

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025948.D
 Acq On : 11 May 2023 11:50
 Operator : SY/MD
 Sample : 02689-21
 Misc : 3.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREP3

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: VW025948.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	40	43	52	rBV3	13506	32973	1.13%	0.174%
2	2.369	72	79	90	rBV	146663	361883	12.37%	1.908%
3	2.661	123	127	136	rBV	19799	48432	1.66%	0.255%
4	2.899	159	166	179	rVB	121483	342751	11.72%	1.807%
5	3.289	226	230	234	rBV5	1159	2365	0.08%	0.012%
6	3.393	242	247	254	rVV5	4763	10766	0.37%	0.057%
7	3.618	282	284	288	rVB5	1660	2316	0.08%	0.012%
8	3.862	316	324	325	rBV7	2799	4927	0.17%	0.026%
9	3.887	325	328	332	rVB6	2104	3098	0.11%	0.016%
10	4.021	337	350	362	rBV	245616	793099	27.11%	4.182%
11	4.124	362	367	373	rVV2	37582	100089	3.42%	0.528%
12	4.210	373	381	393	rVV2	65019	192735	6.59%	1.016%
13	4.289	393	394	399	rVV5	2796	4184	0.14%	0.022%
14	4.356	401	405	407	rVV5	1951	3325	0.11%	0.018%
15	4.405	407	413	423	rVV5	5175	18663	0.64%	0.098%
16	4.917	481	497	511	rBV2	41991	166133	5.68%	0.876%
17	5.118	526	530	531	rBV4	4229	4809	0.16%	0.025%
18	5.173	533	539	540	rBV6	2003	3830	0.13%	0.020%
19	5.362	566	570	575	rVB8	2168	3822	0.13%	0.020%
20	5.405	575	577	580	rBV4	2442	3100	0.11%	0.016%
21	5.582	604	606	609	rBV4	2000	2706	0.09%	0.014%
22	5.758	633	635	638	rBV4	2051	2260	0.08%	0.012%
23	5.947	657	666	676	rBV3	18028	58589	2.00%	0.309%
24	6.136	693	697	701	rVB7	2034	3132	0.11%	0.017%
25	6.508	755	758	761	rBV5	2341	2723	0.09%	0.014%
26	6.679	784	786	791	rVV5	2589	3251	0.11%	0.017%
27	6.874	813	818	820	rBV6	1863	2502	0.09%	0.013%
28	6.996	836	838	842	rVV5	2097	2500	0.09%	0.013%
29	7.081	843	852	862	rVV	80820	252707	8.64%	1.333%
30	7.173	862	867	879	rVB	24637	74859	2.56%	0.395%
31	7.429	905	909	911	rBV5	2452	3088	0.11%	0.016%
32	7.648	935	945	960	rVV	477138	1187021	40.58%	6.259%
33	7.959	991	996	1000	rVV8	3091	4920	0.17%	0.026%
34	8.276	1034	1048	1066	rBV2	1010414	2925276	100.00%	15.425%
35	8.398	1066	1068	1073	rVB6	2794	3086	0.11%	0.016%
36	8.691	1113	1116	1117	rBV2	2289	2464	0.08%	0.013%

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

37	8.843	1130	1141	1159	rBV	947235	1908792	65.25%	10.065%
38	9.215	1197	1202	1203	rBV5	2307	4064	0.14%	0.021%
39	9.276	1203	1212	1222	rVV	686253	1396024	47.72%	7.361%
40	9.343	1222	1223	1226	rVB3	2759	2106	0.07%	0.011%
41	9.672	1270	1277	1279	rBV8	4049	8055	0.28%	0.042%
42	10.032	1328	1336	1347	rVV	272775	517905	17.70%	2.731%
43	10.129	1347	1352	1356	rVV6	6575	11744	0.40%	0.062%
44	10.325	1376	1384	1390	rBV	1166927	2025732	69.25%	10.682%
45	10.386	1390	1394	1403	rVB	330447	569932	19.48%	3.005%
46	10.507	1410	1414	1419	rBV7	4441	8468	0.29%	0.045%
47	10.581	1419	1426	1434	rVB	174152	313009	10.70%	1.650%
48	10.703	1440	1446	1452	rVB2	18267	36567	1.25%	0.193%
49	10.751	1452	1454	1456	rVV3	2695	3107	0.11%	0.016%
50	10.861	1468	1472	1476	rVB6	3526	5856	0.20%	0.031%
51	10.922	1476	1482	1497	rBV	290337	567789	19.41%	2.994%
52	11.099	1507	1511	1513	rBV5	3065	4423	0.15%	0.023%
53	11.574	1587	1589	1591	rBV2	2303	2700	0.09%	0.014%
54	11.629	1591	1598	1608	rVV	984319	1640962	56.10%	8.653%
55	11.733	1611	1615	1619	rVB3	6341	11145	0.38%	0.059%
56	11.843	1626	1633	1642	rVB10	7004	18247	0.62%	0.096%
57	12.172	1676	1687	1692	rBV10	6782	21741	0.74%	0.115%
58	12.330	1711	1713	1718	rBV6	3643	6837	0.23%	0.036%
59	12.471	1729	1736	1740	rBV5	14811	28345	0.97%	0.149%
60	12.519	1741	1744	1748	rVB5	4093	5893	0.20%	0.031%
61	12.562	1748	1751	1753	rBV4	2035	2579	0.09%	0.014%
62	12.605	1753	1758	1765	rVV2	27264	46637	1.59%	0.246%
63	12.690	1765	1772	1780	rVV	362040	624859	21.36%	3.295%
64	12.775	1784	1786	1795	rVB8	9778	18560	0.63%	0.098%
65	12.861	1795	1800	1804	rBV5	6453	13798	0.47%	0.073%
66	12.928	1808	1811	1812	rVV3	9493	11408	0.39%	0.060%
67	12.952	1813	1815	1822	rVV6	16499	28481	0.97%	0.150%
68	13.025	1823	1827	1832	rVV8	9819	17282	0.59%	0.091%
69	13.092	1836	1838	1843	rVB6	3090	3635	0.12%	0.019%
70	13.172	1848	1851	1852	rBV3	2392	2838	0.10%	0.015%
71	13.251	1859	1864	1866	rBV4	7227	11534	0.39%	0.061%
72	13.361	1879	1882	1883	rBV3	3822	3665	0.13%	0.019%
73	13.446	1890	1896	1899	rBV2	67089	105163	3.59%	0.555%
74	13.495	1899	1904	1909	rVV	200901	309864	10.59%	1.634%
75	13.556	1909	1914	1923	rVV	535734	860260	29.41%	4.536%
76	13.647	1925	1929	1935	rVB2	15618	22886	0.78%	0.121%

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Title : SFAM01.0

77	13.751	1944	1946	1955	rVB10	3378	7294	0.25%	0.038%
78	13.848	1955	1962	1972	rVB	413856	685062	23.42%	3.612%
79	13.952	1976	1979	1980	rBV3	3694	4189	0.14%	0.022%
80	14.062	1991	1997	2006	rVB2	41180	71510	2.44%	0.377%
81	14.330	2038	2041	2046	rVB7	4865	6311	0.22%	0.033%
82	14.421	2052	2056	2063	rBV9	6124	14905	0.51%	0.079%
83	14.488	2065	2067	2071	rBV5	1841	2548	0.09%	0.013%
84	14.629	2087	2090	2094	rVB5	3489	5447	0.19%	0.029%
85	14.696	2095	2101	2102	rBV6	2783	5355	0.18%	0.028%
86	14.720	2102	2105	2110	rVB7	4175	7217	0.25%	0.038%
87	14.805	2113	2119	2120	rVV6	3979	7482	0.26%	0.039%
88	14.848	2122	2126	2132	rVB2	24837	41905	1.43%	0.221%
89	14.958	2140	2144	2145	rBV4	2372	3132	0.11%	0.017%
90	15.068	2156	2162	2164	rBV7	3747	6699	0.23%	0.035%
91	15.238	2186	2190	2195	rVB8	2330	3860	0.13%	0.020%
92	15.324	2199	2204	2207	rBV7	4195	6732	0.23%	0.035%
93	15.427	2216	2221	2225	rVV2	20623	36649	1.25%	0.193%
94	15.482	2225	2230	2235	rVV	22611	41323	1.41%	0.218%
95	15.543	2235	2240	2249	rVB	71836	113864	3.89%	0.600%
96	15.787	2276	2280	2285	rBV7	4768	9259	0.32%	0.049%
97	16.226	2350	2352	2356	rVB4	2578	2966	0.10%	0.016%
98	16.269	2356	2359	2369	rVB4	6812	17632	0.60%	0.093%
99	16.348	2369	2372	2375	rBV5	3905	5833	0.20%	0.031%
100	16.482	2389	2394	2401	rVB3	11647	20200	0.69%	0.107%

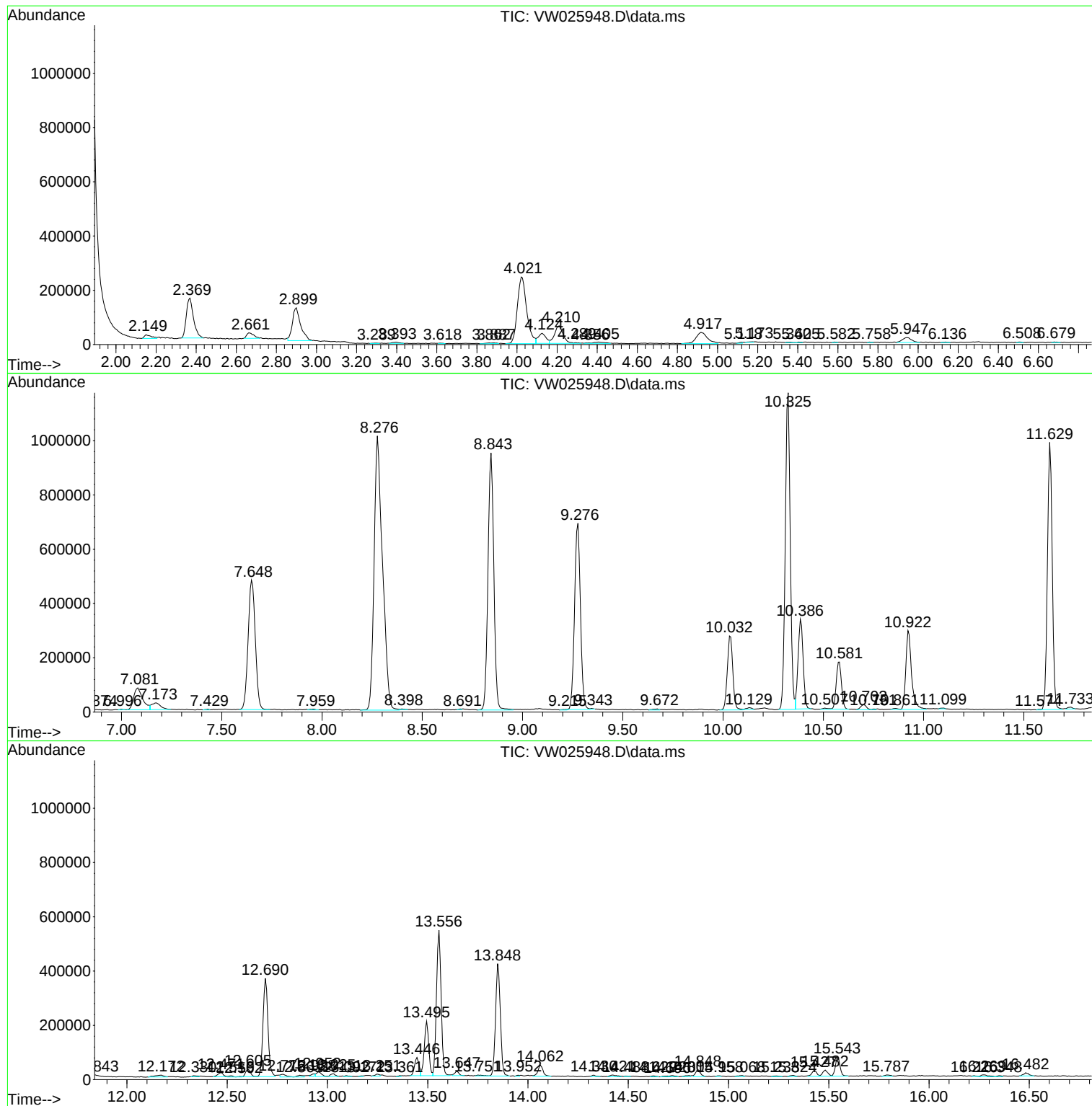
Sum of corrected areas: 18964650

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Instrument :
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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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Instrument :
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JREP3

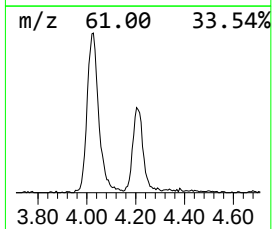
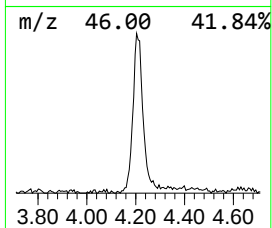
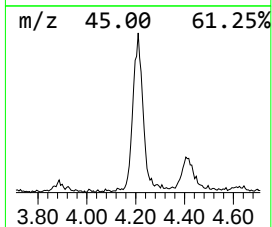
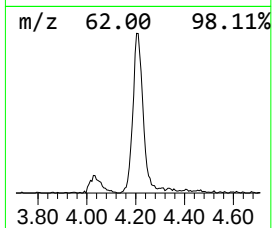
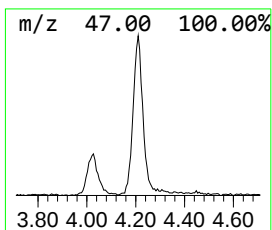
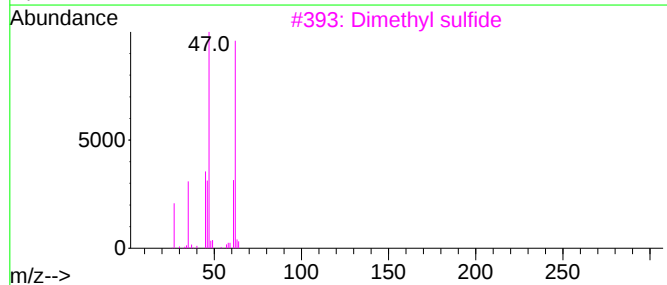
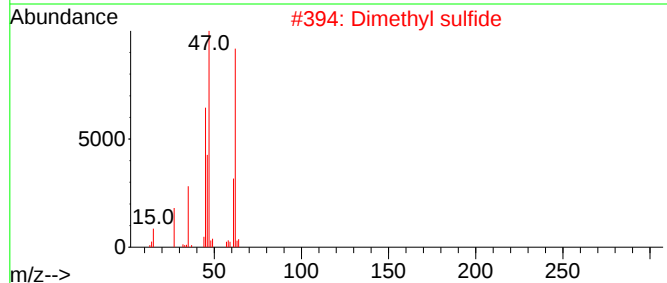
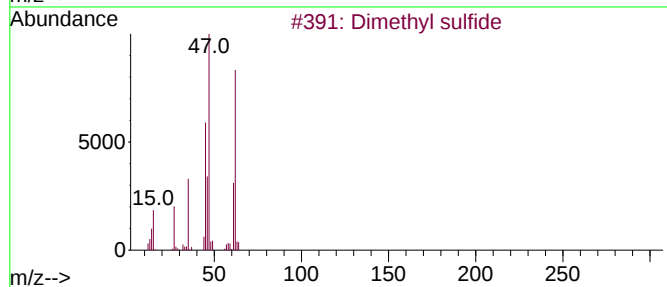
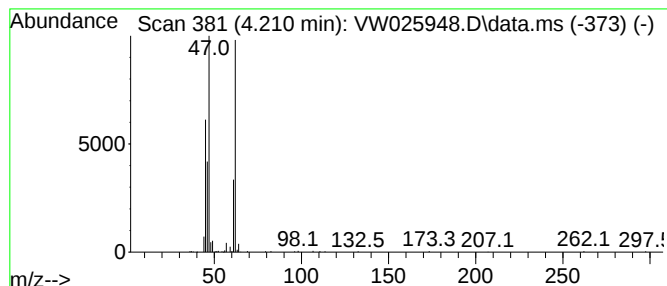
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.210	2.52 ug/L	192735	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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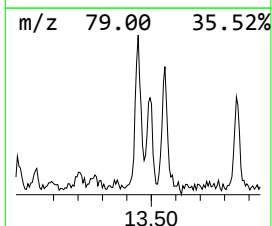
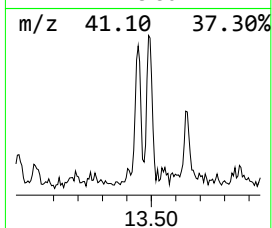
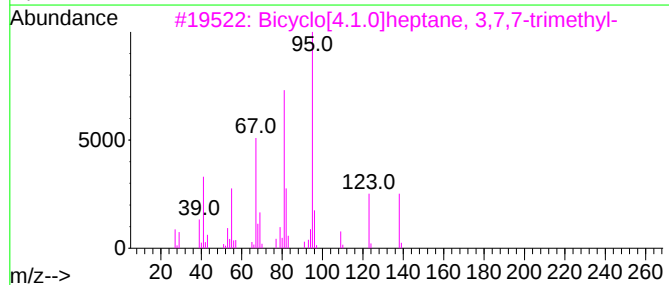
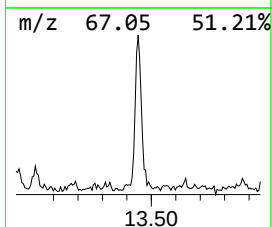
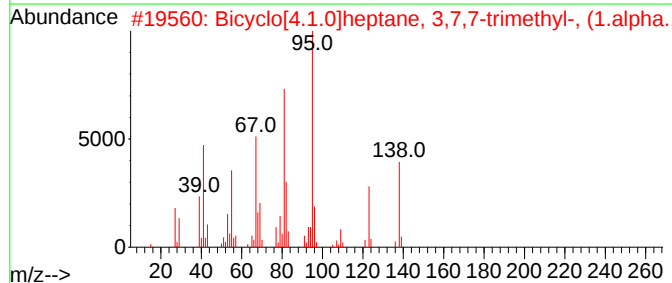
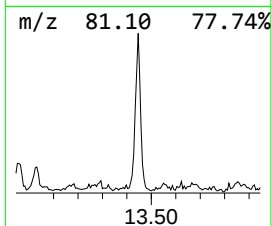
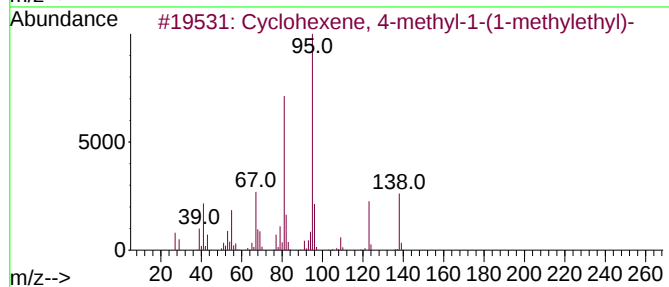
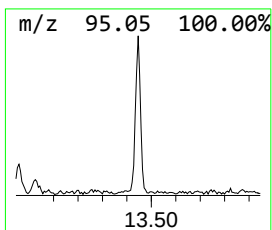
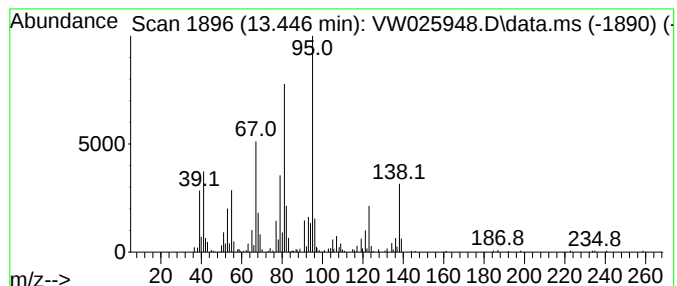
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	3.06 ug/L	105163	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	95
2			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	93
3			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	91
4			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	89
5			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	87



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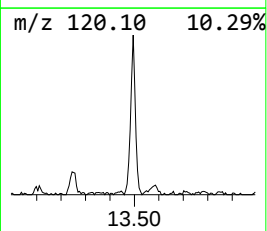
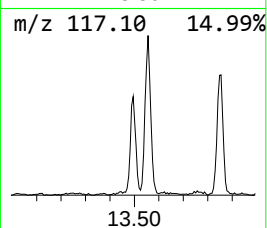
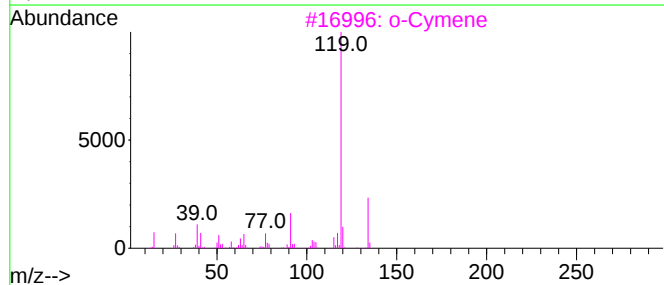
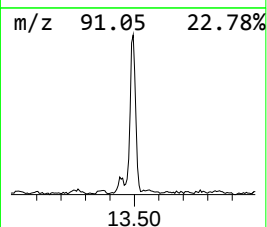
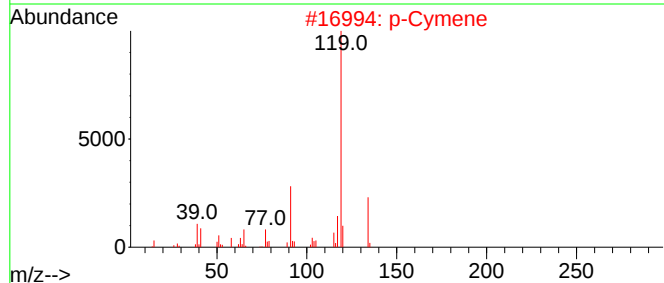
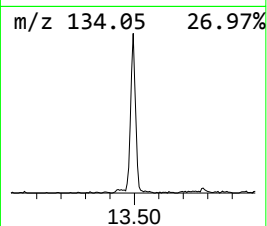
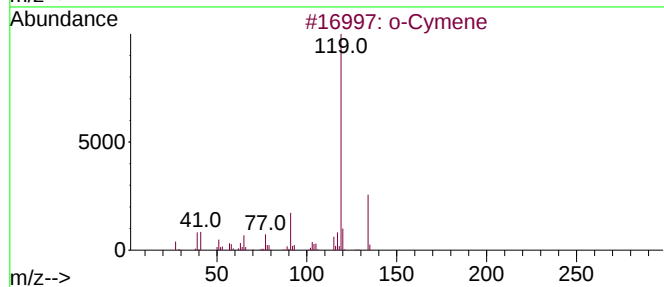
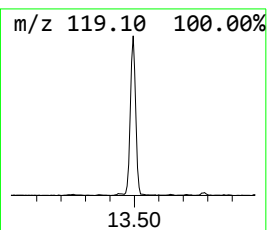
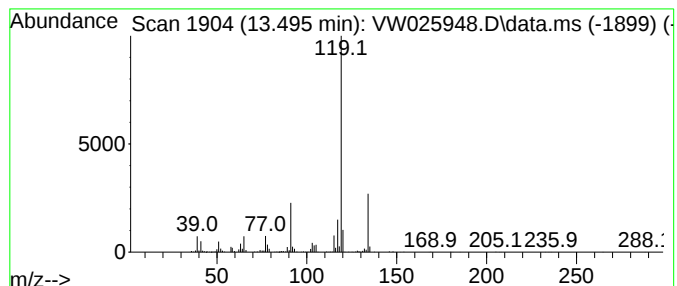
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.495	9.00 ug/L	309864	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			p-Cymene	134	C10H14	000099-87-6	97
3			o-Cymene	134	C10H14	000527-84-4	97
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5			p-Cymene	134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025948.D
Acq On : 11 May 2023 11:50
Operator : SY/MD
Sample : 02689-21
Misc : 3.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP3

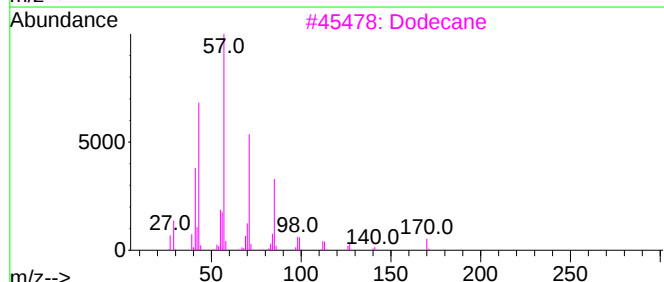
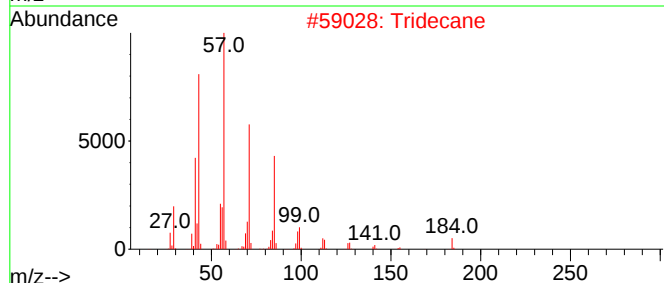
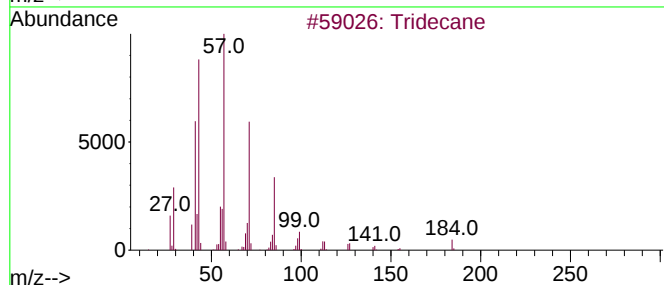
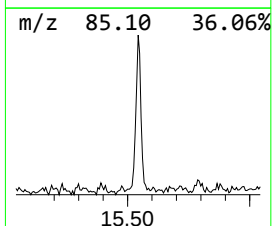
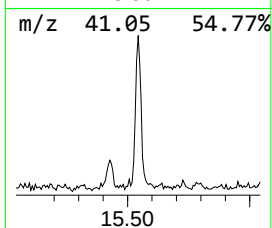
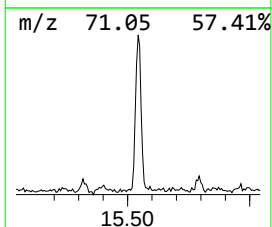
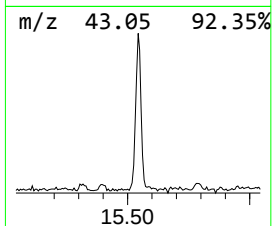
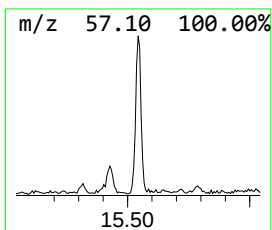
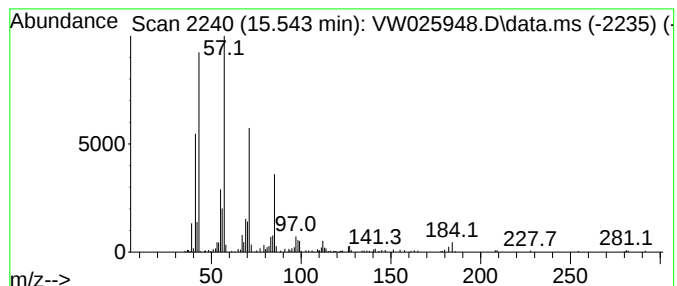
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Quant Title : SFAM01.0

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	3.31 ug/L	113864	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Tridecane	184	C13H28	000629-50-5	91
3			Dodecane	170	C12H26	000112-40-3	86
4			Tridecane	184	C13H28	000629-50-5	83
5			Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025948.D
Acq On : 11 May 2023 11:50
Operator : SY/MD
Sample : 02689-21
Misc : 3.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREP3

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	4.210	2.5	ug/L	192735	1	8.843	1908790	25.0
Cyclohexene, 4-...	13.446	3.1	ug/L	105163	3	13.556	860260	25.0
o-Cymene	13.495	9.0	ug/L	309864	3	13.556	860260	25.0
(DEL) Alkane: S...	15.543	3.3	ug/L	113864	3	13.556	860260	25.0