

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025949.D
 Acq On : 11 May 2023 12:14
 Operator : SY/MD
 Sample : 02689-22
 Misc : 3.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREP4

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: VW025949.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	39	43	54	rBV2	18943	50821	1.84%	0.279%
2	2.363	72	78	92	rVB	148324	354762	12.84%	1.945%
3	2.667	122	128	136	rBV2	28169	73016	2.64%	0.400%
4	2.893	159	165	184	rVB	125098	354973	12.85%	1.946%
5	3.204	215	216	219	rVB3	2633	1829	0.07%	0.010%
6	3.301	230	232	235	rVV4	1932	2544	0.09%	0.014%
7	3.393	239	247	252	rBV3	6499	14531	0.53%	0.080%
8	3.533	266	270	275	rBV8	1773	3945	0.14%	0.022%
9	3.576	275	277	280	rVB4	2647	2773	0.10%	0.015%
10	3.631	284	286	289	rVB4	1717	2087	0.08%	0.011%
11	3.673	289	293	294	rBV4	1957	2605	0.09%	0.014%
12	3.826	314	318	320	rBV5	1241	1759	0.06%	0.010%
13	3.868	322	325	327	rBV4	2454	2858	0.10%	0.016%
14	4.021	336	350	361	rBV	287476	901467	32.64%	4.942%
15	4.124	363	367	373	rVV	34639	86004	3.11%	0.471%
16	4.204	373	380	393	rVB	111109	317083	11.48%	1.738%
17	4.606	442	446	447	rBV4	1717	1704	0.06%	0.009%
18	4.801	474	478	482	rBV7	1981	4181	0.15%	0.023%
19	4.923	484	498	511	rBV4	45876	181031	6.55%	0.992%
20	5.350	563	568	570	rBV6	1617	3198	0.12%	0.018%
21	5.411	576	578	582	rBV5	1626	2317	0.08%	0.013%
22	5.484	588	590	593	rVB4	1973	1964	0.07%	0.011%
23	5.728	628	630	632	rBV2	1897	1928	0.07%	0.011%
24	5.947	655	666	674	rBV4	16970	55118	2.00%	0.302%
25	6.148	698	699	703	rBV4	1583	2021	0.07%	0.011%
26	6.868	815	817	820	rBV4	1822	2343	0.08%	0.013%
27	6.978	829	835	837	rBV7	2310	5096	0.18%	0.028%
28	7.081	844	852	861	rBV	75194	231264	8.37%	1.268%
29	7.429	905	909	912	rBV6	2218	4308	0.16%	0.024%
30	7.545	926	928	931	rVB4	2097	1986	0.07%	0.011%
31	7.648	936	945	956	rBV	462620	1113238	40.31%	6.103%
32	7.782	965	967	973	rVB7	1955	2658	0.10%	0.015%
33	7.856	975	979	981	rBV4	2004	3216	0.12%	0.018%
34	7.880	981	983	987	rVB5	1973	2102	0.08%	0.012%
35	7.947	991	994	996	rBV4	1842	2687	0.10%	0.015%
36	8.038	1004	1009	1010	rBV5	1339	1967	0.07%	0.011%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025949.D
 Acq On : 11 May 2023 12:14
 Operator : SY/MD
 Sample : 02689-22
 Misc : 3.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREP4

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

37	8.179	1029	1032	1034	rVB4	1578	1799	0.07%	0.010%
38	8.276	1034	1048	1064	rBV2	954229	2761916	100.00%	15.141%
39	8.544	1088	1092	1094	rBV5	1982	2429	0.09%	0.013%
40	8.618	1102	1104	1106	rBV3	1901	2350	0.09%	0.013%
41	8.843	1131	1141	1159	rVV	986481	1972044	71.40%	10.811%
42	9.002	1166	1167	1170	rVB3	2417	1832	0.07%	0.010%
43	9.063	1173	1177	1178	rBV4	3457	4359	0.16%	0.024%
44	9.081	1178	1180	1181	rBV2	1871	1687	0.06%	0.009%
45	9.276	1203	1212	1222	rBV	649283	1329286	48.13%	7.287%
46	9.508	1246	1250	1253	rVV6	1417	2526	0.09%	0.014%
47	9.660	1268	1275	1283	rBV6	4207	12735	0.46%	0.070%
48	9.752	1288	1290	1293	rVB4	2634	1842	0.07%	0.010%
49	9.892	1308	1313	1317	rVB6	5502	9339	0.34%	0.051%
50	9.947	1320	1322	1327	rVB6	1818	2911	0.11%	0.016%
51	10.032	1327	1336	1347	rBV	262031	499788	18.10%	2.740%
52	10.136	1348	1353	1357	rBV5	6669	12392	0.45%	0.068%
53	10.325	1375	1384	1390	rBV	1052878	1890218	68.44%	10.362%
54	10.386	1390	1394	1406	rVB	246409	422195	15.29%	2.314%
55	10.471	1406	1408	1411	rBV4	1535	1641	0.06%	0.009%
56	10.514	1411	1415	1416	rVV4	3416	4479	0.16%	0.025%
57	10.575	1419	1425	1433	rVB	168907	292607	10.59%	1.604%
58	10.703	1440	1446	1452	rVB2	14822	31576	1.14%	0.173%
59	10.757	1452	1455	1458	rBV5	3067	4077	0.15%	0.022%
60	10.867	1466	1473	1476	rBV8	5048	9837	0.36%	0.054%
61	10.922	1476	1482	1495	rBV	275344	534063	19.34%	2.928%
62	11.239	1532	1534	1536	rVB3	1979	1652	0.06%	0.009%
63	11.391	1557	1559	1561	rBV3	2016	2375	0.09%	0.013%
64	11.629	1590	1598	1608	rBV	1011929	1693401	61.31%	9.283%
65	11.733	1611	1615	1621	rVB3	7122	12792	0.46%	0.070%
66	11.818	1626	1629	1630	rVV3	3715	3951	0.14%	0.022%
67	11.837	1630	1632	1640	rVB7	5713	10439	0.38%	0.057%
68	12.135	1673	1681	1683	rBV9	5327	12770	0.46%	0.070%
69	12.336	1708	1714	1717	rBV7	5640	12631	0.46%	0.069%
70	12.464	1731	1735	1740	rVB3	14514	24493	0.89%	0.134%
71	12.605	1750	1758	1765	rBV	27192	50492	1.83%	0.277%
72	12.690	1765	1772	1781	rBV	350857	593220	21.48%	3.252%
73	12.867	1795	1801	1804	rBV7	4799	10380	0.38%	0.057%
74	13.025	1823	1827	1832	rBV7	8761	15517	0.56%	0.085%
75	13.251	1860	1864	1872	rVB4	7944	18288	0.66%	0.100%
76	13.361	1878	1882	1885	rBV6	3002	5751	0.21%	0.032%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025949.D
 Acq On : 11 May 2023 12:14
 Operator : SY/MD
 Sample : 02689-22
 Misc : 3.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREP4

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

77	13.446	1891	1896	1900	rBV3	53850	93431	3.38%	0.512%
78	13.495	1900	1904	1908	rVV	113703	171913	6.22%	0.942%
79	13.556	1908	1914	1922	rVV	533679	866789	31.38%	4.752%
80	13.641	1925	1928	1938	rVB2	16477	27268	0.99%	0.149%
81	13.848	1955	1962	1970	rBV	384896	644763	23.34%	3.535%
82	13.952	1976	1979	1984	rVB6	4237	5950	0.22%	0.033%
83	14.062	1992	1997	2009	rVB2	39102	71222	2.58%	0.390%
84	14.324	2036	2040	2046	rBV9	3525	6742	0.24%	0.037%
85	14.421	2054	2056	2058	rBV3	4022	3542	0.13%	0.019%
86	14.616	2080	2088	2091	rBV10	4751	11694	0.42%	0.064%
87	14.799	2113	2118	2122	rVV8	3938	6756	0.24%	0.037%
88	14.848	2122	2126	2132	rVB4	15674	24083	0.87%	0.132%
89	14.958	2140	2144	2147	rVB5	3249	5099	0.18%	0.028%
90	15.165	2176	2178	2181	rBV4	2492	3247	0.12%	0.018%
91	15.354	2207	2209	2211	rBV3	1899	1739	0.06%	0.010%
92	15.427	2216	2221	2226	rVV2	21281	39558	1.43%	0.217%
93	15.476	2226	2229	2234	rVV	12239	21034	0.76%	0.115%
94	15.543	2235	2240	2246	rVB	88401	139618	5.06%	0.765%
95	15.787	2276	2280	2286	rBV9	5173	7755	0.28%	0.043%
96	15.915	2299	2301	2305	rBV5	2000	3420	0.12%	0.019%
97	16.134	2334	2337	2339	rBV4	2984	3234	0.12%	0.018%
98	16.336	2368	2370	2373	rBV4	2046	2363	0.09%	0.013%
99	16.427	2383	2385	2389	rVB5	2006	1684	0.06%	0.009%
100	16.781	2439	2443	2444	rBV4	2525	3399	0.12%	0.019%

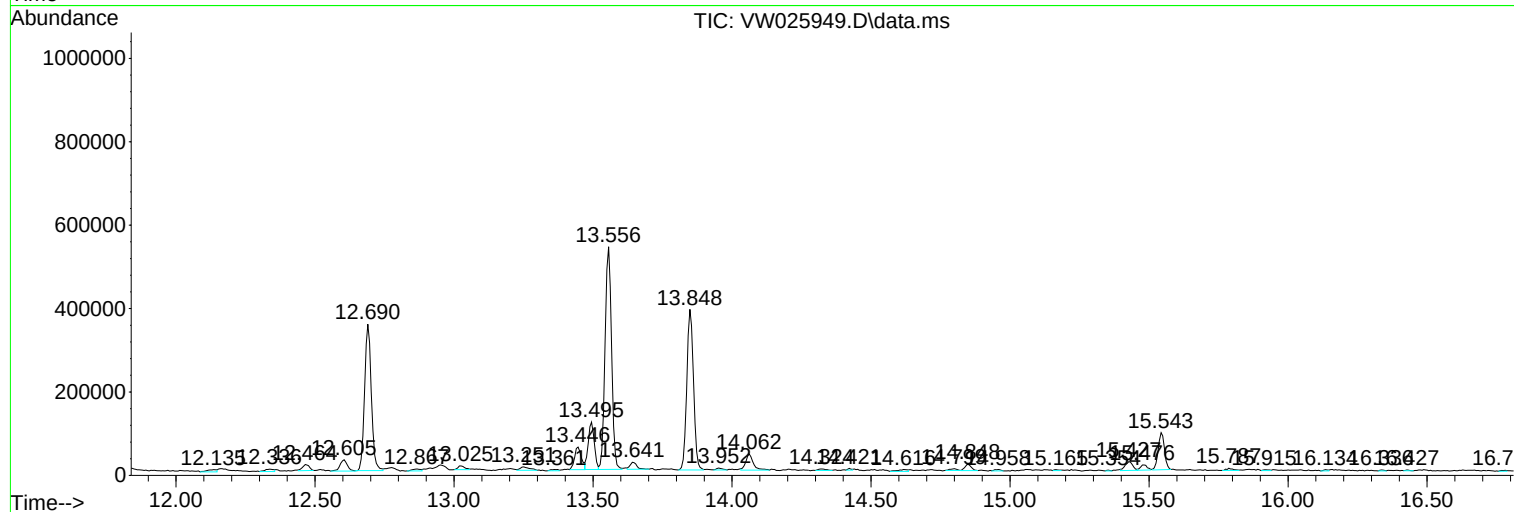
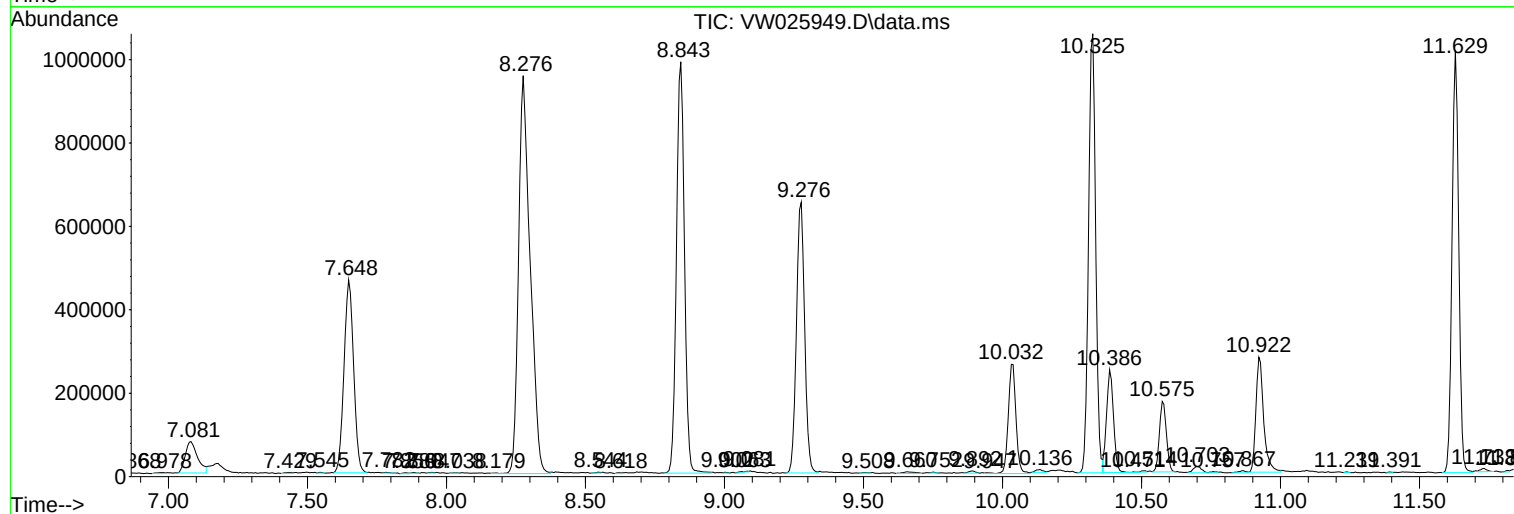
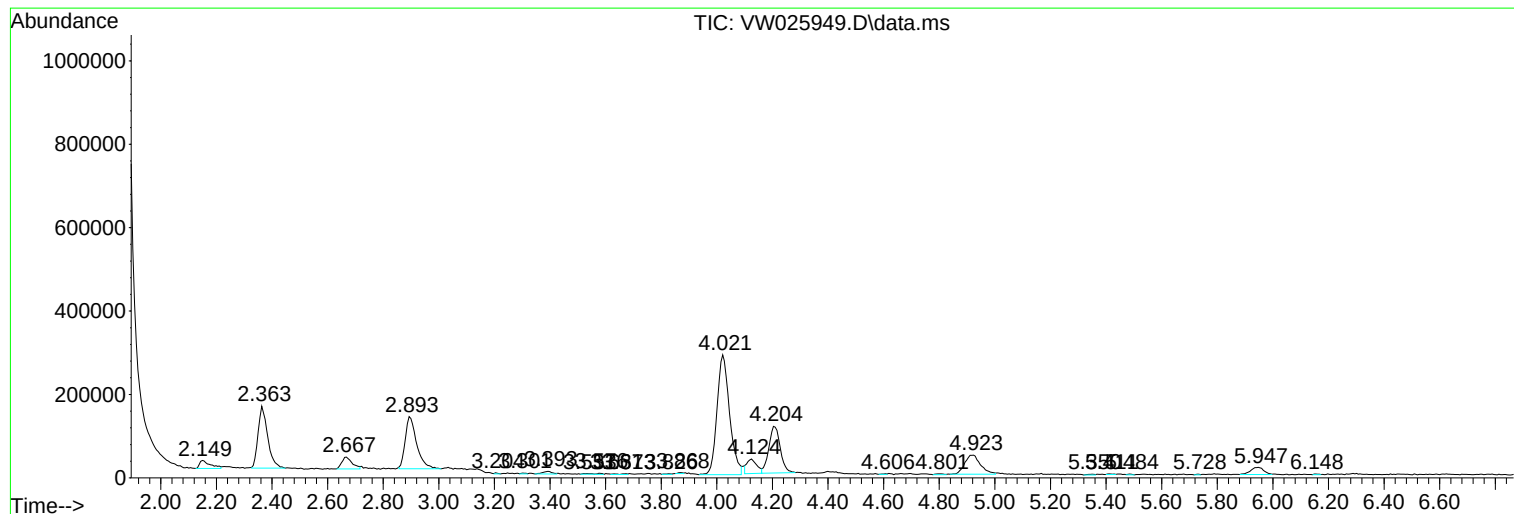
Sum of corrected areas: 18241767

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025949.D
Acq On : 11 May 2023 12:14
Operator : SY/MD
Sample : 02689-22
Misc : 3.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP4

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025949.D
Acq On : 11 May 2023 12:14
Operator : SY/MD
Sample : 02689-22
Misc : 3.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP4

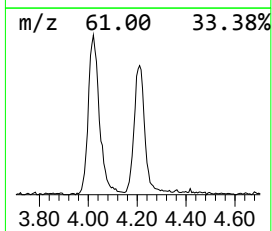
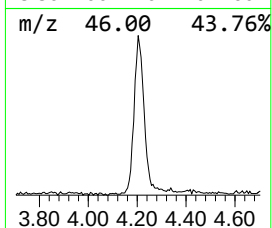
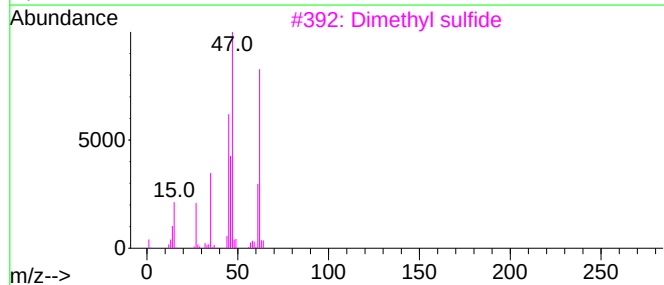
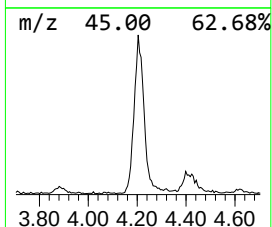
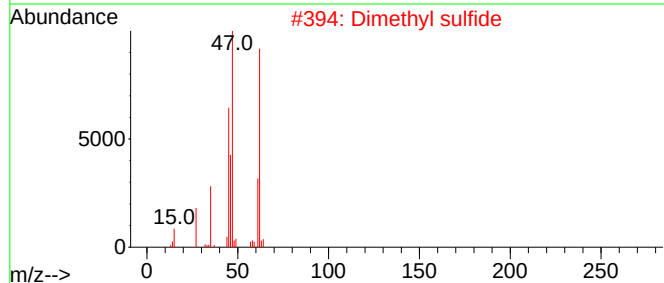
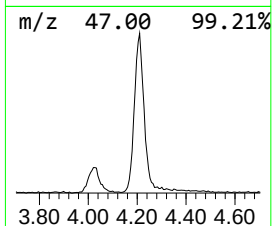
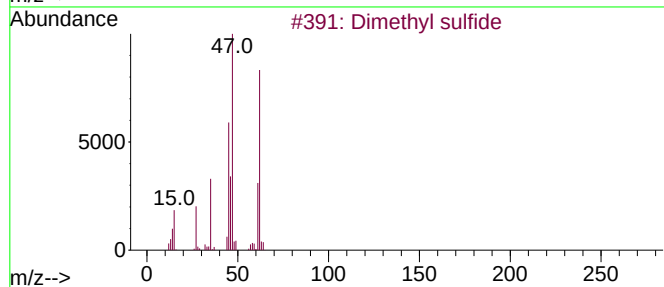
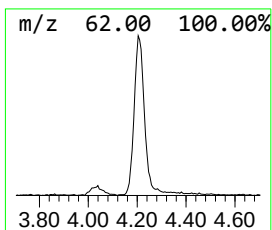
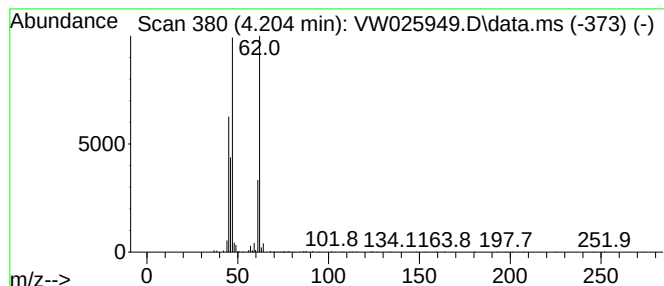
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl sulfide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.204	4.02 ug/L	317083	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	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025949.D
Acq On : 11 May 2023 12:14
Operator : SY/MD
Sample : 02689-22
Misc : 3.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP4

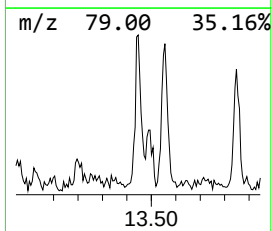
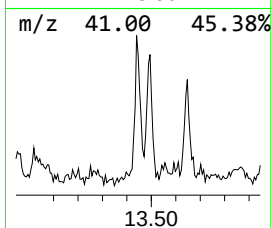
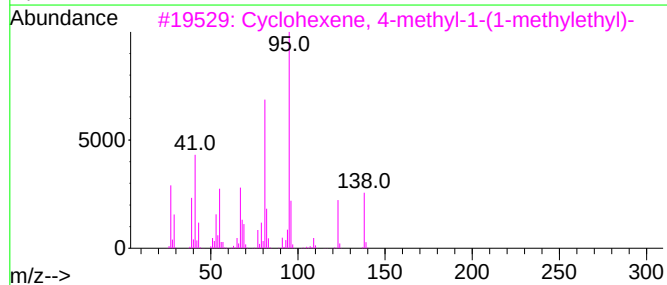
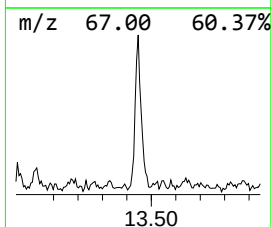
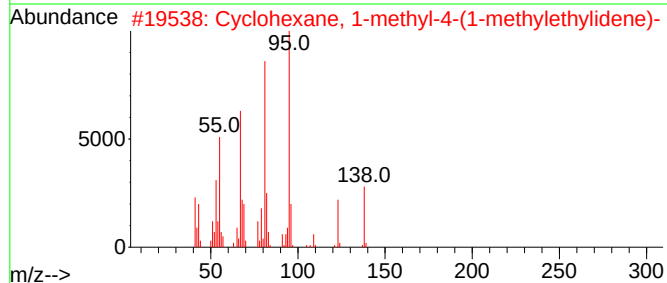
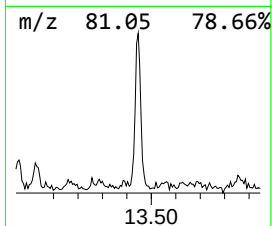
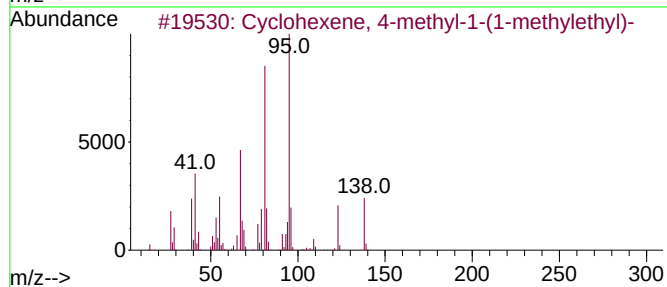
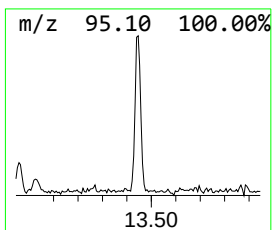
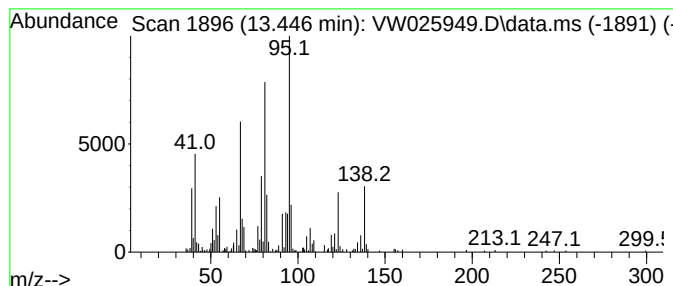
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	2.69 ug/L	93431	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	96
2			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	94
3			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	94
4			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	93
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025949.D
Acq On : 11 May 2023 12:14
Operator : SY/MD
Sample : 02689-22
Misc : 3.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP4

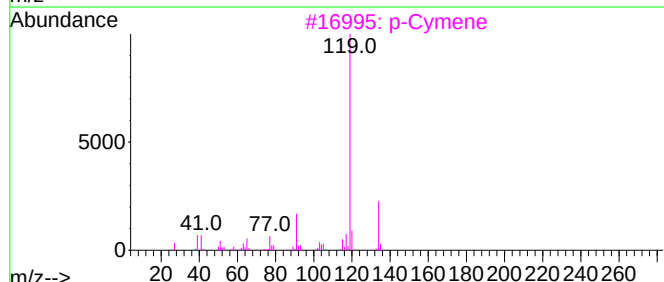
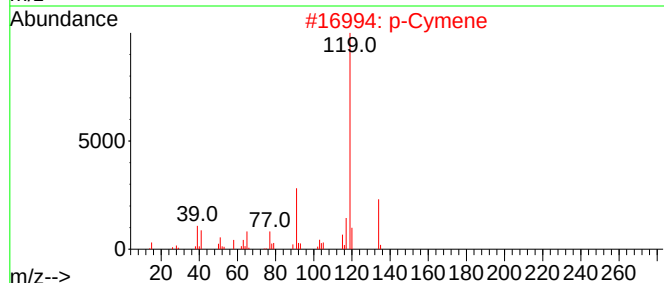
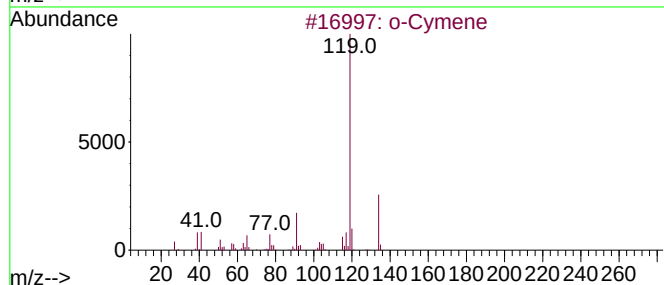
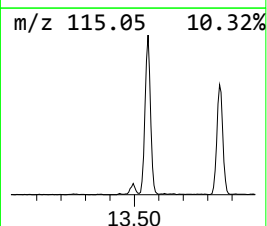
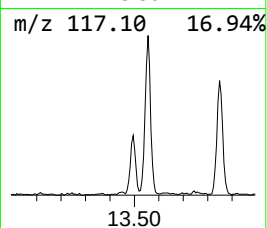
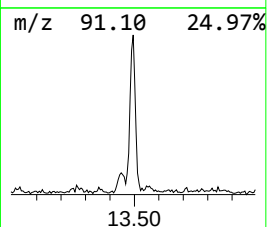
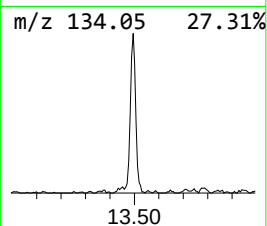
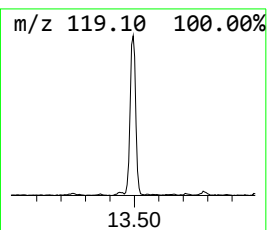
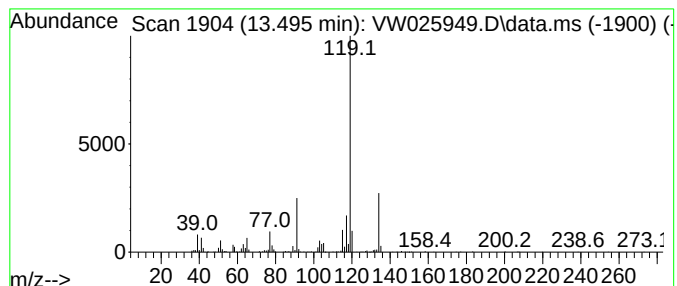
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	4.96 ug/L	171913	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			p-Cymene	134	C10H14	000099-87-6	94
3			p-Cymene	134	C10H14	000099-87-6	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			p-Cymene	134	C10H14	000099-87-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025949.D
Acq On : 11 May 2023 12:14
Operator : SY/MD
Sample : 02689-22
Misc : 3.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP4

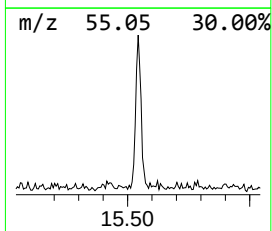
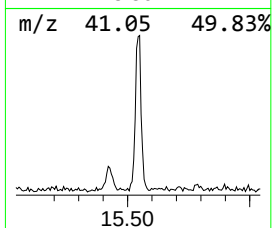
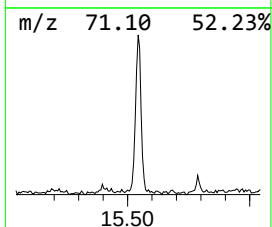
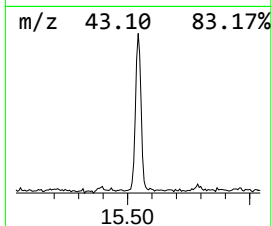
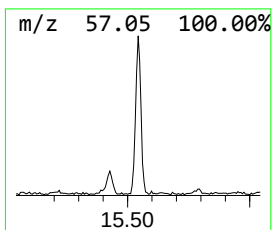
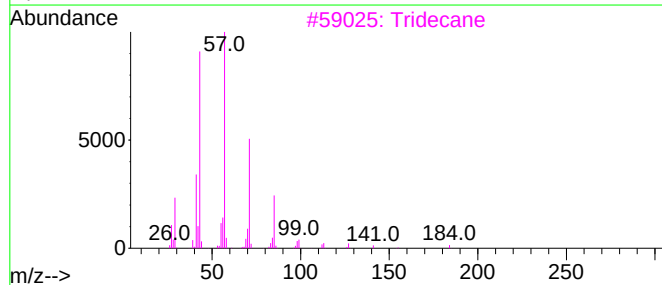
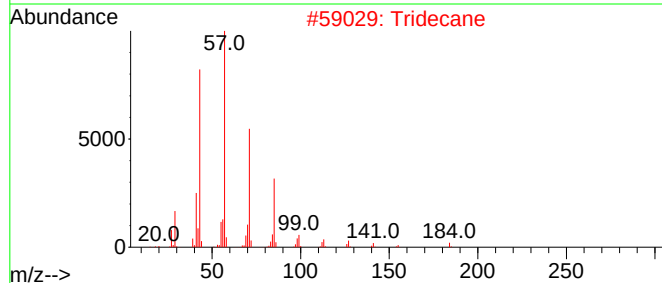
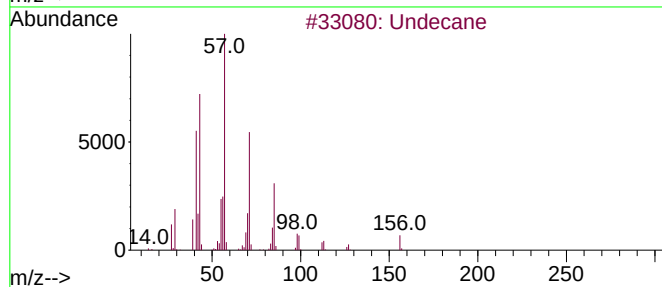
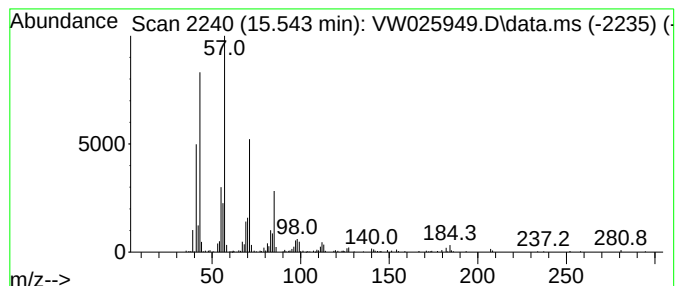
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	4.03 ug/L	139618	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	90
2			Tridecane	184	C13H28	000629-50-5	87
3			Tridecane	184	C13H28	000629-50-5	80
4			Dodecane	170	C12H26	000112-40-3	80
5			Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025949.D
Acq On : 11 May 2023 12:14
Operator : SY/MD
Sample : 02689-22
Misc : 3.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP4

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
Dimethyl sulfide	4.204	4.0	ug/L	317083	1	8.843	1972040	25.0
Cyclohexene, 4-...	13.446	2.7	ug/L	93431	3	13.556	866789	25.0
o-Cymene	13.495	5.0	ug/L	171913	3	13.556	866789	25.0
(DEL) Alkane: S...	15.543	4.0	ug/L	139618	3	13.556	866789	25.0