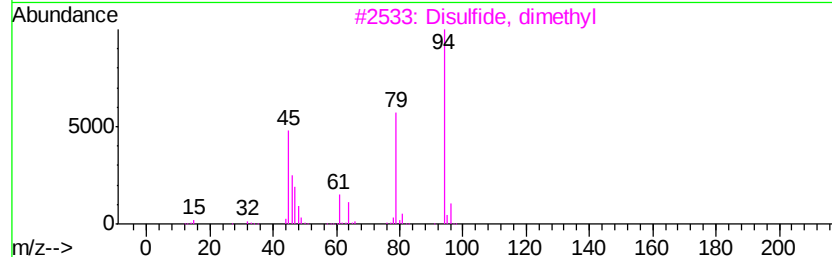
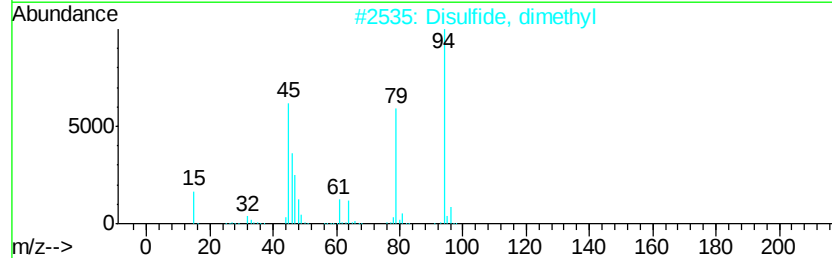
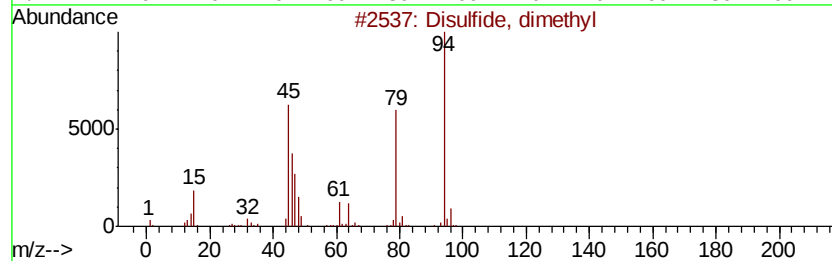
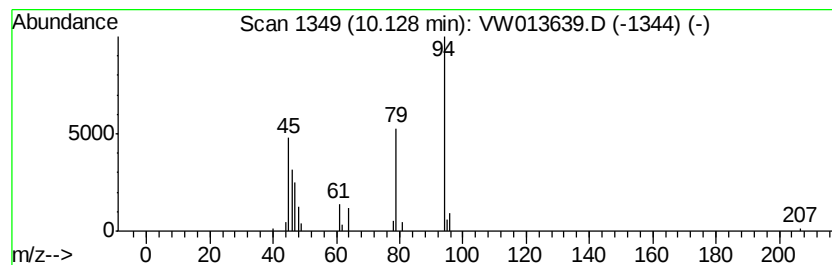
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Quant Title : VOC Analysis

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

Peak Number 4 Disulfide, dimethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.85 ug/L	29890	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	95
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	91



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ClientSampleId :
C0AB8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.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
Ethanol	3.53	4.1	ug/L	43025	1	8.84	261917	25.0
Dimethyl sulfide	4.20	3.7	ug/L	39151	1	8.84	261917	25.0
Disulfide, dimethyl	10.13	2.9	ug/L	29890	1	8.84	261917	25.0