

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009171.D
 Acq On : 07 Jun 2022 18:02
 Operator : KP/MD
 Sample : N3170-04
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-D

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: VY009171.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.375	86	91	102	rVB	31945	56000	9.22%	1.307%
2	2.509	107	113	121	rBV3	6416	16748	2.76%	0.391%
3	2.576	121	124	130	rBV	12617	26464	4.36%	0.618%
4	2.887	171	175	184	rVB9	3033	6803	1.12%	0.159%
5	3.942	337	348	355	rBV	29224	79779	13.14%	1.863%
6	4.027	355	362	373	rVB2	16438	45976	7.57%	1.073%
7	4.186	378	388	398	rBV3	11386	33264	5.48%	0.777%
8	4.710	462	474	487	rBV3	11689	37978	6.25%	0.887%
9	5.734	634	642	653	rVB4	4751	15403	2.54%	0.360%
10	6.978	833	846	856	rBV2	26464	79250	13.05%	1.850%
11	7.716	956	967	972	rBV	48982	117568	19.36%	2.745%
12	7.783	972	978	988	rVB	128665	290723	47.87%	6.788%
13	8.136	1023	1036	1048	rBV2	86710	205603	33.85%	4.800%
14	8.685	1117	1126	1135	rBV	214378	415717	68.45%	9.706%
15	8.886	1152	1159	1165	rBV3	7221	16288	2.68%	0.380%
16	9.142	1192	1201	1205	rBV8	3524	8738	1.44%	0.204%
17	9.453	1245	1252	1260	rVB5	5284	11283	1.86%	0.263%
18	10.179	1363	1371	1379	rBV	353685	607334	100.00%	14.180%
19	10.362	1394	1401	1408	rVB7	3565	7901	1.30%	0.184%
20	10.477	1414	1420	1425	rBV5	5258	9870	1.63%	0.230%
21	10.575	1431	1436	1441	rBV	4643	9279	1.53%	0.217%
22	10.800	1466	1473	1482	rVB2	8752	15199	2.50%	0.355%
23	10.898	1482	1489	1491	rBV5	3726	6517	1.07%	0.152%
24	10.935	1491	1495	1505	rVB5	7638	17900	2.95%	0.418%
25	11.087	1514	1520	1525	rBV3	11063	20645	3.40%	0.482%
26	11.142	1525	1529	1533	rVV4	3941	6101	1.00%	0.142%
27	11.197	1533	1538	1543	rVB6	4028	9099	1.50%	0.212%
28	11.276	1543	1551	1552	rBV4	3138	6411	1.06%	0.150%
29	11.319	1555	1558	1563	rVB3	5485	7655	1.26%	0.179%
30	11.380	1563	1568	1572	rBV3	3586	6491	1.07%	0.152%
31	11.489	1579	1586	1596	rVB	326193	539319	88.80%	12.592%
32	11.684	1612	1618	1623	rBV9	4817	10827	1.78%	0.253%
33	11.837	1637	1643	1648	rBV7	4439	9051	1.49%	0.211%
34	12.001	1663	1670	1676	rBV6	9202	23105	3.80%	0.539%
35	12.117	1681	1689	1694	rVV3	13720	26231	4.32%	0.612%
36	12.203	1698	1703	1706	rVV5	11455	21780	3.59%	0.509%

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37	12.233	1706	1708	1714	rVB4	11352	15928	2.62%	0.372%
38	12.319	1717	1722	1727	rBV9	3376	7040	1.16%	0.164%
39	12.477	1742	1748	1758	rBV	268065	415469	68.41%	9.700%
40	12.642	1770	1775	1782	rVB6	11744	22467	3.70%	0.525%
41	12.727	1782	1789	1794	rBV8	9919	23373	3.85%	0.546%
42	12.806	1795	1802	1806	rBV6	10596	26926	4.43%	0.629%
43	12.946	1816	1825	1829	rVB8	8060	15342	2.53%	0.358%
44	12.989	1829	1832	1836	rBV5	3732	7718	1.27%	0.180%
45	13.038	1836	1840	1848	rVB4	16032	27715	4.56%	0.647%
46	13.135	1849	1856	1857	rBV5	7583	12867	2.12%	0.300%
47	13.166	1858	1861	1867	rVB4	8830	13923	2.29%	0.325%
48	13.355	1889	1892	1896	rVB6	5173	7541	1.24%	0.176%
49	13.422	1896	1903	1911	rVB	325687	504884	83.13%	11.788%
50	13.568	1924	1927	1930	rVV5	5090	6404	1.05%	0.150%
51	13.751	1942	1957	1961	rBV10	18831	52790	8.69%	1.233%
52	13.800	1961	1965	1968	rBV6	4103	6091	1.00%	0.142%
53	13.965	1989	1992	1997	rVB5	6595	9529	1.57%	0.222%
54	14.013	1997	2000	2005	rVB5	10739	15081	2.48%	0.352%
55	14.074	2006	2010	2012	rBV5	5475	7477	1.23%	0.175%
56	14.147	2018	2022	2027	rVB7	7169	13475	2.22%	0.315%
57	14.257	2033	2040	2047	rBV7	16843	42149	6.94%	0.984%
58	14.385	2055	2061	2063	rBV6	6576	11868	1.95%	0.277%
59	14.422	2063	2067	2071	rVB5	13618	19356	3.19%	0.452%
60	14.611	2095	2098	2105	rBV8	6824	11469	1.89%	0.268%
61	14.684	2105	2110	2113	rVV5	9406	17961	2.96%	0.419%
62	14.727	2113	2117	2125	rVB2	28785	47524	7.83%	1.110%
63	14.946	2150	2153	2157	rVB6	7536	8725	1.44%	0.204%
64	15.208	2192	2196	2200	rBV7	10737	19070	3.14%	0.445%
65	15.318	2211	2214	2218	rBV4	6150	8678	1.43%	0.203%
66	15.440	2231	2234	2235	rBV3	5742	6654	1.10%	0.155%
67	15.611	2257	2262	2267	rVB4	15109	25534	4.20%	0.596%
68	16.159	2348	2352	2358	rVB7	6987	12122	2.00%	0.283%
69	16.476	2398	2404	2409	rBV10	6714	15667	2.58%	0.366%

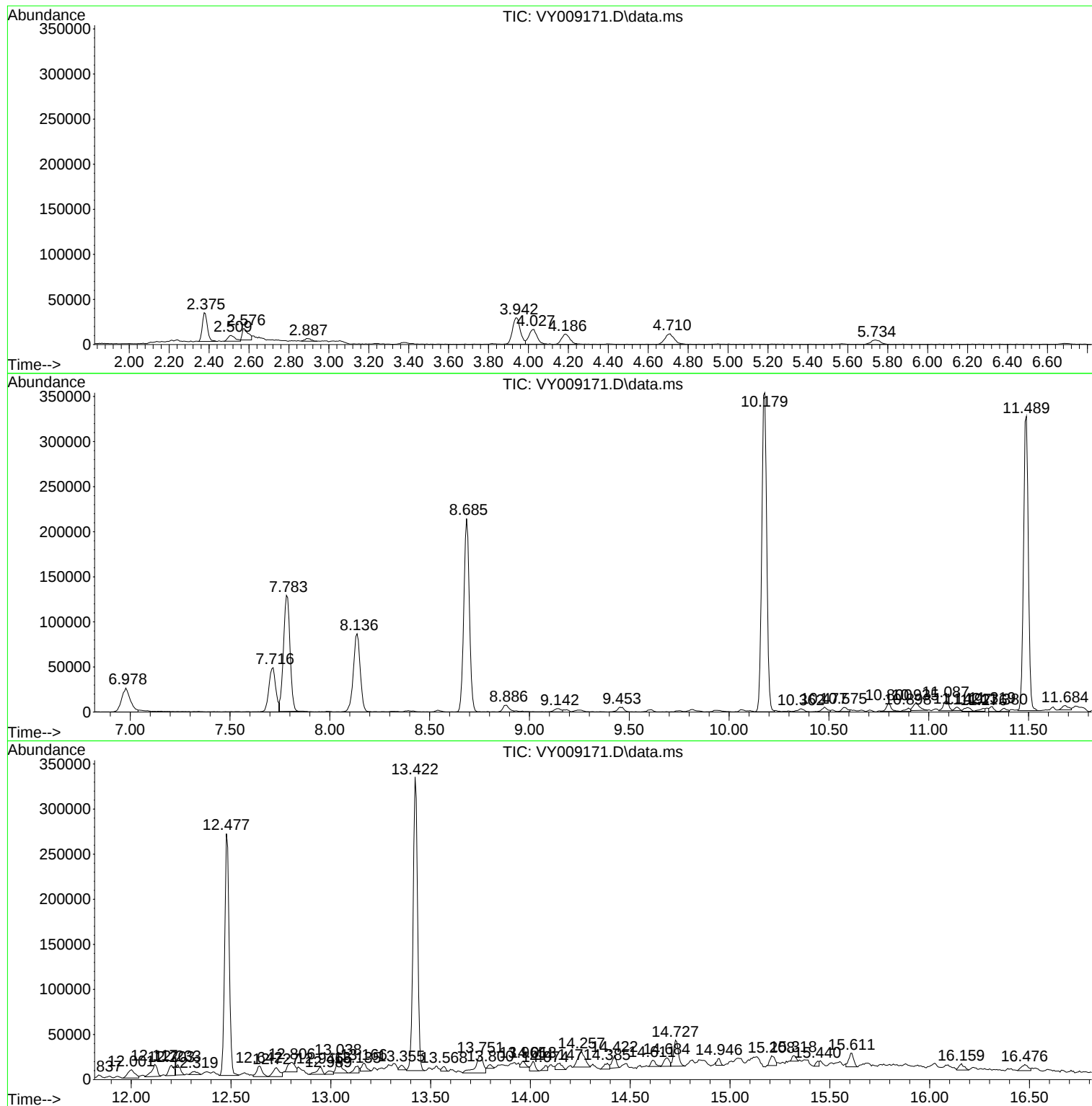
Sum of corrected areas: 4283117

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Quant Title : SW846 8260

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



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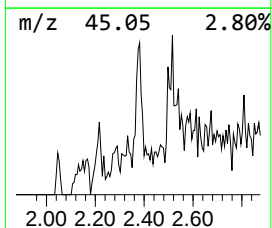
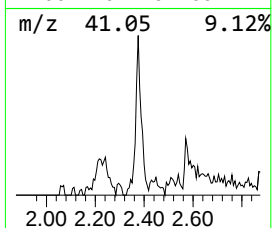
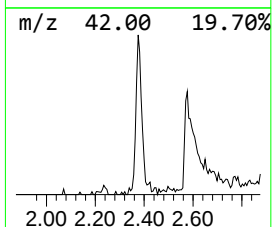
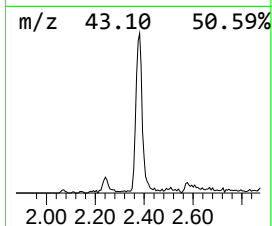
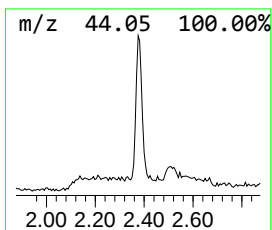
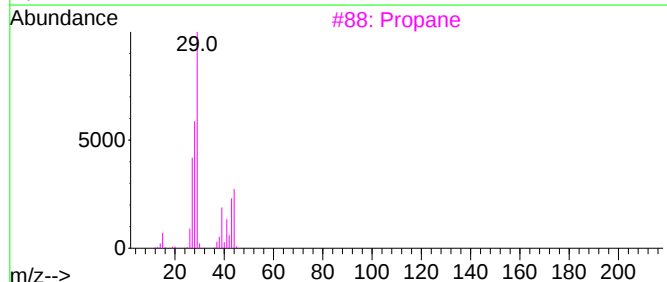
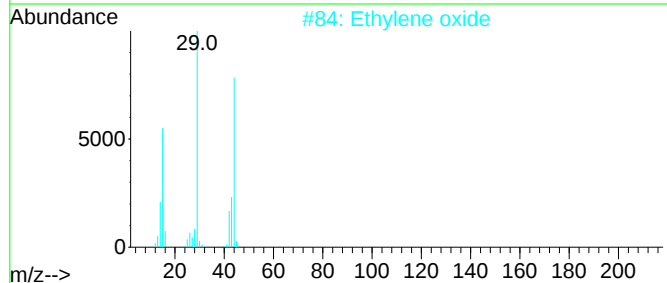
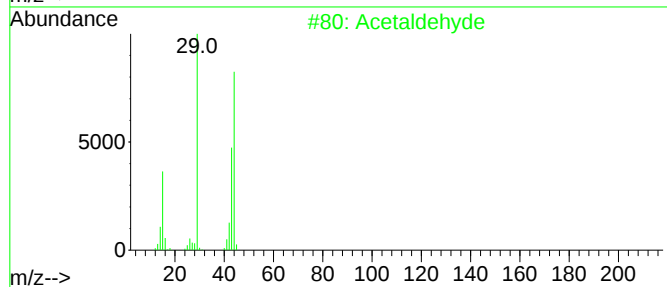
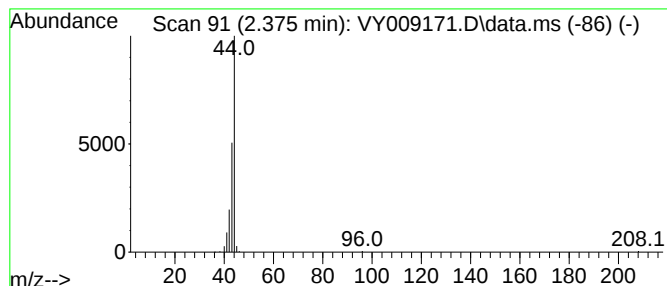
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

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

Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	9.63 ug/l	56000	Pentafluorobenzene	7.789

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			Silane, methyl-	46	CH6Si	000992-94-9	4
5			2-Propanamine	59	C3H9N	000075-31-0	4



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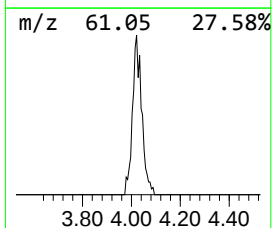
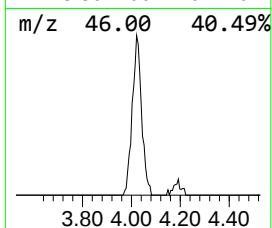
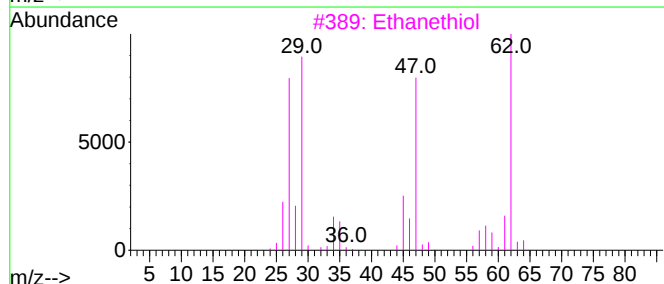
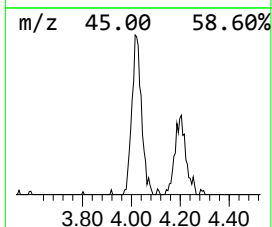
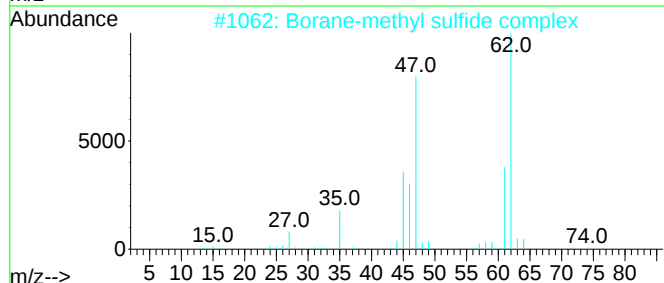
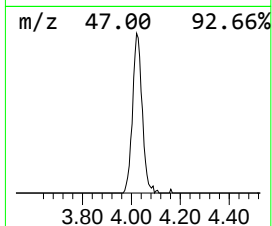
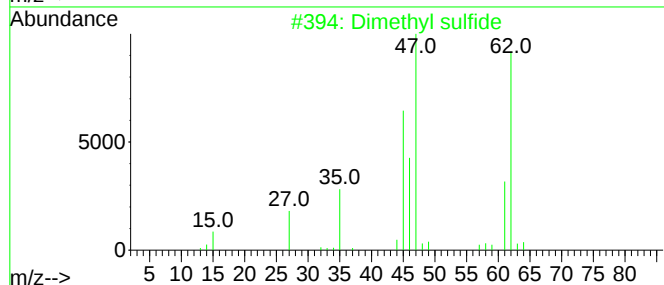
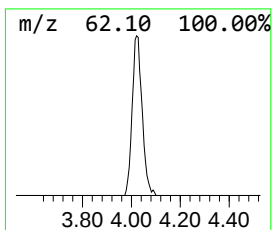
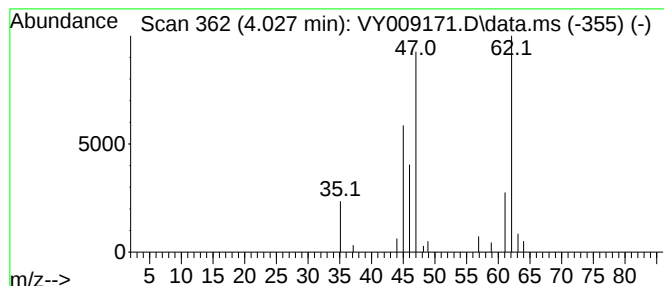
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

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

Peak Number 2 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.027	7.91 ug/l	45976	Pentafluorobenzene	7.789

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	78
3			Ethanethiol	62	C2H6S	000075-08-1	59
4			Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5			Boric acid	62	BH3O3	010043-35-3	5



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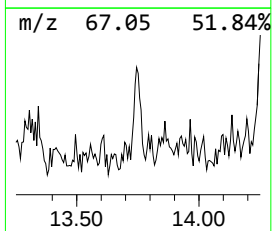
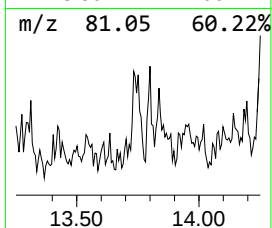
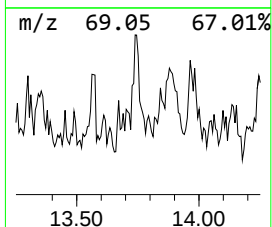
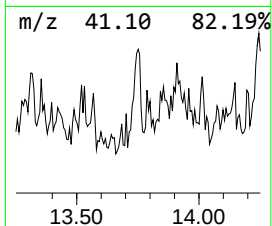
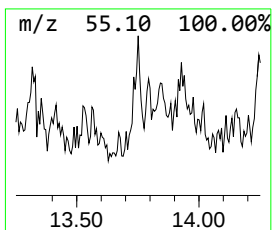
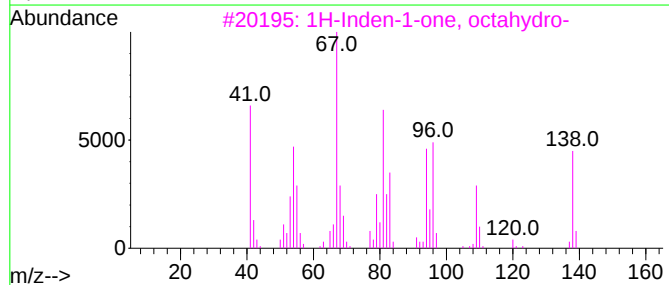
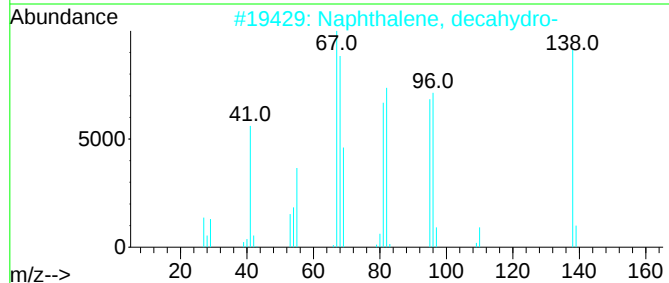
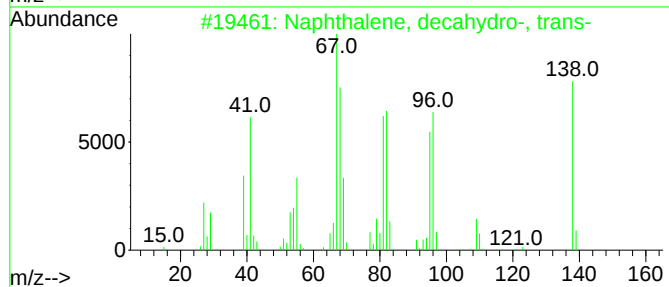
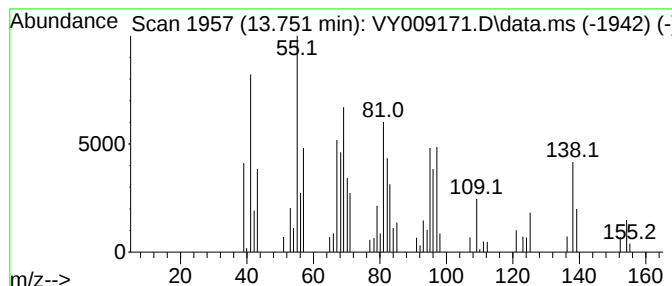
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Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	5.23 ug/l	52790	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	62
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	58
3			1H-Inden-1-one, octahydro-	138	C9H14O	029927-85-3	50
4			2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	49
5			endo-2-Methylbicyclo[3.3.1]nonane	138	C10H18	042558-37-2	46



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	2.375	9.6	ug/l	56000	1	7.789	290723	50.0
Dimethyl sulfide	4.027	7.9	ug/l	45976	1	7.789	290723	50.0
Naphthalene, de...	13.751	5.2	ug/l	52790	4	13.422	504884	50.0