

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014279.D
 Acq On : 10 Dec 2019 14:04
 Operator : SY/VA
 Sample : K6171-14
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BX1

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\SOM2WLM120519S.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	1.959	5	9	10	rBV3	10830	13121	0.30%	0.040%
2	2.154	35	41	49	rBV2	18895	50838	1.16%	0.156%
3	2.215	49	51	55	rVV5	2626	4850	0.11%	0.015%
4	2.349	66	73	84	rBV	369292	672341	15.33%	2.061%
5	2.495	90	97	106	rBV	63489	145593	3.32%	0.446%
6	2.648	117	122	130	rVB	29992	60293	1.37%	0.185%
7	2.885	152	161	173	rBV	238819	576949	13.16%	1.769%
8	3.385	237	243	250	rVB4	3807	9198	0.21%	0.028%
9	3.531	255	267	284	rBV	85747	261451	5.96%	0.802%
10	4.019	333	347	359	rBV	485506	1573373	35.88%	4.824%
11	4.123	359	364	369	rVV2	38770	105379	2.40%	0.323%
12	4.202	369	377	399	rVV2	174742	583797	13.31%	1.790%
13	4.391	403	408	420	rVB3	9466	30083	0.69%	0.092%
14	4.909	481	493	509	rBV4	17178	72594	1.66%	0.223%
15	5.781	624	636	645	rBV	13822	45464	1.04%	0.139%
16	5.934	652	661	670	rBV7	5417	17586	0.40%	0.054%
17	6.385	726	735	754	rBV3	41210	133977	3.05%	0.411%
18	7.074	837	848	853	rBV	114375	320136	7.30%	0.981%
19	7.128	853	857	873	rVB2	86747	291490	6.65%	0.894%
20	7.500	912	918	919	rVV5	2940	3690	0.08%	0.011%
21	7.525	919	922	924	rVV3	3076	4890	0.11%	0.015%
22	7.647	931	942	956	rVB	701662	1741851	39.72%	5.340%
23	7.878	975	980	983	rBV6	1624	2854	0.07%	0.009%
24	7.951	986	992	996	rVB7	2457	5133	0.12%	0.016%
25	8.275	1032	1045	1061	rBV2	1522459	4385665	100.00%	13.446%
26	8.549	1081	1090	1098	rBV2	36551	79548	1.81%	0.244%
27	8.713	1109	1117	1126	rVB3	21258	51044	1.16%	0.156%
28	8.842	1127	1138	1152	rBV	1357772	2714972	61.91%	8.324%
29	9.024	1163	1168	1173	rVV4	10739	22428	0.51%	0.069%
30	9.067	1173	1175	1181	rVB7	5828	10556	0.24%	0.032%
31	9.274	1197	1209	1219	rBV	984818	2021834	46.10%	6.199%
32	9.756	1282	1288	1293	rBV3	7221	17186	0.39%	0.053%
33	9.829	1298	1300	1301	rVV2	3288	3159	0.07%	0.010%
34	9.854	1302	1304	1305	rVV	3830	3675	0.08%	0.011%

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 Title : VOC Analysis

35	9.890	1305	1310	1317	rVB5	15848	35944	0.82%	0.110%
36	10.030	1323	1333	1342	rBV	482509	879609	20.06%	2.697%
37	10.134	1342	1350	1359	rVV	143730	371915	8.48%	1.140%
38	10.207	1359	1362	1365	rVV2	10967	18087	0.41%	0.055%
39	10.250	1365	1369	1372	rVV2	8290	16393	0.37%	0.050%
40	10.323	1372	1381	1387	rVV	1993520	3577528	81.57%	10.968%
41	10.384	1387	1391	1398	rVB	82920	146862	3.35%	0.450%
42	10.573	1415	1422	1438	rBV	309929	540702	12.33%	1.658%
43	10.701	1438	1443	1450	rBV2	55821	93823	2.14%	0.288%
44	10.762	1450	1453	1457	rBV6	4562	8194	0.19%	0.025%
45	10.920	1473	1479	1495	rBV	456066	790515	18.02%	2.424%
46	11.061	1497	1502	1513	rVV	50513	95752	2.18%	0.294%
47	11.170	1517	1520	1527	rVB7	5883	11273	0.26%	0.035%
48	11.274	1533	1537	1538	rBV3	2654	3951	0.09%	0.012%
49	11.402	1555	1558	1559	rBV3	2382	2727	0.06%	0.008%
50	11.439	1559	1564	1570	rVB	20677	35464	0.81%	0.109%
51	11.628	1587	1595	1607	rBV	1713324	2889459	65.88%	8.859%
52	11.835	1625	1629	1635	rBV5	3466	7826	0.18%	0.024%
53	11.939	1642	1646	1650	rBV6	2116	3285	0.07%	0.010%
54	12.018	1655	1659	1664	rVB8	3201	4892	0.11%	0.015%
55	12.170	1679	1684	1687	rBV6	5687	12009	0.27%	0.037%
56	12.335	1707	1711	1712	rBV3	4490	3981	0.09%	0.012%
57	12.365	1712	1716	1721	rVB5	10394	16954	0.39%	0.052%
58	12.469	1728	1733	1738	rVB3	7630	11548	0.26%	0.035%
59	12.609	1747	1756	1762	rBV	68585	121634	2.77%	0.373%
60	12.688	1762	1769	1778	rBV	654911	1122129	25.59%	3.440%
61	12.890	1798	1802	1804	rVV4	4789	6238	0.14%	0.019%
62	12.932	1804	1809	1815	rVV	22409	38354	0.87%	0.118%
63	13.024	1822	1824	1829	rVB6	3074	4590	0.10%	0.014%
64	13.085	1829	1834	1837	rVB6	2474	3051	0.07%	0.009%
65	13.164	1841	1847	1848	rBV4	2722	3882	0.09%	0.012%
66	13.207	1848	1854	1862	rVV	54000	98320	2.24%	0.301%
67	13.292	1862	1868	1875	rVB2	15929	31410	0.72%	0.096%
68	13.371	1875	1881	1882	rBV5	1939	2930	0.07%	0.009%
69	13.402	1882	1886	1891	rVV3	7869	12568	0.29%	0.039%
70	13.463	1891	1896	1898	rVV6	4569	7774	0.18%	0.024%
71	13.505	1898	1903	1904	rVV4	8890	17716	0.40%	0.054%

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72	13.554	1905	1911	1918	rVV	1344159	2172956	49.55%	6.662%
73	13.615	1918	1921	1932	rVB9	26822	64355	1.47%	0.197%
74	13.707	1932	1936	1940	rBV6	2495	3637	0.08%	0.011%
75	13.761	1940	1945	1948	rBV6	6917	11066	0.25%	0.034%
76	13.792	1948	1950	1953	rVV4	3693	5706	0.13%	0.017%
77	13.853	1953	1960	1967	rVV	1316987	2200569	50.18%	6.747%
78	13.902	1967	1968	1973	rVV4	10039	12909	0.29%	0.040%
79	13.950	1973	1976	1980	rVV5	4563	6710	0.15%	0.021%
80	14.017	1983	1987	1990	rVV4	6397	11602	0.26%	0.036%
81	14.066	1990	1995	2004	rVB	51088	86442	1.97%	0.265%
82	14.164	2009	2011	2013	rBV3	2833	2809	0.06%	0.009%
83	14.225	2013	2021	2031	rBV2	429265	787439	17.95%	2.414%
84	14.322	2035	2037	2041	rVB3	9399	11196	0.26%	0.034%
85	14.359	2041	2043	2045	rBV3	3312	2326	0.05%	0.007%
86	14.499	2064	2066	2067	rBV2	3826	3401	0.08%	0.010%
87	14.584	2077	2080	2086	rVB8	3464	5283	0.12%	0.016%
88	14.725	2098	2103	2107	rVB7	6794	11912	0.27%	0.037%
89	14.840	2118	2122	2123	rBV4	2351	2429	0.06%	0.007%
90	14.975	2141	2144	2145	rBV3	3594	3139	0.07%	0.010%
91	15.066	2156	2159	2162	rVB4	4852	6250	0.14%	0.019%
92	15.115	2164	2167	2171	rBV6	6447	9142	0.21%	0.028%
93	15.261	2189	2191	2194	rVV4	2841	2731	0.06%	0.008%
94	15.328	2199	2202	2206	rBV6	2469	4529	0.10%	0.014%
95	15.438	2212	2220	2225	rVV2	42593	73997	1.69%	0.227%
96	15.493	2225	2229	2234	rVB3	5592	9639	0.22%	0.030%
97	15.767	2271	2274	2276	rVB4	2815	2867	0.07%	0.009%
98	15.950	2301	2304	2307	rBV5	2830	4081	0.09%	0.013%
99	16.096	2324	2328	2335	rVB9	4052	8601	0.20%	0.026%
100	16.291	2358	2360	2364	rVV5	2711	3115	0.07%	0.010%

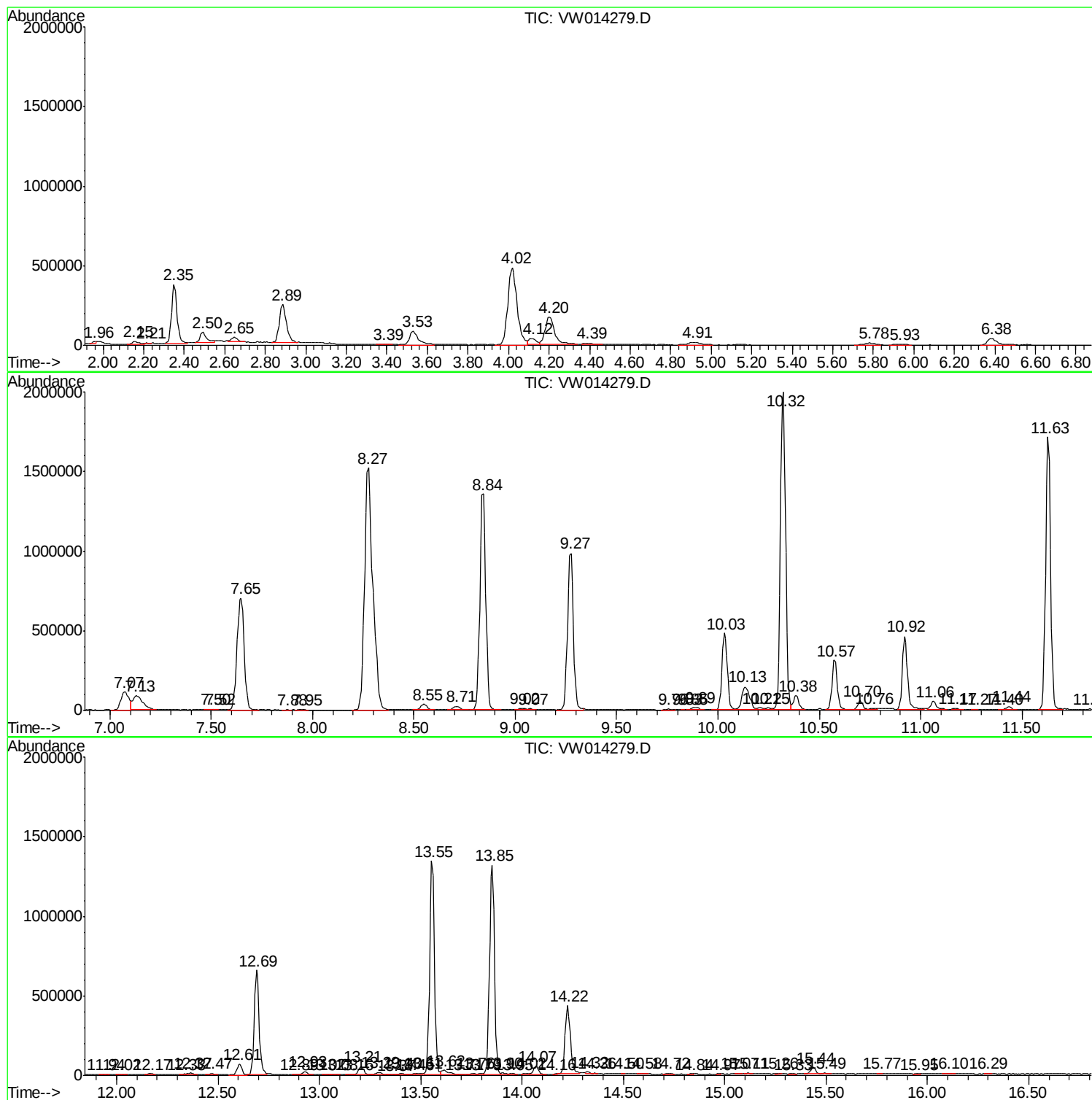
Sum of corrected areas: 32617125

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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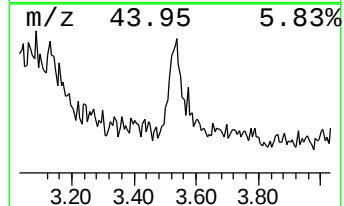
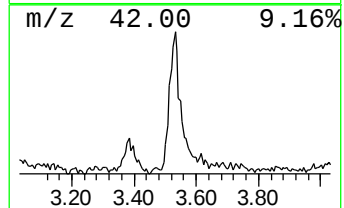
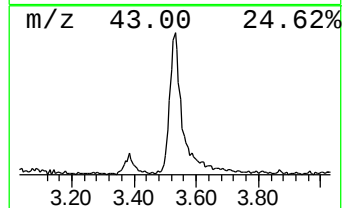
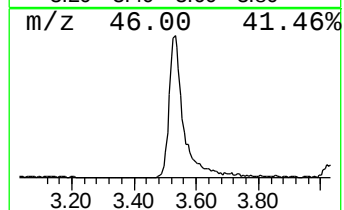
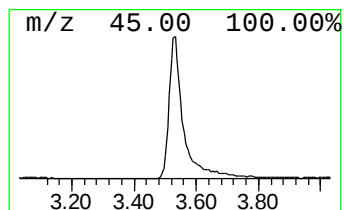
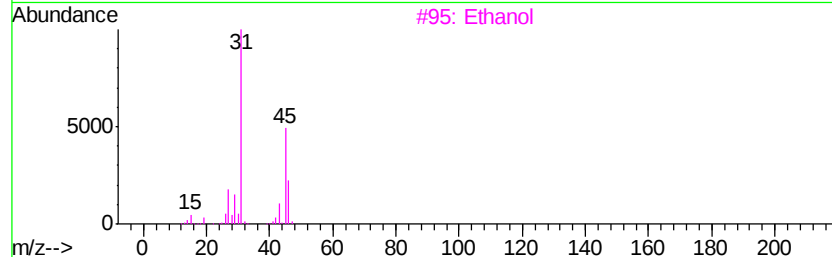
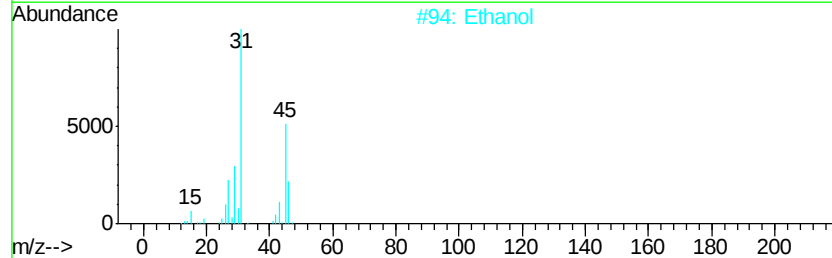
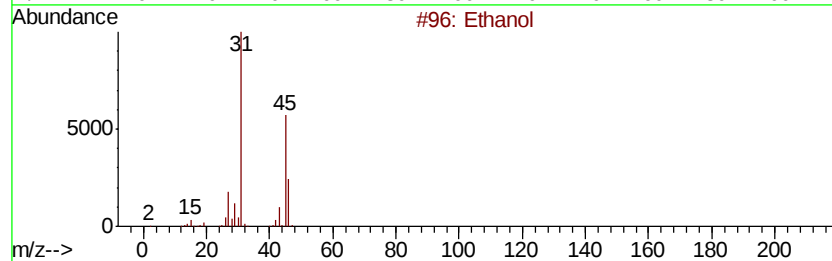
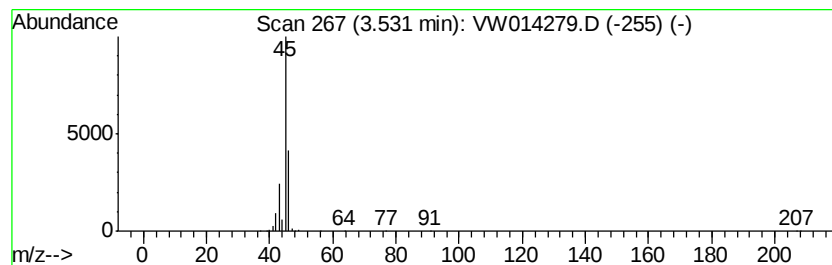
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	2.41 ug/L	261451	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	64
2		Ethanol	46	C2H6O	000064-17-5	56
3		Ethanol	46	C2H6O	000064-17-5	43
4		Dimethyl ether	46	C2H6O	000115-10-6	9
5		Dimethyl ether	46	C2H6O	000115-10-6	9



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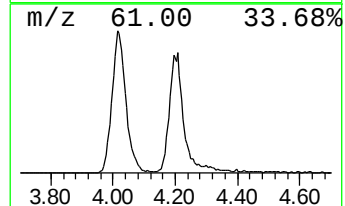
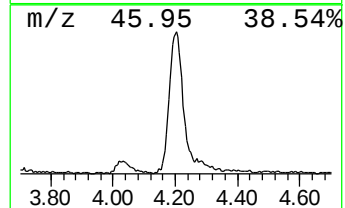
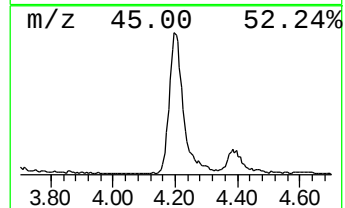
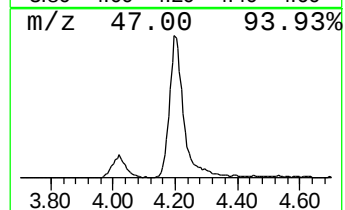
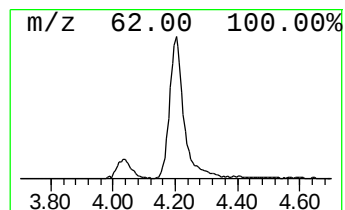
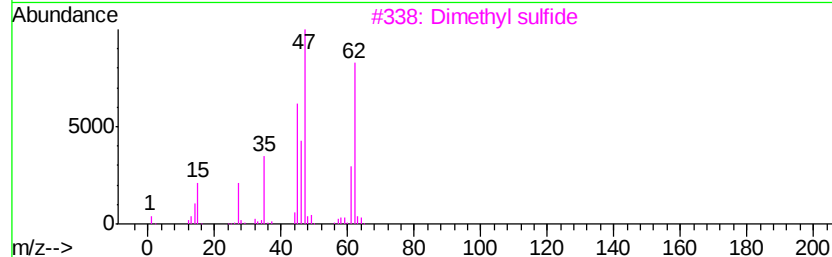
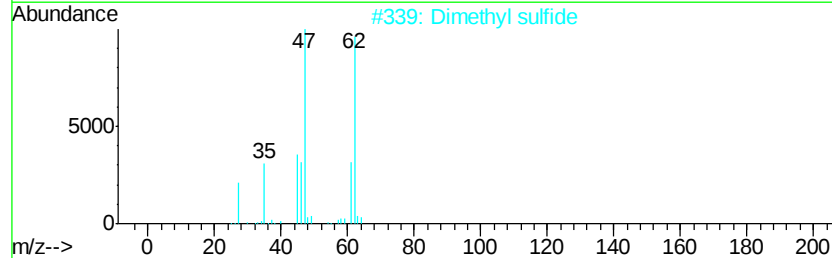
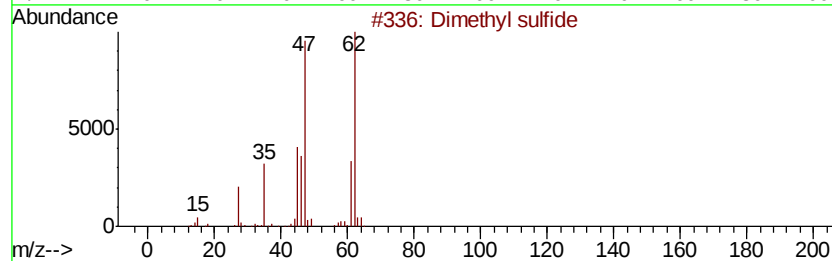
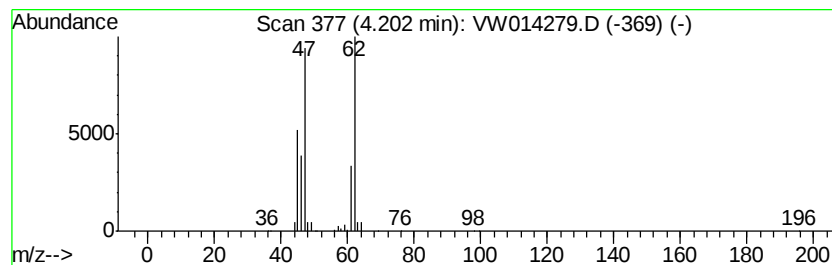
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 3 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	5.38 ug/L	583797	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	91
3		Dimethyl sulfide	62	C2H6S	000075-18-3	91
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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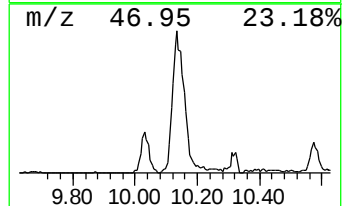
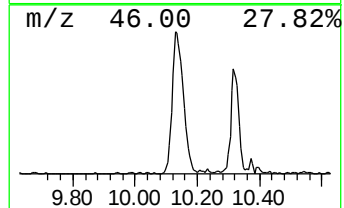
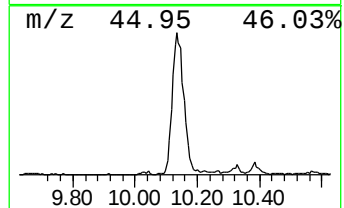
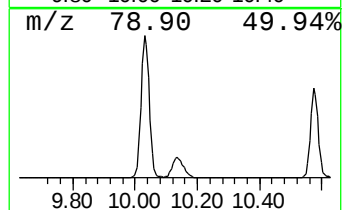
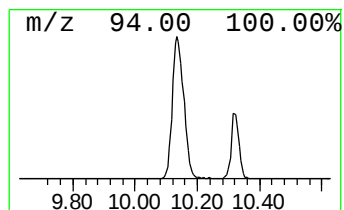
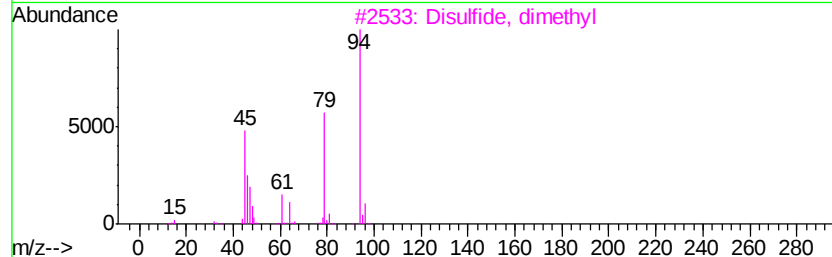
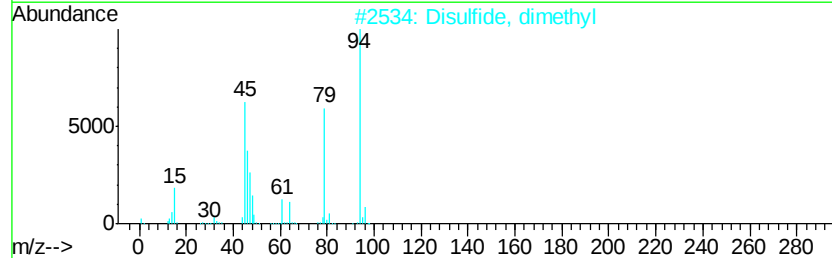
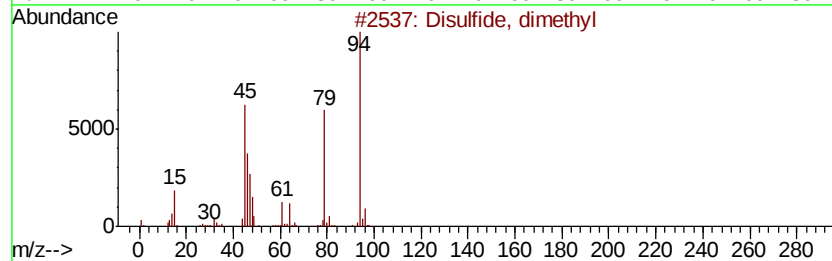
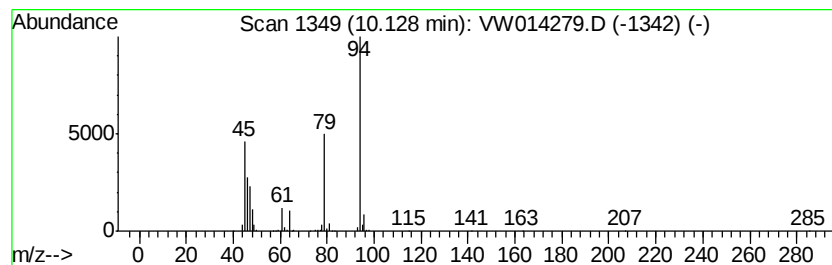
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Disulfide, dimethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	3.42 ug/L	371915	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	96
4		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
5		Disulfide, dimethyl	94	C2H6S2	000624-92-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121019\
Data File : VW014279.D
Acq On : 10 Dec 2019 14:04
Operator : SY/VA
Sample : K6171-14
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BX1

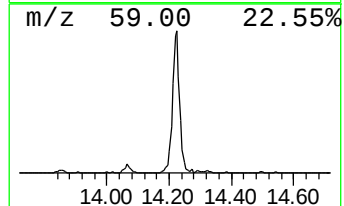
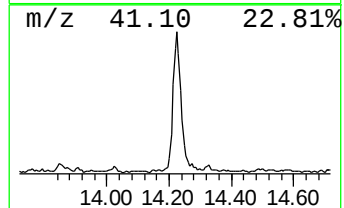
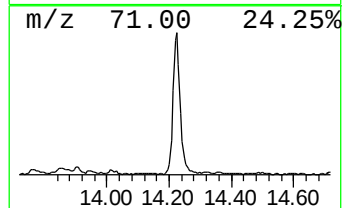
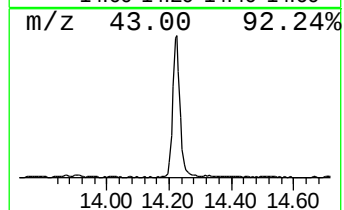
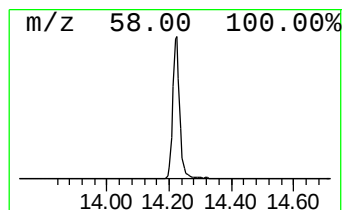
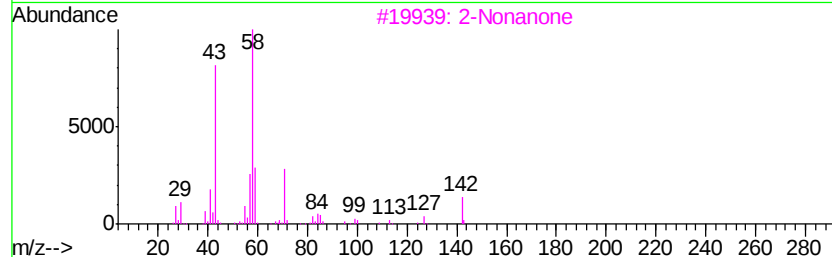
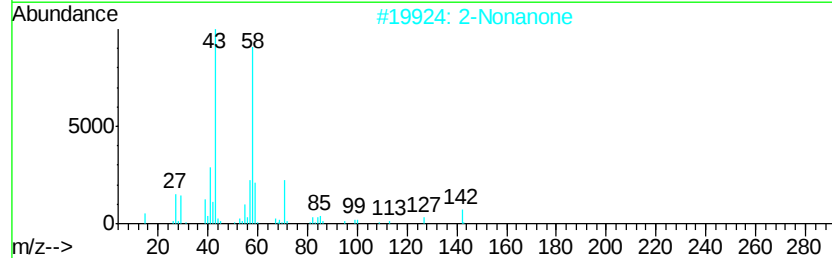
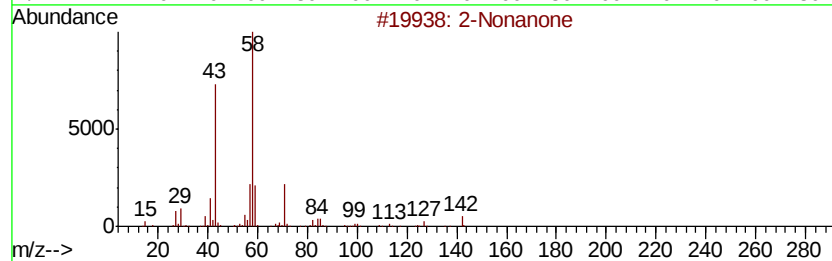
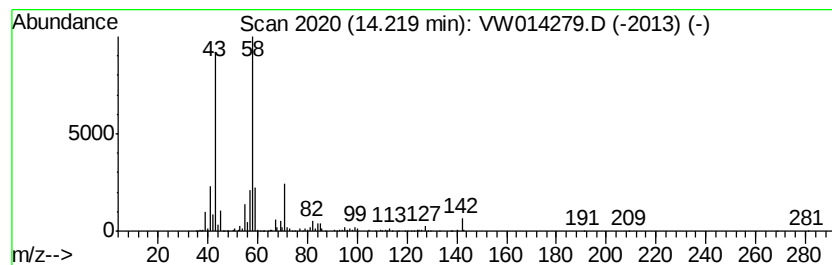
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Quant Title : VOC Analysis

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

Peak Number 7 2-Nonanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	9.06 ug/L	787439	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonanone	142	C9H18O	000821-55-6	93
2		2-Nonanone	142	C9H18O	000821-55-6	93
3		2-Nonanone	142	C9H18O	000821-55-6	81
4		2-Nonanone	142	C9H18O	000821-55-6	74
5		2-Dodecanone	184	C12H24O	006175-49-1	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121019\
Data File : VW014279.D
Acq On : 10 Dec 2019 14:04
Operator : SY/VA
Sample : K6171-14
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BX1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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	2.4	ug/L	261451	1	8.84	2714970	25.0
Dimethyl sulfide	4.20	5.4	ug/L	583797	1	8.84	2714970	25.0
Disulfide, dimethyl	10.13	3.4	ug/L	371915	1	8.84	2714970	25.0
2-Nonanone	14.22	9.1	ug/L	787439	3	13.55	2172960	25.0