

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
 Data File : VW025932.D
 Acq On : 10 May 2023 16:05
 Operator : SY/MD
 Sample : 02689-17
 Misc : 3.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREN9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW025932.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	92	rVB	144302	363883	11.85%	1.714%
2	2.674	123	129	140	rBV	46083	119911	3.90%	0.565%
3	2.899	159	166	179	rVB	127323	329986	10.74%	1.555%
4	3.564	273	275	277	rBV3	2296	2085	0.07%	0.010%
5	3.582	277	278	285	rVB7	2332	2432	0.08%	0.011%
6	3.680	291	294	297	rBV5	2252	3586	0.12%	0.017%
7	3.741	303	304	309	rVB5	1825	2575	0.08%	0.012%
8	3.795	309	313	314	rBV4	1525	2079	0.07%	0.010%
9	3.875	323	326	328	rBV4	2591	2594	0.08%	0.012%
10	3.893	328	329	334	rVB5	3506	3505	0.11%	0.017%
11	4.021	340	350	364	rBV	314163	1027278	33.44%	4.840%
12	4.210	373	381	396	rVB	107927	310207	10.10%	1.461%
13	4.618	445	448	450	rVV4	2501	2864	0.09%	0.013%
14	4.643	450	452	456	rVB5	1753	2145	0.07%	0.010%
15	4.722	463	465	469	rVB5	2376	1910	0.06%	0.009%
16	4.923	483	498	517	rBV2	97405	391899	12.76%	1.846%
17	5.271	553	555	559	rVB5	2074	2307	0.08%	0.011%
18	5.569	600	604	606	rBV5	1676	2577	0.08%	0.012%
19	5.618	609	612	615	rVB5	1481	1828	0.06%	0.009%
20	5.667	615	620	623	rBV6	1356	2510	0.08%	0.012%
21	5.789	633	640	641	rBV7	1714	3586	0.12%	0.017%
22	5.941	655	665	673	rVV3	30803	91176	2.97%	0.430%
23	6.063	684	685	689	rVB4	2085	1833	0.06%	0.009%
24	6.112	689	693	697	rBV7	2513	3918	0.13%	0.018%
25	6.149	697	699	705	rBV7	1902	2456	0.08%	0.012%
26	6.210	705	709	711	rBV5	1722	1906	0.06%	0.009%
27	6.283	717	721	722	rBV3	1649	1858	0.06%	0.009%
28	6.636	776	779	783	rBV6	1379	2070	0.07%	0.010%
29	6.728	792	794	797	rBV4	1439	2022	0.07%	0.010%
30	6.801	801	806	809	rBV7	1758	3016	0.10%	0.014%
31	6.844	809	813	815	rBV5	1340	1821	0.06%	0.009%
32	6.923	823	826	828	rBV4	1403	1738	0.06%	0.008%
33	7.081	844	852	864	rBV	79052	240547	7.83%	1.133%
34	7.648	934	945	958	rBV	513484	1259879	41.02%	5.935%
35	7.904	984	987	990	rVV4	1526	1824	0.06%	0.009%
36	7.953	991	995	998	rVB6	2154	3373	0.11%	0.016%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	7.984	998	1000	1002	rVB3	1795	1784	0.06%	0.008%
38	8.069	1012	1014	1017	rVB4	1410	1734	0.06%	0.008%
39	8.160	1025	1029	1031	rBV5	1224	1975	0.06%	0.009%
40	8.276	1037	1048	1063	rBV2	1075006	3071711	100.00%	14.471%
41	8.380	1063	1065	1068	rVB4	2974	2768	0.09%	0.013%
42	8.410	1068	1070	1074	rVB5	1273	1813	0.06%	0.009%
43	8.551	1090	1093	1095	rBV4	2552	3397	0.11%	0.016%
44	8.605	1099	1102	1104	rBV4	1576	2117	0.07%	0.010%
45	8.691	1109	1116	1117	rBV6	3511	5461	0.18%	0.026%
46	8.843	1132	1141	1158	rBV	1080314	2133525	69.46%	10.051%
47	8.977	1161	1163	1166	rVB3	2141	2514	0.08%	0.012%
48	9.069	1172	1178	1185	rBV10	3846	10138	0.33%	0.048%
49	9.276	1203	1212	1221	rBV	714641	1475810	48.05%	6.953%
50	9.422	1233	1236	1238	rBV4	2387	2090	0.07%	0.010%
51	9.471	1240	1244	1248	rVV7	1753	2773	0.09%	0.013%
52	9.563	1256	1259	1262	rVB5	1400	2044	0.07%	0.010%
53	9.605	1262	1266	1269	rBV5	1619	2499	0.08%	0.012%
54	9.654	1272	1274	1276	rVV3	1777	1933	0.06%	0.009%
55	9.770	1290	1293	1296	rVB5	2848	3183	0.10%	0.015%
56	9.800	1296	1298	1302	rVB5	2634	2936	0.10%	0.014%
57	9.892	1306	1313	1319	rBV10	4950	10793	0.35%	0.051%
58	9.953	1319	1323	1328	rVB8	2848	6016	0.20%	0.028%
59	10.032	1328	1336	1345	rBV	322478	590846	19.24%	2.783%
60	10.130	1347	1352	1356	rBV2	26730	51433	1.67%	0.242%
61	10.319	1376	1383	1390	rBV	1353307	2432108	79.18%	11.458%
62	10.386	1390	1394	1407	rVB	43609	83676	2.72%	0.394%
63	10.501	1409	1413	1415	rBV5	4694	6192	0.20%	0.029%
64	10.575	1418	1425	1435	rBV	203380	359986	11.72%	1.696%
65	10.703	1440	1446	1452	rBV	17880	34478	1.12%	0.162%
66	10.770	1453	1457	1459	rVB5	1808	2372	0.08%	0.011%
67	10.825	1463	1466	1468	rBV4	2721	2699	0.09%	0.013%
68	10.922	1475	1482	1498	rBV	285711	521747	16.99%	2.458%
69	11.544	1582	1584	1587	rVB4	1896	1745	0.06%	0.008%
70	11.629	1590	1598	1607	rBV	1296546	2198956	71.59%	10.359%
71	11.727	1612	1614	1622	rVB4	7889	11921	0.39%	0.056%
72	11.831	1628	1631	1642	rVB4	6282	15769	0.51%	0.074%
73	12.105	1673	1676	1677	rBV3	2119	1849	0.06%	0.009%
74	12.166	1685	1686	1691	rVB5	3508	2559	0.08%	0.012%
75	12.465	1729	1735	1740	rBV9	6453	10917	0.36%	0.051%
76	12.519	1740	1744	1747	rBV4	6244	9313	0.30%	0.044%

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 Title : SFAM01.0

77	12.605	1752	1758	1765	rBV2	27574	51841	1.69%	0.244%
78	12.690	1765	1772	1784	rVV	426997	727525	23.68%	3.427%
79	12.794	1786	1789	1795	rVV2	5158	10988	0.36%	0.052%
80	12.861	1795	1800	1803	rVV2	13270	21604	0.70%	0.102%
81	12.916	1804	1809	1821	rVV	91124	169295	5.51%	0.798%
82	13.032	1823	1828	1833	rVB8	5029	8089	0.26%	0.038%
83	13.105	1836	1840	1845	rVB4	5105	9722	0.32%	0.046%
84	13.202	1851	1856	1859	rBV5	12119	21034	0.68%	0.099%
85	13.245	1859	1863	1868	rVB	20575	31979	1.04%	0.151%
86	13.446	1891	1896	1899	rVV4	13653	23389	0.76%	0.110%
87	13.495	1899	1904	1908	rVV	44216	69078	2.25%	0.325%
88	13.556	1908	1914	1924	rVV	889856	1437206	46.79%	6.771%
89	13.641	1924	1928	1936	rVB	54513	89678	2.92%	0.422%
90	13.745	1943	1945	1948	rBV4	3558	3640	0.12%	0.017%
91	13.848	1955	1962	1971	rBV	678139	1144641	37.26%	5.392%
92	14.062	1992	1997	2002	rVB	32864	49072	1.60%	0.231%
93	14.324	2035	2040	2046	rVB9	4413	8764	0.29%	0.041%
94	14.422	2052	2056	2058	rBV5	4570	6342	0.21%	0.030%
95	14.543	2073	2076	2082	rVB8	5778	10843	0.35%	0.051%
96	14.598	2082	2085	2086	rBV3	2087	2590	0.08%	0.012%
97	14.720	2101	2105	2110	rBV8	3463	5389	0.18%	0.025%
98	15.427	2215	2221	2226	rBV	17282	30420	0.99%	0.143%
99	16.622	2415	2417	2420	rBV4	2206	2945	0.10%	0.014%
100	16.653	2420	2422	2424	rBV3	1690	1999	0.07%	0.009%

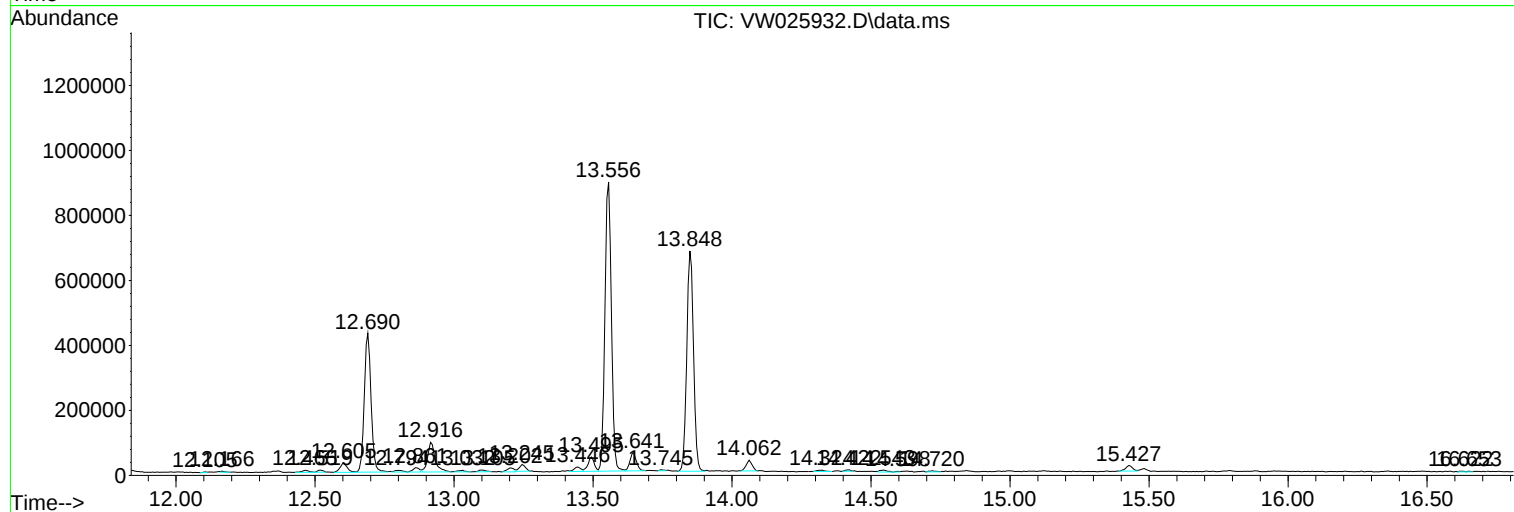
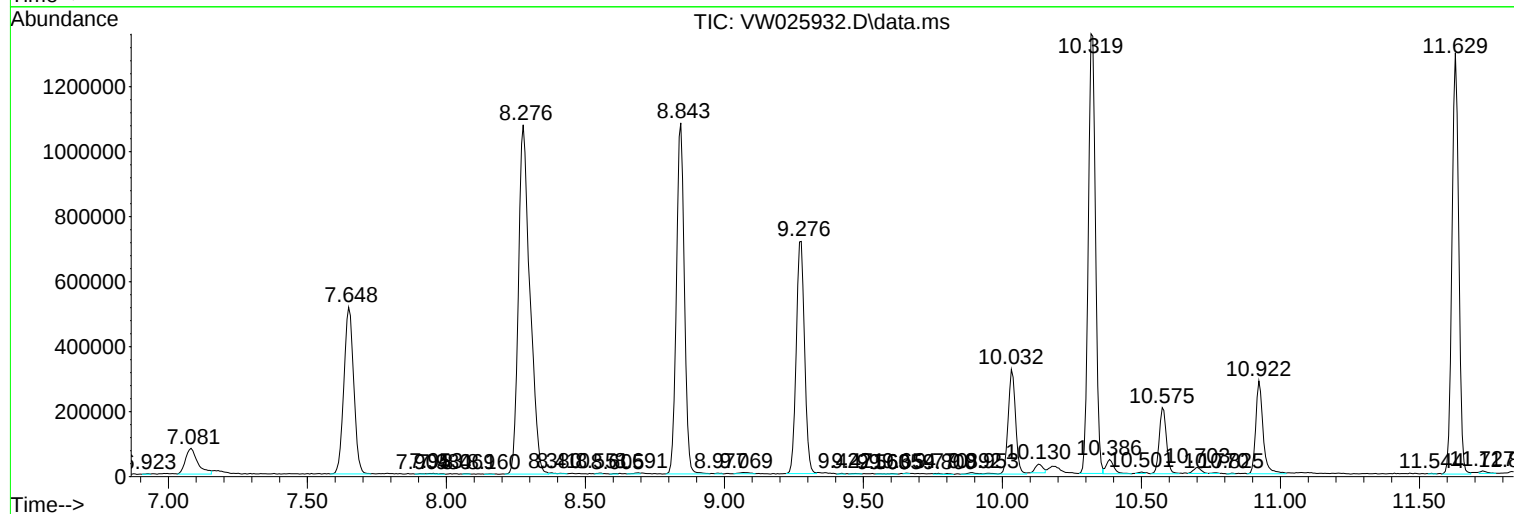
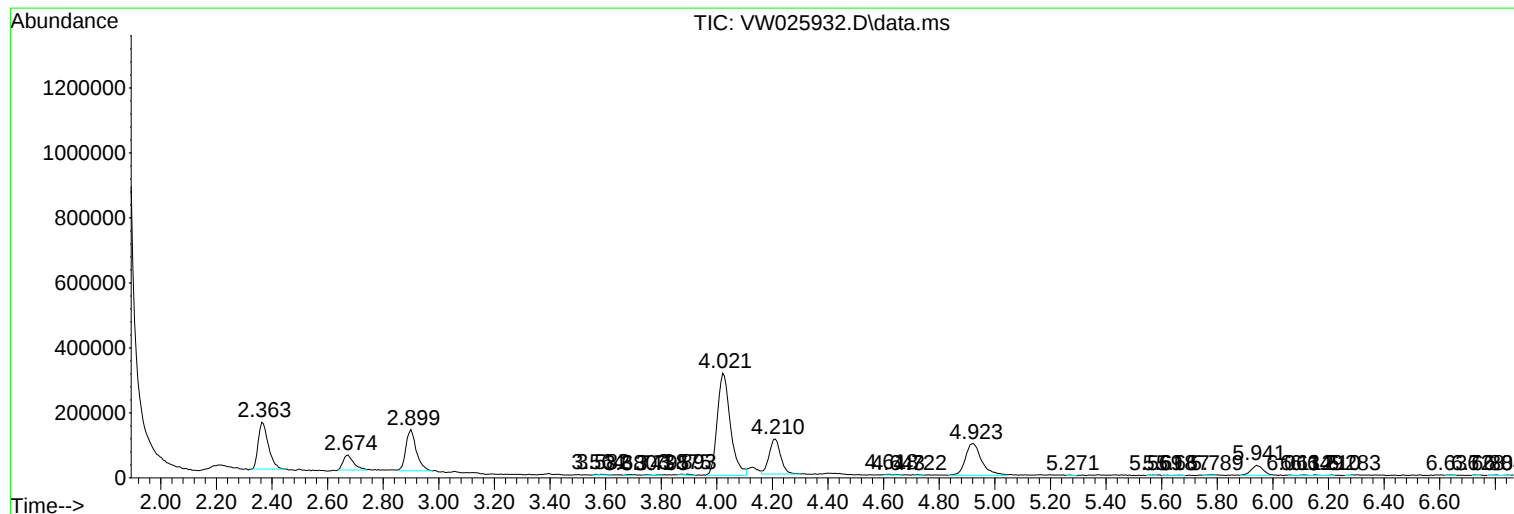
Sum of corrected areas: 21226837

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



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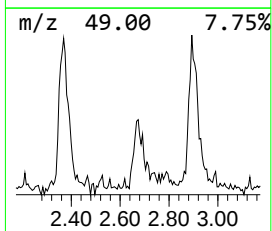
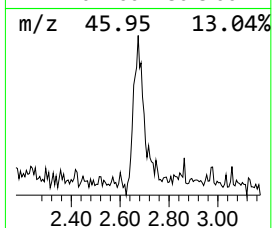
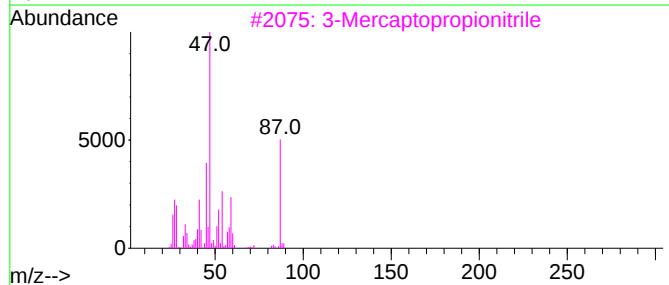
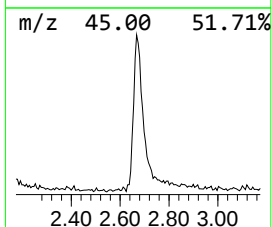
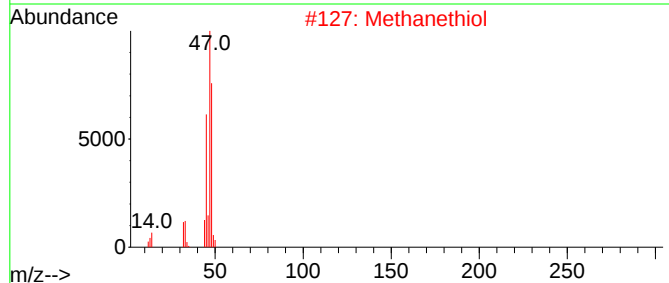
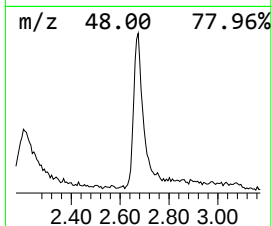
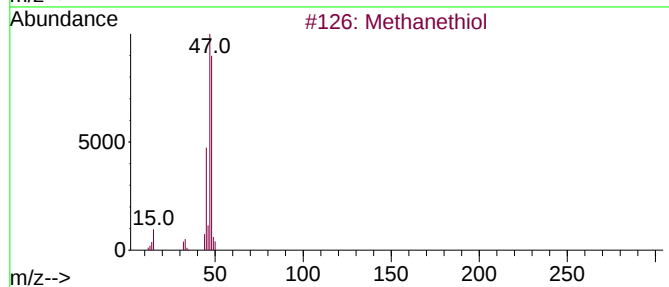
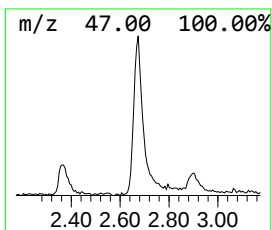
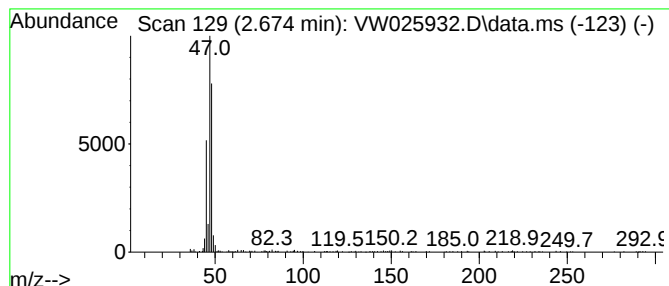
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Methanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.674	1.41 ug/L	119911	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	90
2			Methanethiol	48	CH4S	000074-93-1	90
3			3-Mercaptopropionitrile	87	C3H5NS	001001-58-7	28
4			N-Carbethoxy-N-methoxyamine	119	C4H9NO3	003871-28-1	9
5			Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	9



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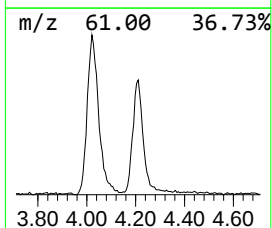
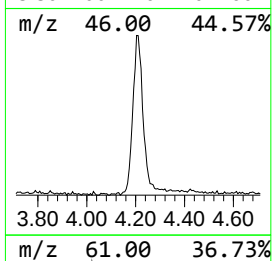
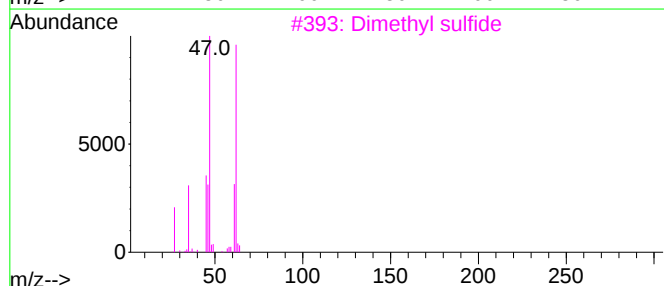
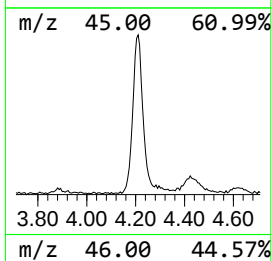
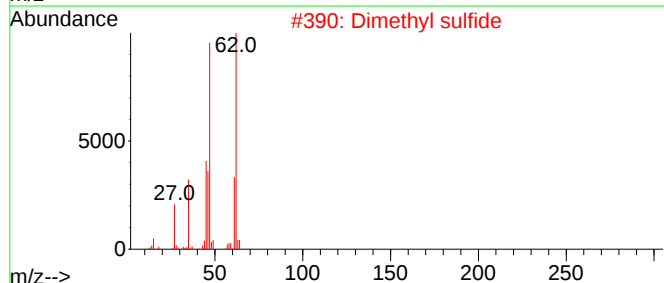
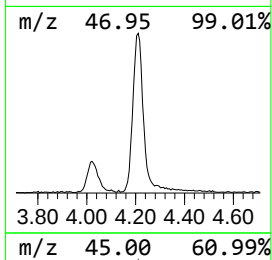
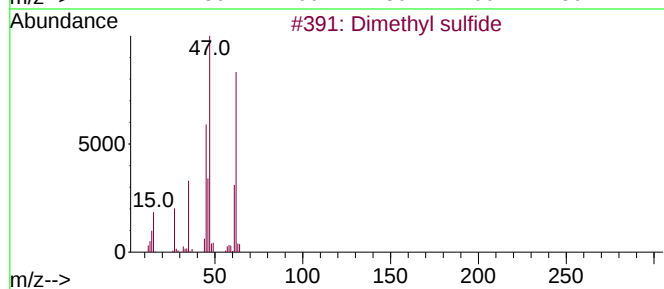
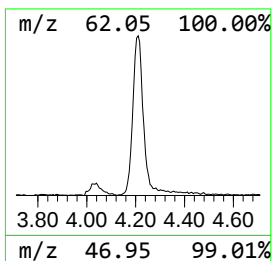
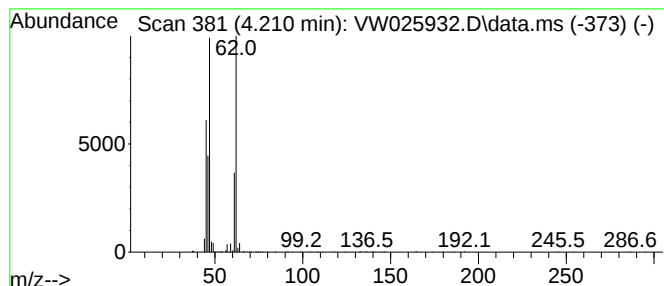
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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.
4.210	3.63 ug/L	310207	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Dimethyl sulfide	62	C2H6S	000075-18-3	91



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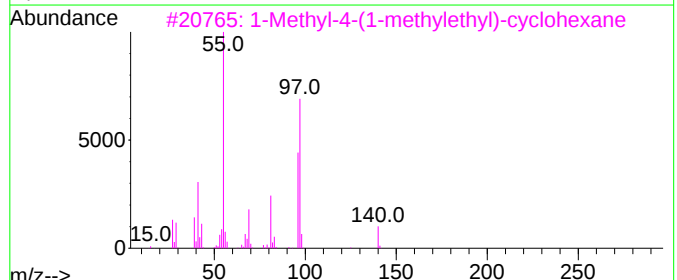
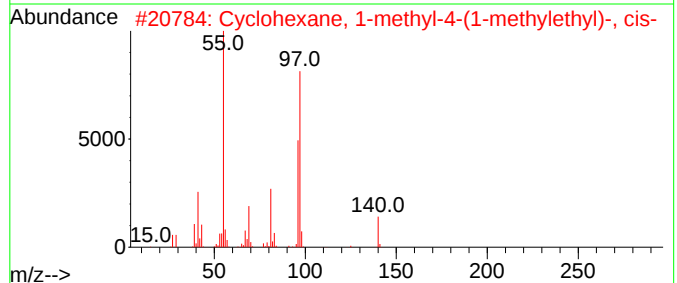
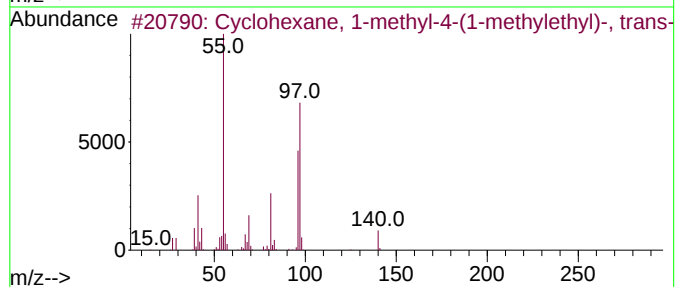
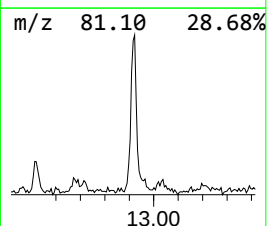
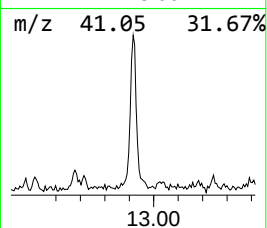
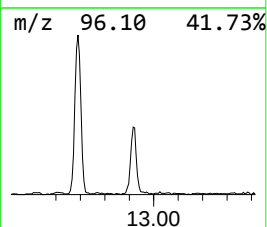
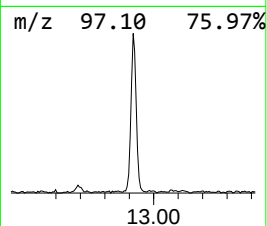
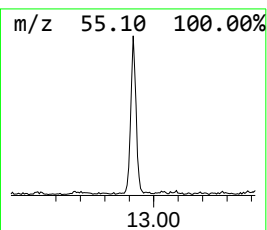
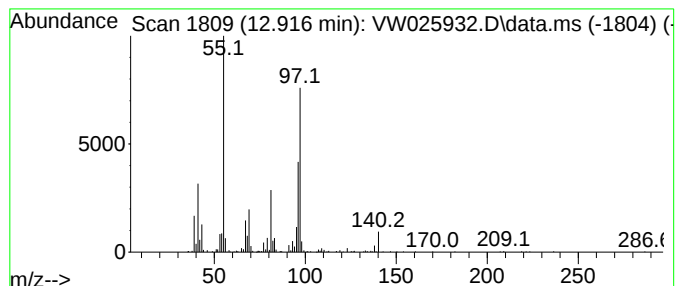
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic12.916 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	2.94 ug/L	169295	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	87
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	87
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	87
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025932.D
Acq On : 10 May 2023 16:05
Operator : SY/MD
Sample : 02689-17
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREN9

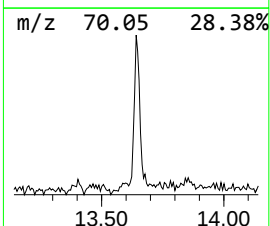
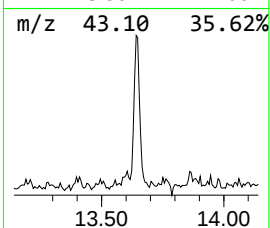
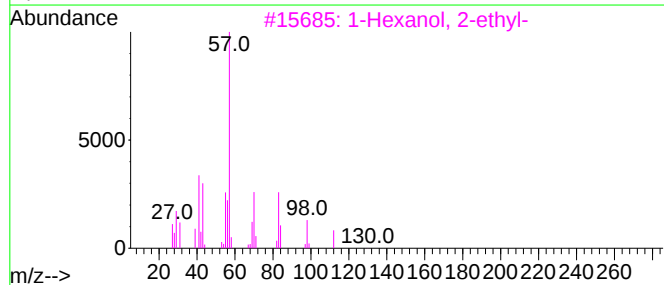
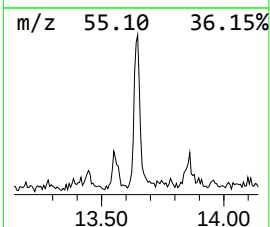
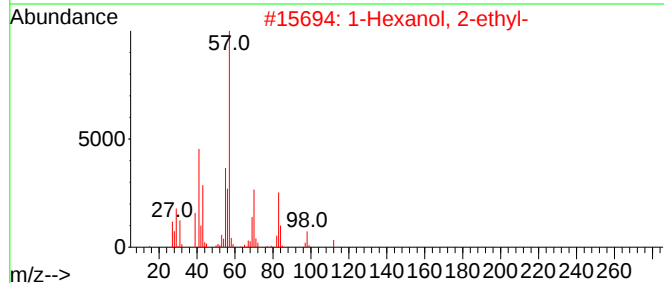
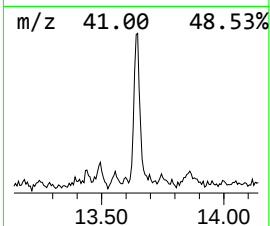
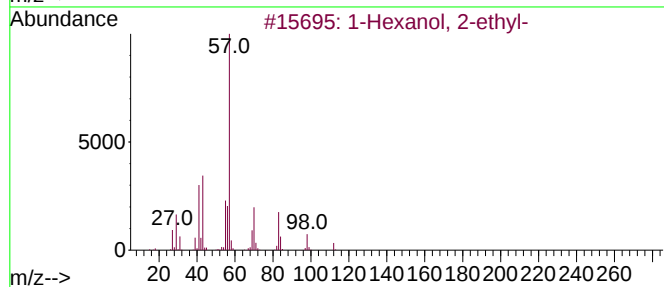
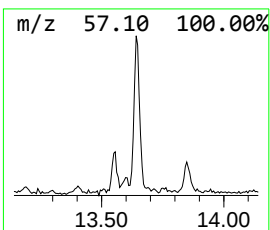
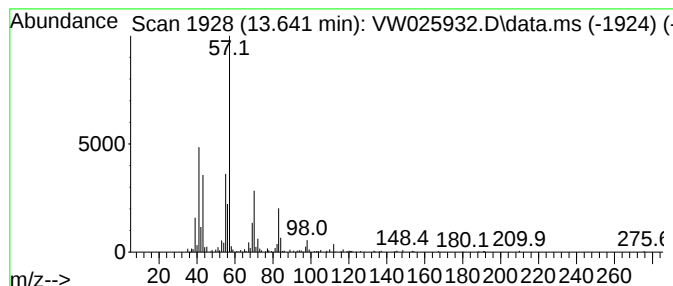
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Quant Title : SFAM01.0

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	1.56 ug/L	89678	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5			2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051023\
Data File : VW025932.D
Acq On : 10 May 2023 16:05
Operator : SY/MD
Sample : 02689-17
Misc : 3.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREN9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methanethiol	2.674	1.4	ug/L	119911	1	8.843	2133530	25.0
Dimethyl sulfide	4.210	3.6	ug/L	310207	1	8.843	2133530	25.0
(DEL) Alkane: C...	12.916	2.9	ug/L	169295	3	13.556	1437210	25.0
1-Hexanol, 2-et...	13.641	1.6	ug/L	89678	3	13.556	1437210	25.0