

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009126.D
 Acq On : 02 Jun 2022 14:41
 Operator : KP/MD
 Sample : N3099-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220429-AMENDED-COMPOSITE-I

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Title : SW846 8260

Signal : TIC: VY009126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.381	86	92	102	rVB	45530	77900	11.22%	1.499%
2	2.510	107	113	117	rBV4	10504	20517	2.96%	0.395%
3	2.552	117	120	135	rVV	77921	150047	21.62%	2.888%
4	3.942	338	348	354	rBV	38989	104811	15.10%	2.017%
5	4.028	354	362	375	rVV	101507	269459	38.82%	5.186%
6	4.186	378	388	404	rVB	59964	165011	23.77%	3.176%
7	4.710	464	474	484	rBV2	11849	37534	5.41%	0.722%
8	5.741	634	643	649	rBV5	3278	9623	1.39%	0.185%
9	6.984	836	847	861	rBV3	22993	73401	10.57%	1.413%
10	7.710	957	966	972	rBV	46534	114533	16.50%	2.204%
11	7.783	972	978	988	rVB	149643	344437	49.62%	6.629%
12	8.137	1025	1036	1046	rBV	103412	228664	32.94%	4.401%
13	8.319	1060	1066	1074	rBV4	2931	7385	1.06%	0.142%
14	8.685	1117	1126	1136	rBV	246047	484816	69.85%	9.331%
15	8.880	1151	1158	1169	rBV3	16273	37490	5.40%	0.722%
16	9.142	1195	1201	1203	rBV4	4113	7757	1.12%	0.149%
17	9.185	1204	1208	1213	rVV6	5230	9383	1.35%	0.181%
18	9.258	1213	1220	1226	rVV6	2873	6979	1.01%	0.134%
19	9.606	1271	1277	1284	rVB4	4672	10031	1.45%	0.193%
20	9.746	1293	1300	1306	rBV4	5265	11113	1.60%	0.214%
21	10.179	1364	1371	1379	rBV	400797	694128	100.00%	13.360%
22	10.801	1468	1473	1477	rBV3	4681	7555	1.09%	0.145%
23	10.935	1483	1495	1505	rBV7	9729	24930	3.59%	0.480%
24	11.093	1515	1521	1525	rVV2	7219	12410	1.79%	0.239%
25	11.490	1579	1586	1595	rBV	375554	600758	86.55%	11.563%
26	11.685	1611	1618	1622	rBV6	4601	10702	1.54%	0.206%
27	12.002	1663	1670	1677	rBV9	8439	27607	3.98%	0.531%
28	12.118	1682	1689	1693	rVB5	8585	21220	3.06%	0.408%
29	12.203	1698	1703	1706	rBV6	10883	21236	3.06%	0.409%
30	12.233	1706	1708	1713	rVB6	10845	13727	1.98%	0.264%
31	12.300	1713	1719	1720	rBV6	5051	8339	1.20%	0.160%
32	12.483	1742	1749	1756	rVB	278628	446304	64.30%	8.590%
33	12.575	1759	1764	1768	rVB6	5310	8650	1.25%	0.166%
34	12.642	1768	1775	1783	rVB6	11480	23807	3.43%	0.458%
35	12.721	1783	1788	1793	rBV6	8487	21276	3.07%	0.409%
36	12.813	1796	1803	1804	rVV6	13002	26895	3.87%	0.518%

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37	12.837	1805	1807	1816	rVB3	17678	31140	4.49%	0.599%
38	12.947	1822	1825	1829	rVB5	7639	10303	1.48%	0.198%
39	13.002	1829	1834	1837	rBV6	5281	8741	1.26%	0.168%
40	13.038	1837	1840	1843	rBV3	9439	13133	1.89%	0.253%
41	13.123	1850	1854	1858	rBV5	6909	12036	1.73%	0.232%
42	13.166	1858	1861	1867	rVB4	10836	15573	2.24%	0.300%
43	13.282	1872	1880	1884	rBV6	12270	28313	4.08%	0.545%
44	13.422	1897	1903	1910	rBV	341072	534322	76.98%	10.284%
45	13.526	1917	1920	1923	rVB5	5605	7274	1.05%	0.140%
46	13.617	1931	1935	1942	rVB10	4635	11516	1.66%	0.222%
47	13.690	1942	1947	1950	rBV7	3885	8567	1.23%	0.165%
48	13.745	1951	1956	1961	rBV7	14784	28985	4.18%	0.558%
49	13.965	1986	1992	1997	rVB5	17312	29312	4.22%	0.564%
50	14.014	1997	2000	2005	rVB4	7730	11506	1.66%	0.221%
51	14.075	2006	2010	2013	rBV5	10346	12675	1.83%	0.244%
52	14.142	2018	2021	2027	rVB8	9322	17712	2.55%	0.341%
53	14.209	2027	2032	2034	rBV5	6073	10288	1.48%	0.198%
54	14.264	2034	2041	2047	rBV10	13387	39375	5.67%	0.758%
55	14.385	2057	2061	2064	rBV4	9561	13561	1.95%	0.261%
56	14.422	2064	2067	2071	rVB5	12625	18154	2.62%	0.349%
57	14.477	2071	2076	2081	rBV8	5529	11502	1.66%	0.221%
58	14.617	2095	2099	2103	rVB7	6062	8719	1.26%	0.168%
59	14.684	2105	2110	2114	rVV7	11605	23805	3.43%	0.458%
60	14.727	2114	2117	2123	rVB3	16855	28557	4.11%	0.550%
61	14.940	2149	2152	2157	rVB7	8895	11970	1.72%	0.230%
62	15.208	2192	2196	2204	rBV4	13980	28395	4.09%	0.547%
63	15.532	2243	2249	2255	rBV10	8682	21706	3.13%	0.418%
64	15.605	2257	2261	2266	rVB6	13809	24937	3.59%	0.480%
65	15.885	2301	2307	2313	rBV9	8719	21024	3.03%	0.405%
66	16.483	2400	2405	2410	rBV8	6053	12127	1.75%	0.233%

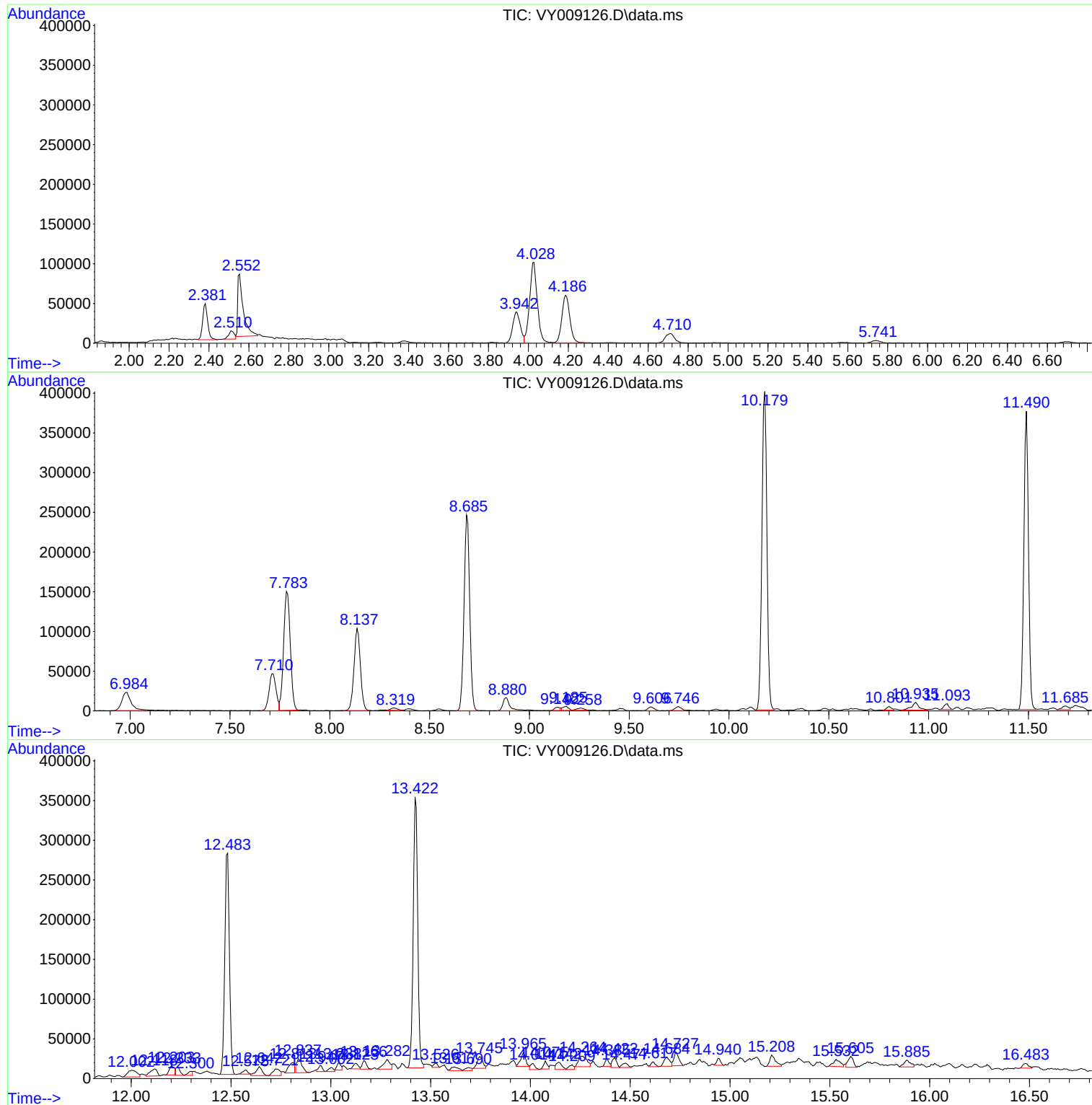
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
20220429-AMENDED-COMPOSITE-I

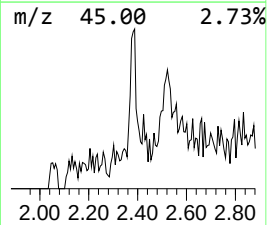
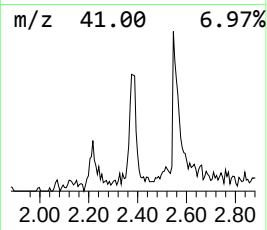
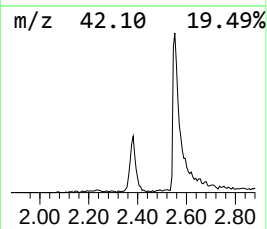
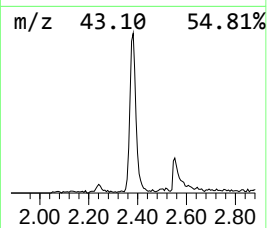
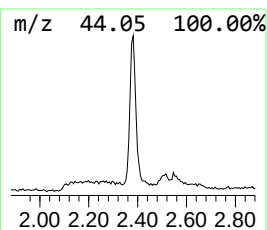
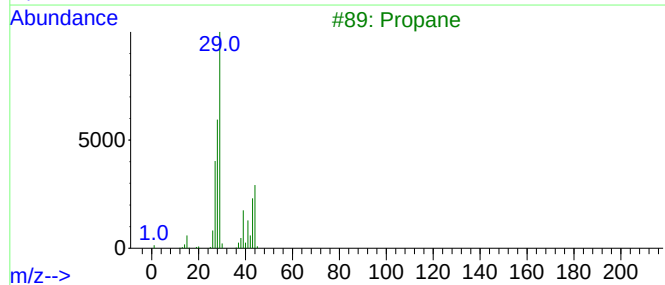
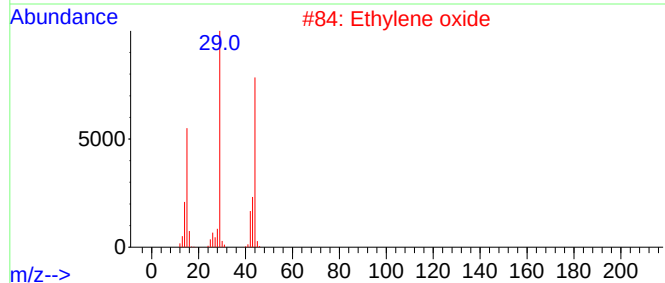
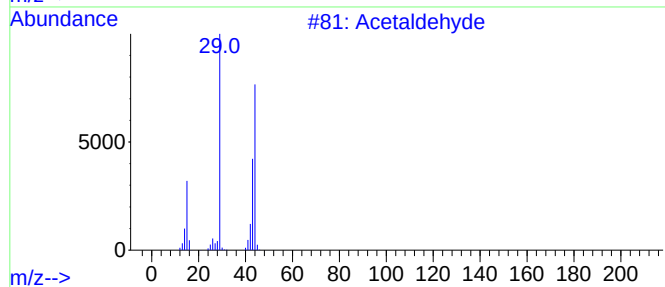
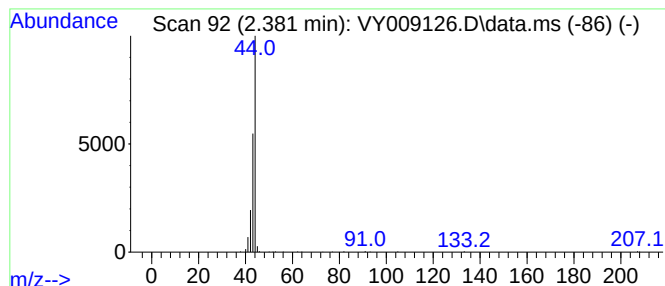
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.381	11.31 ug/l	77900	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	64
2			Ethylene oxide	44	C2H4O	000075-21-8	5
3			Propane	44	C3H8	000074-98-6	4
4			L-Alanine, methyl ester	103	C4H9NO2	010065-72-2	4
5			Alanine	89	C3H7NO2	000056-41-7	4



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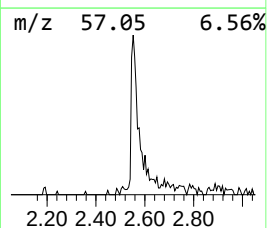
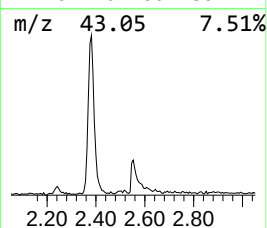
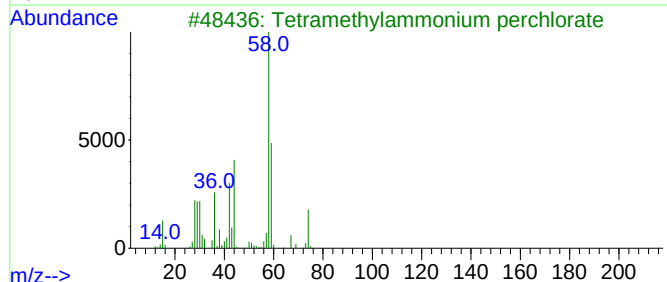
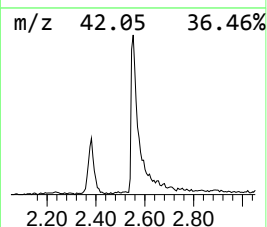
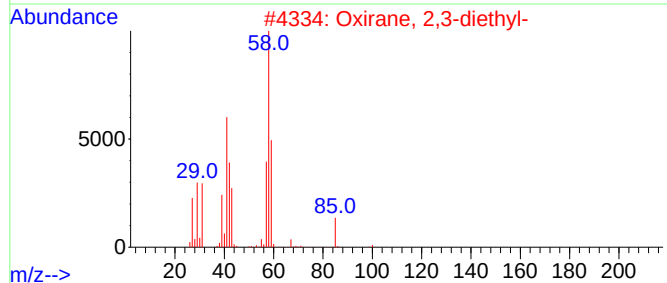
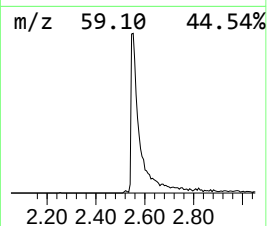
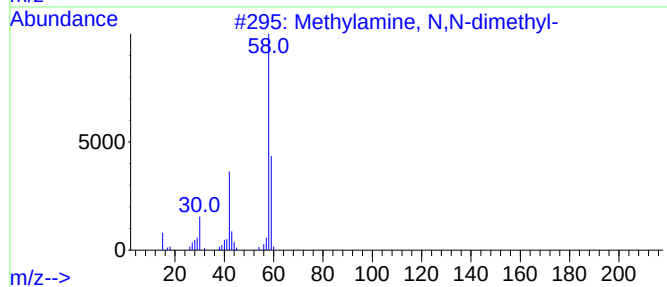
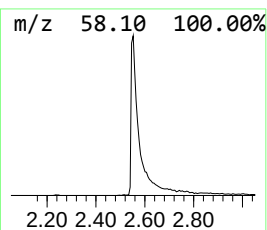
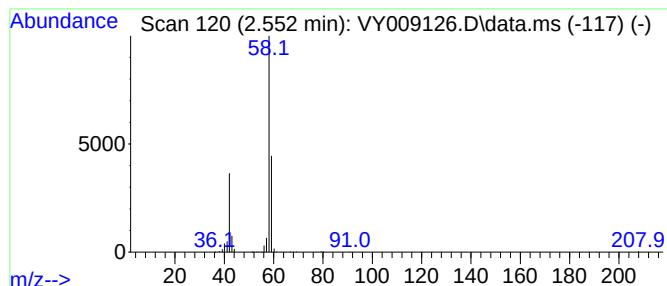
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Methylamine, N,N-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.552	21.78 ug/l	150047	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	90
2			Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	43
3			Tetramethylammonium perchlorate	173	C4H12ClNO4	002537-36-2	43
4			Sulfur trioxide trimethylamine c...	139	C3H9NO3S	003162-58-1	9
5			Butanoic acid, 4-(dimethylamino)...	147	C6H13NO3	003688-46-8	9



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ClientSampleId :
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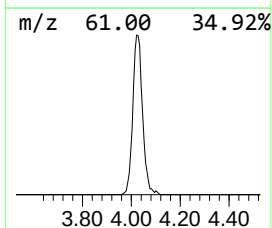
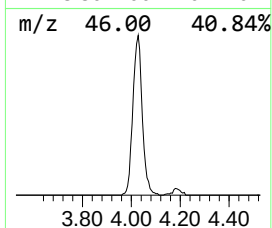
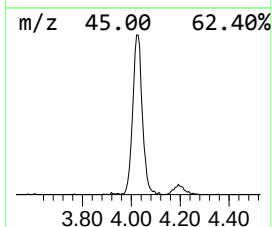
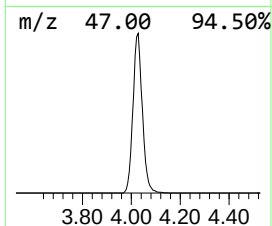
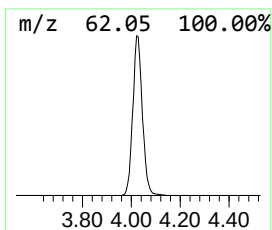
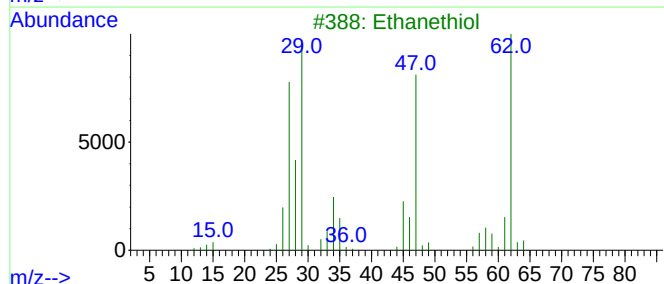
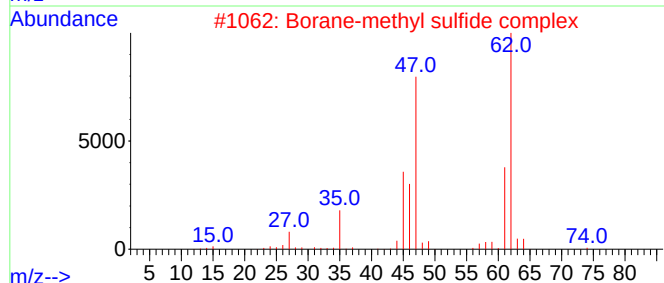
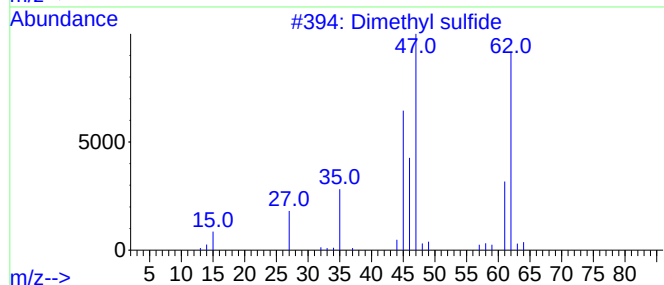
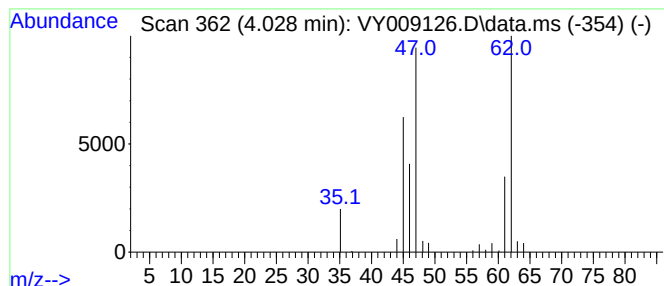
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.028	39.12 ug/l	269459	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	95
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	86
3			Ethanethiol	62	C2H6S	000075-08-1	72
4			Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5			Boric acid	62	BH3O3	010043-35-3	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.381	11.3	ug/l	77900	1	7.783	344437	50.0
Methylamine, N,...	2.552	21.8	ug/l	150047	1	7.783	344437	50.0
Dimethyl sulfide	4.028	39.1	ug/l	269459	1	7.783	344437	50.0