

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
 Data File : VW018738.D
 Acq On : 22 Apr 2021 16:18
 Operator : SY/VA
 Sample : M2121-03
 Misc : 3.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG512

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	11	15	30	rVB	30721	79910	6.36%	0.791%
2	2.160	37	42	46	rBV2	4574	9005	0.72%	0.089%
3	2.355	65	74	87	rBV	74381	161094	12.82%	1.594%
4	2.495	93	97	102	rBV	3507	6474	0.52%	0.064%
5	2.629	114	119	122	rBV4	2856	5853	0.47%	0.058%
6	2.891	153	162	176	rBV	61814	159930	12.73%	1.582%
7	3.391	240	244	251	rVB5	1254	2891	0.23%	0.029%
8	3.532	262	267	275	rBV4	1292	3318	0.26%	0.033%
9	4.019	336	347	359	rBV2	99275	312027	24.83%	3.087%
10	4.117	359	363	372	rVV2	10955	31768	2.53%	0.314%
11	4.208	372	378	386	rVB5	3974	11083	0.88%	0.110%
12	4.391	395	408	419	rBV3	32383	102513	8.16%	1.014%
13	4.922	483	495	509	rBV2	22094	80430	6.40%	0.796%
14	5.165	531	535	539	rVV4	1140	2064	0.16%	0.020%
15	5.421	569	577	579	rBV4	2315	4840	0.39%	0.048%
16	5.793	636	638	647	rVV3	1820	3493	0.28%	0.035%
17	5.946	654	663	672	rVV5	4546	13449	1.07%	0.133%
18	7.080	838	849	853	rBV	40966	104483	8.32%	1.034%
19	7.135	854	858	873	rVV	35447	108255	8.62%	1.071%
20	7.647	932	942	955	rBV	232119	579937	46.16%	5.737%
21	7.848	970	975	984	rVB5	1242	3077	0.24%	0.030%
22	7.952	984	992	999	rBV5	2432	6364	0.51%	0.063%
23	8.025	999	1004	1005	rBV3	2141	2589	0.21%	0.026%
24	8.275	1031	1045	1061	rBV2	405437	1256475	100.00%	12.431%
25	8.439	1068	1072	1073	rVV4	1933	2747	0.22%	0.027%
26	8.476	1073	1078	1088	rVB4	5416	15249	1.21%	0.151%
27	8.573	1088	1094	1100	rVB9	1532	3751	0.30%	0.037%
28	8.842	1129	1138	1151	rVV	598234	1165202	92.74%	11.528%
29	9.079	1168	1177	1183	rBV5	7077	14453	1.15%	0.143%
30	9.274	1199	1209	1224	rBV	307627	628015	49.98%	6.213%
31	9.622	1260	1266	1269	rVB4	1128	2030	0.16%	0.020%
32	9.756	1281	1288	1296	rBV3	7085	15735	1.25%	0.156%
33	9.890	1300	1310	1317	rBV4	11664	25970	2.07%	0.257%
34	10.037	1327	1334	1347	rVB	62891	117796	9.38%	1.165%
35	10.146	1347	1352	1356	rVB8	1291	2204	0.18%	0.022%
36	10.213	1356	1363	1365	rBV3	5863	9885	0.79%	0.098%

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 Title : SFAM01.0

37	10.244	1366	1368	1374	rVB3	6363	9392	0.75%	0.093%
38	10.323	1374	1381	1388	rBV	474998	821532	65.38%	8.128%
39	10.384	1388	1391	1398	rVV	9150	16616	1.32%	0.164%
40	10.506	1408	1411	1417	rVB4	2613	4626	0.37%	0.046%
41	10.579	1417	1423	1433	rBV2	44256	79326	6.31%	0.785%
42	10.707	1436	1444	1451	rBV2	38952	73163	5.82%	0.724%
43	10.774	1451	1455	1459	rBV6	2735	3707	0.30%	0.037%
44	10.841	1464	1466	1472	rVB6	2484	3873	0.31%	0.038%
45	10.927	1472	1480	1492	rBV	145486	256574	20.42%	2.538%
46	11.012	1492	1494	1498	rVV5	1885	2941	0.23%	0.029%
47	11.067	1498	1503	1510	rVB2	12980	21322	1.70%	0.211%
48	11.177	1517	1521	1525	rVV6	3136	5028	0.40%	0.050%
49	11.286	1534	1539	1544	rVV7	2546	5378	0.43%	0.053%
50	11.439	1559	1564	1571	rVB2	30139	48913	3.89%	0.484%
51	11.548	1577	1582	1587	rVV8	1476	3360	0.27%	0.033%
52	11.634	1588	1596	1605	rVV	648034	1128211	89.79%	11.162%
53	11.695	1605	1606	1609	rVV3	4867	5244	0.42%	0.052%
54	11.731	1609	1612	1617	rVB3	4467	6977	0.56%	0.069%
55	11.835	1621	1629	1633	rBV5	3811	10156	0.81%	0.100%
56	11.872	1633	1635	1641	rVB5	3682	6269	0.50%	0.062%
57	12.036	1657	1662	1666	rBV8	2135	4490	0.36%	0.044%
58	12.128	1672	1677	1679	rBV5	2740	4342	0.35%	0.043%
59	12.170	1679	1684	1687	rVV4	3298	5721	0.46%	0.057%
60	12.231	1691	1694	1700	rVB6	3092	5723	0.46%	0.057%
61	12.347	1704	1713	1714	rBV8	4497	10562	0.84%	0.104%
62	12.463	1723	1732	1737	rBV3	7904	18635	1.48%	0.184%
63	12.609	1745	1756	1762	rVB3	49887	100152	7.97%	0.991%
64	12.695	1762	1770	1777	rBV	209393	359460	28.61%	3.556%
65	12.749	1777	1779	1780	rBV2	3140	3148	0.25%	0.031%
66	12.865	1792	1798	1801	rBV2	15454	28678	2.28%	0.284%
67	12.896	1801	1803	1806	rVV3	3185	2602	0.21%	0.026%
68	12.938	1806	1810	1813	rBV3	11199	21628	1.72%	0.214%
69	13.042	1823	1827	1829	rVB5	3370	4348	0.35%	0.043%
70	13.103	1829	1837	1843	rBV	50864	91234	7.26%	0.903%
71	13.194	1843	1852	1857	rBV2	13139	26769	2.13%	0.265%
72	13.255	1858	1862	1864	rVV3	3374	4590	0.37%	0.045%
73	13.298	1864	1869	1874	rVB3	17666	29005	2.31%	0.287%
74	13.341	1874	1876	1879	rVB5	2335	2177	0.17%	0.022%
75	13.408	1879	1887	1890	rBV	20818	41961	3.34%	0.415%
76	13.469	1893	1897	1901	rVV2	22074	37310	2.97%	0.369%

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77	13.554	1905	1911	1929	rVB	434040	774687	61.66%	7.664%
78	13.694	1932	1934	1936	rBV3	2715	3049	0.24%	0.030%
79	13.786	1940	1949	1954	rBV2	51750	104367	8.31%	1.033%
80	13.853	1954	1960	1971	rBV	305021	509066	40.52%	5.036%
81	14.011	1980	1986	1988	rBV	31077	50441	4.01%	0.499%
82	14.036	1988	1990	1993	rVB	13542	18315	1.46%	0.181%
83	14.200	2011	2017	2022	rBV4	12661	26630	2.12%	0.263%
84	14.261	2022	2027	2034	rVB10	8337	17323	1.38%	0.171%
85	14.335	2034	2039	2043	rBV	14788	25929	2.06%	0.257%
86	14.383	2043	2047	2050	rVV6	5569	7342	0.58%	0.073%
87	14.499	2061	2066	2069	rBV6	11602	20933	1.67%	0.207%
88	14.664	2089	2093	2094	rBV4	2762	4314	0.34%	0.043%
89	14.688	2094	2097	2101	rVV6	6842	11685	0.93%	0.116%
90	14.731	2102	2104	2108	rVB5	7092	9759	0.78%	0.097%
91	14.804	2110	2116	2121	rBV2	22274	44009	3.50%	0.435%
92	14.853	2121	2124	2128	rVB6	6553	9915	0.79%	0.098%
93	14.969	2138	2143	2147	rBV7	6059	11387	0.91%	0.113%
94	15.060	2154	2158	2163	rBV8	5758	10134	0.81%	0.100%
95	15.164	2173	2175	2181	rVB7	5827	9027	0.72%	0.089%
96	15.237	2185	2187	2196	rVB10	5857	11019	0.88%	0.109%
97	15.334	2198	2203	2208	rBV6	6084	13614	1.08%	0.135%
98	15.395	2209	2213	2215	rBV5	6228	10178	0.81%	0.101%
99	15.432	2216	2219	2224	rVB2	13251	21063	1.68%	0.208%
100	15.725	2265	2267	2275	rVB8	6593	14268	1.14%	0.141%

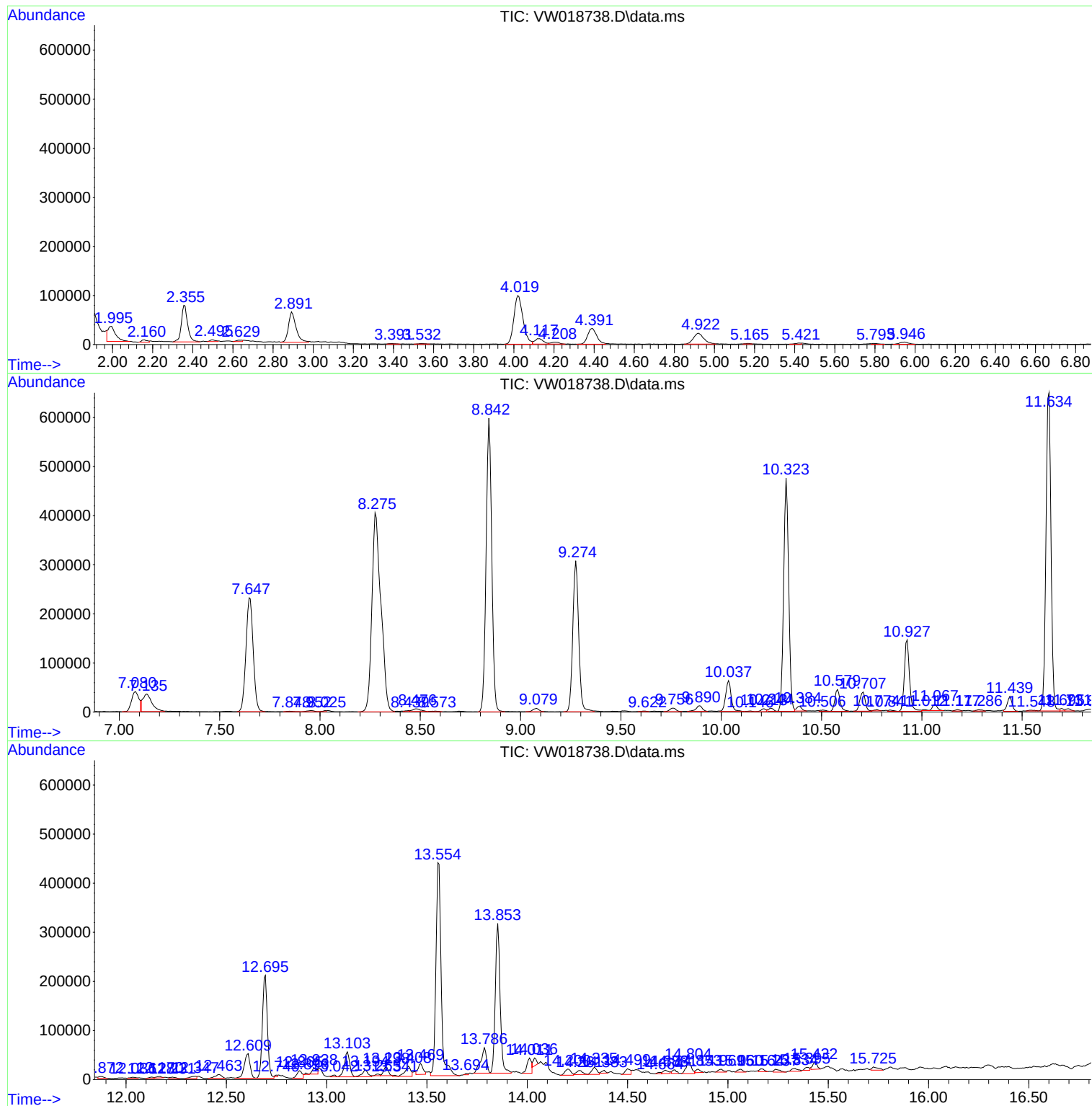
Sum of corrected areas: 10107956

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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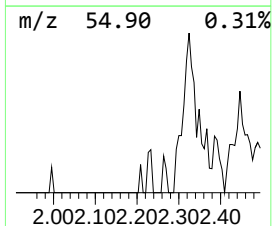
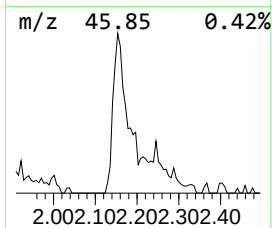
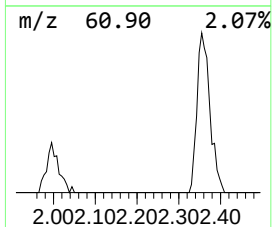
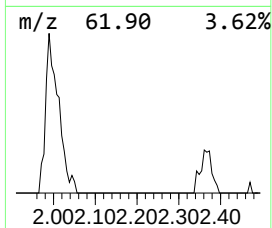
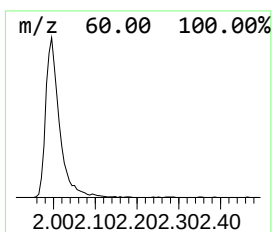
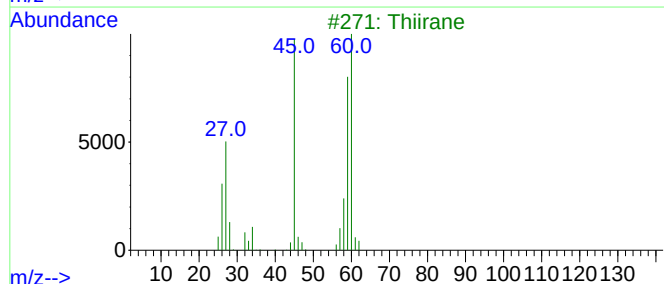
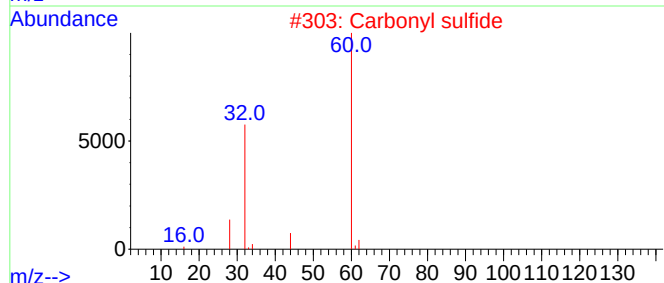
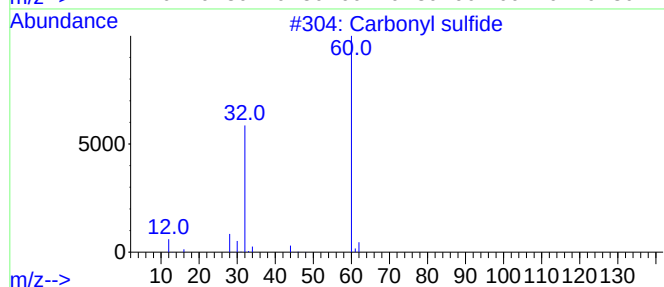
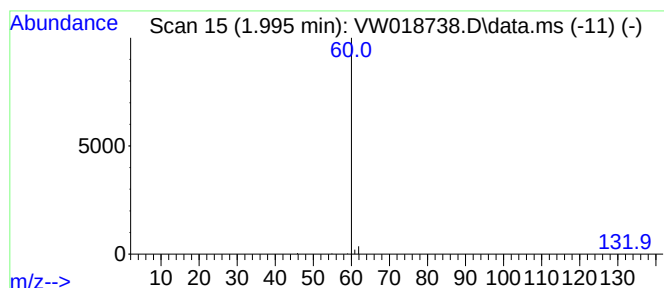
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.995	1.71 ug/L	79910	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonyl sulfide	60	COS	000463-58-1	5
2			Carbonyl sulfide	60	COS	000463-58-1	5
3			Thiirane	60	C2H4S	000420-12-2	4
4			Thiirane	60	C2H4S	000420-12-2	4
5			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4



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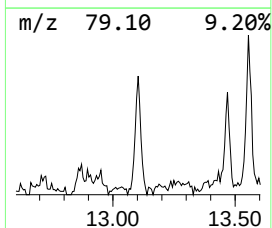
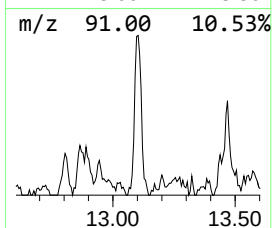
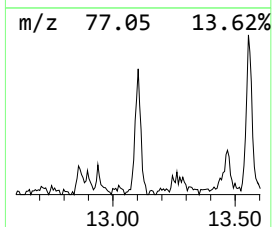
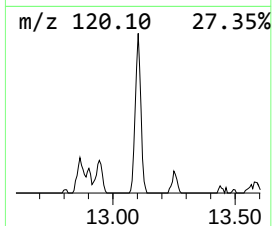
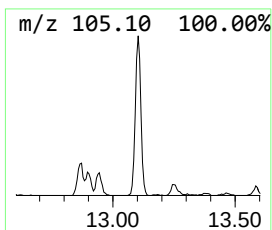
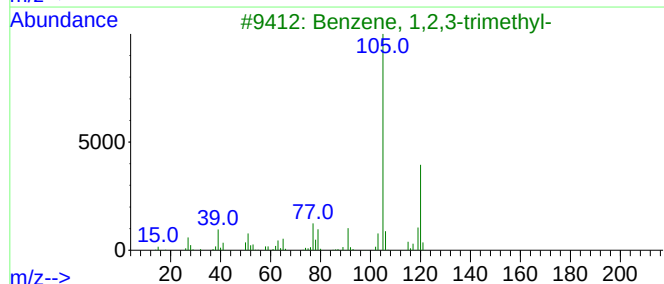
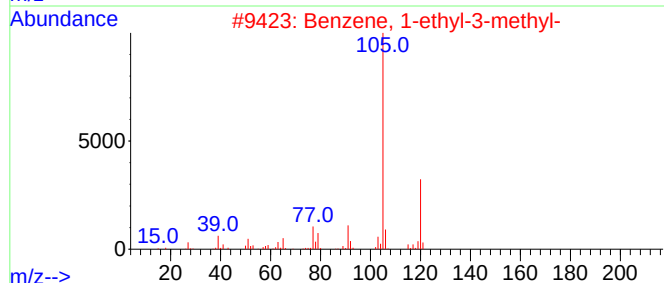
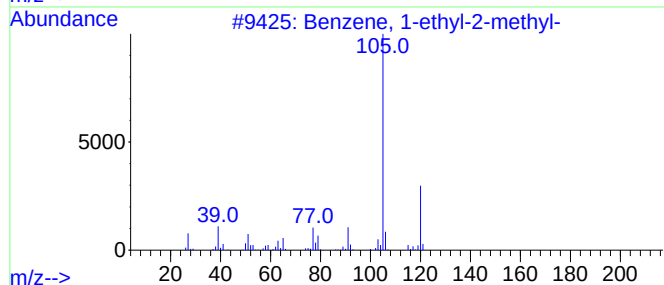
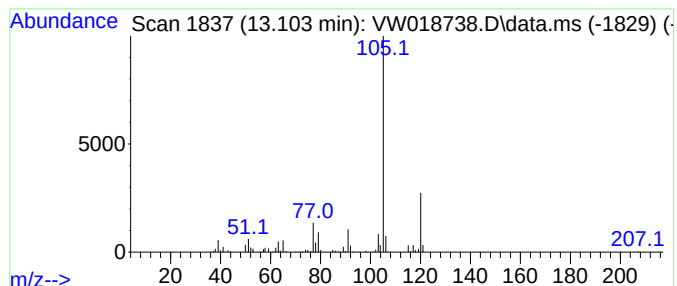
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	2.94 ug/L	91234	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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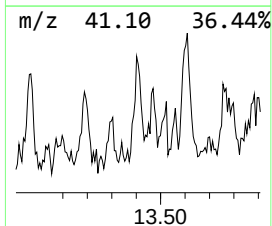
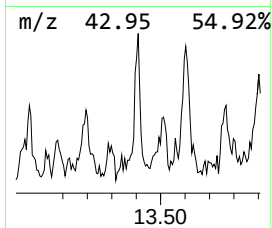
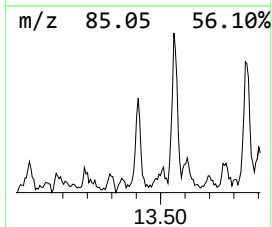
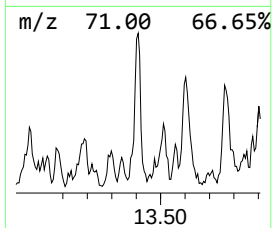
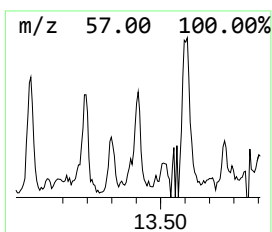
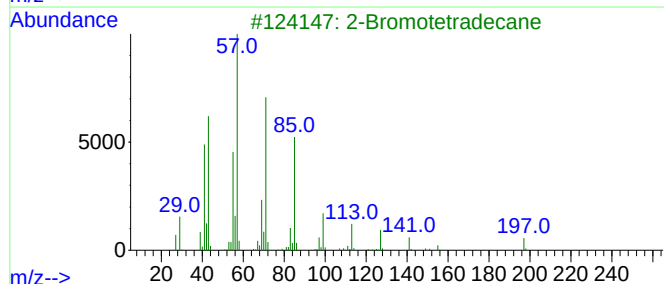
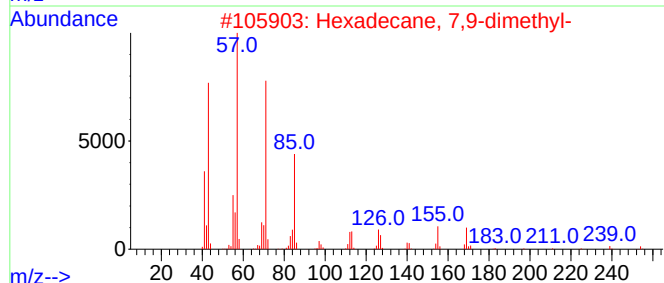
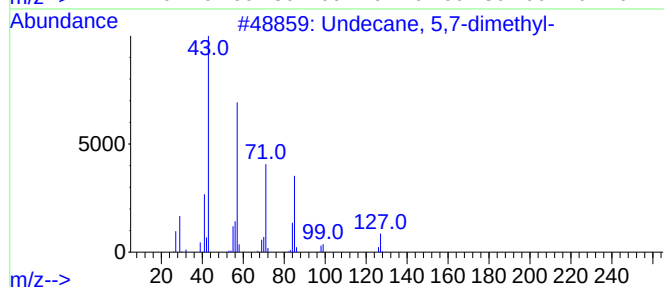
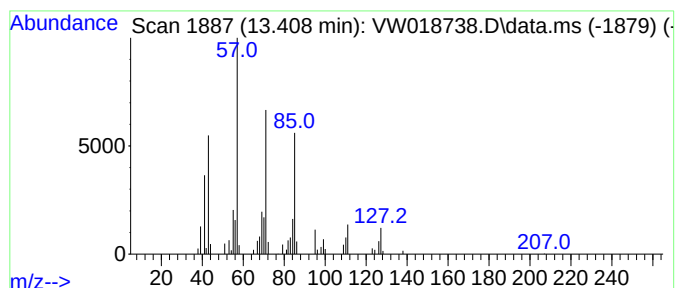
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Quant Title : SFAM01.0

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Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.408	1.35 ug/L	41961	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-		184	C13H28	017312-83-3	64
2	Hexadecane, 7,9-dimethyl-		254	C18H38	021164-95-4	59
3	2-Bromotetradecane		276	C14H29Br	074036-95-6	59
4	Octane, 5-ethyl-2-methyl-		156	C11H24	062016-18-6	53
5	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
Data File : VW018738.D
Acq On : 22 Apr 2021 16:18
Operator : SY/VA
Sample : M2121-03
Misc : 3.23G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG512

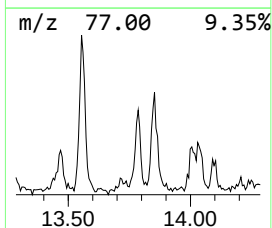
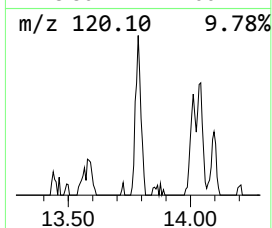
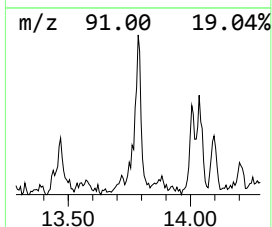
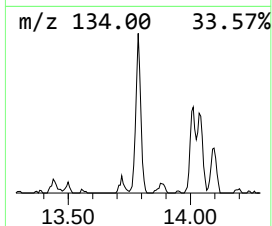
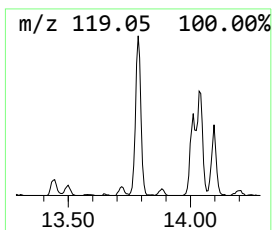
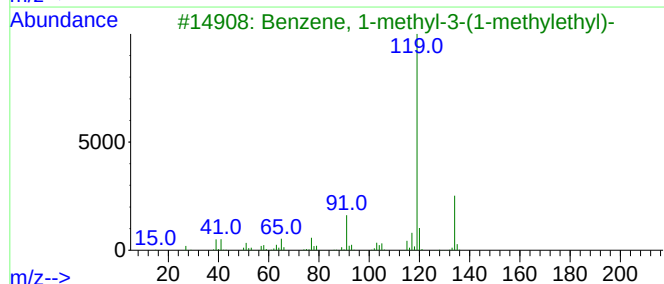
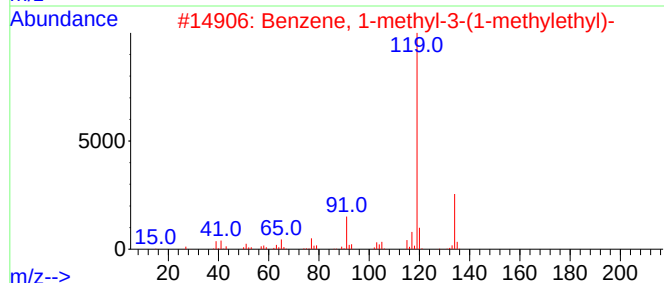
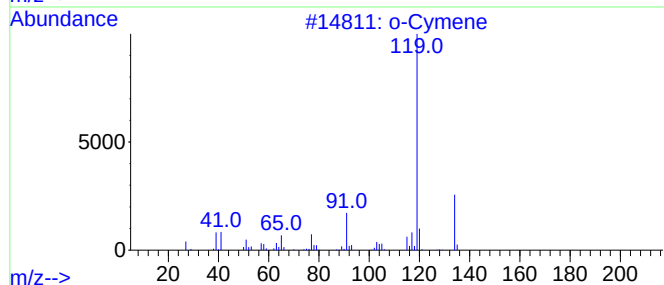
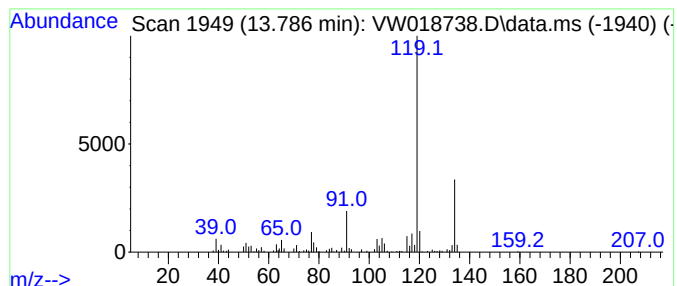
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.786	3.37 ug/L	104367	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
Data File : VW018738.D
Acq On : 22 Apr 2021 16:18
Operator : SY/VA
Sample : M2121-03
Misc : 3.23G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG512

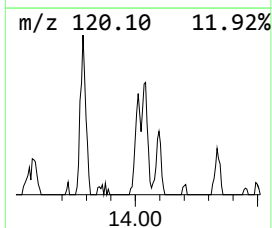
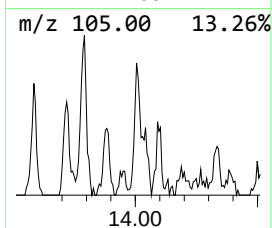
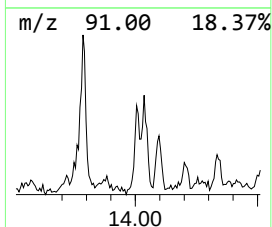
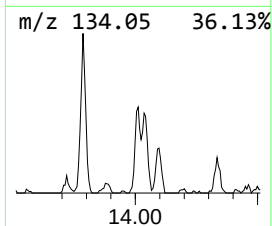
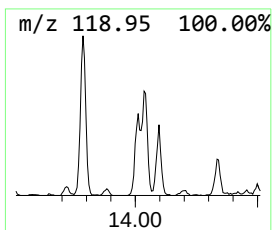
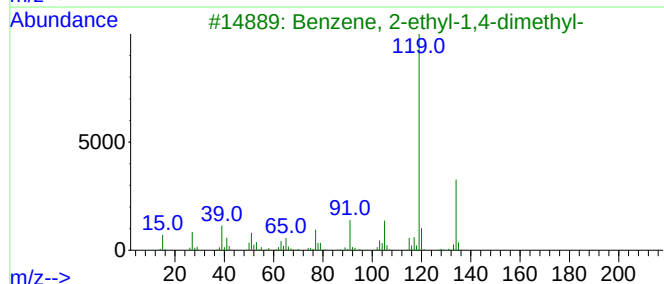
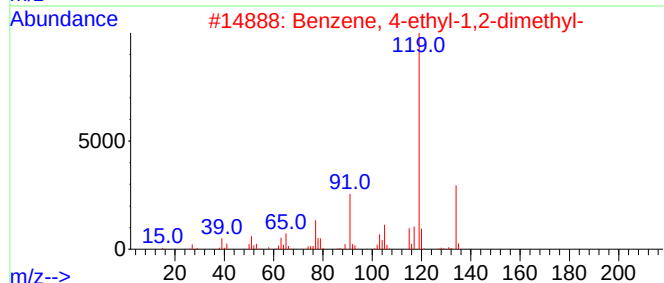
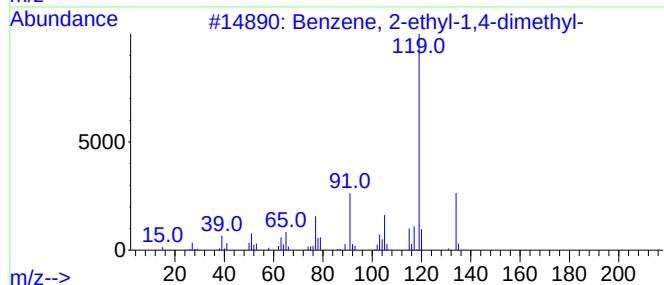
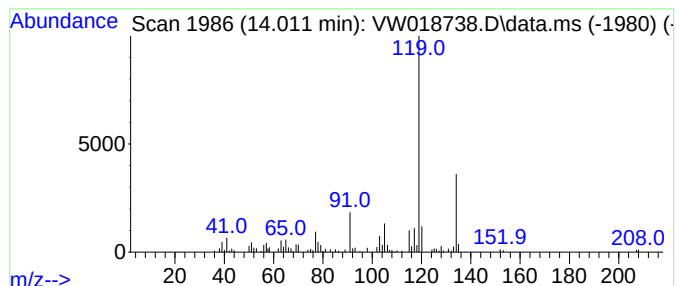
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	1.63 ug/L	50441	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
Data File : VW018738.D
Acq On : 22 Apr 2021 16:18
Operator : SY/VA
Sample : M2121-03
Misc : 3.23G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG512

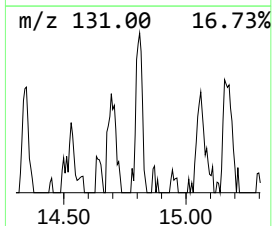
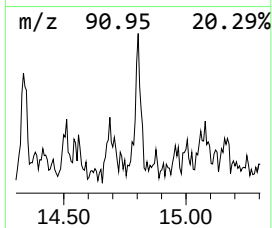
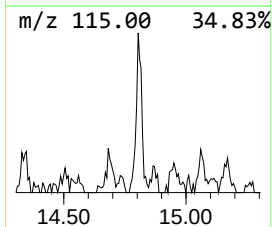
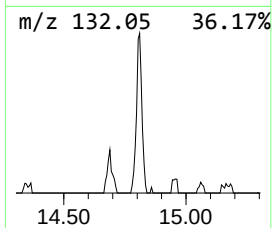
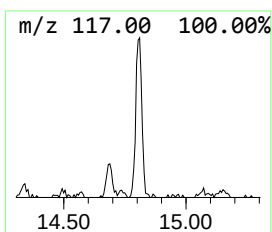
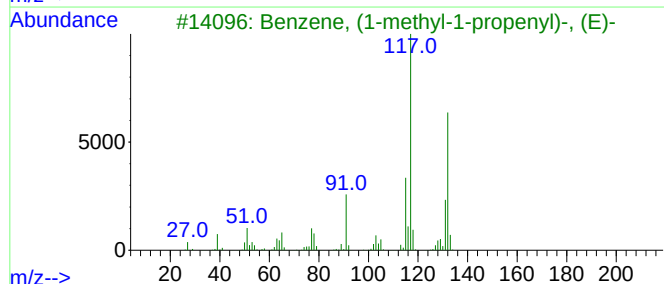
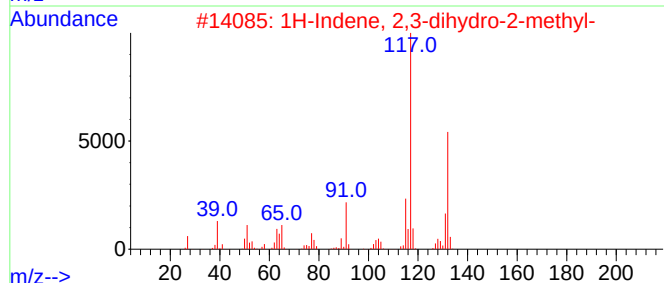
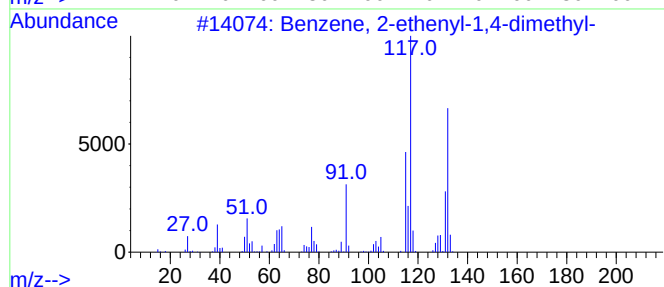
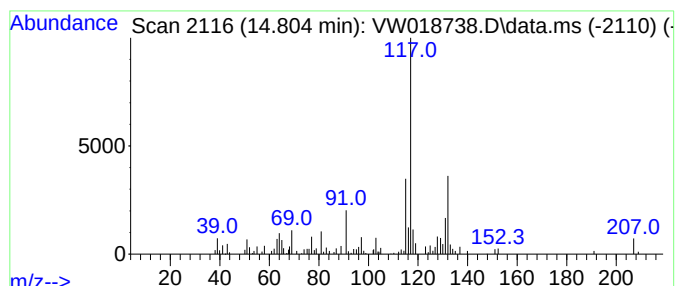
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	1.42 ug/L	44009	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
Data File : VW018738.D
Acq On : 22 Apr 2021 16:18
Operator : SY/VA
Sample : M2121-03
Misc : 3.23G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG512

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.995	1.7	ug/L	79910	1	8.842	1165200	25.0
Benzene, 1-ethy...	13.103	2.9	ug/L	91234	3	13.560	774687	25.0
(DEL) Alkane: S...	13.408	1.4	ug/L	41961	3	13.560	774687	25.0
o-Cymene	13.786	3.4	ug/L	104367	3	13.560	774687	25.0
Benzene, 2-ethy...	14.011	1.6	ug/L	50441	3	13.560	774687	25.0
Benzene, 2-ethe...	14.804	1.4	ug/L	44009	3	13.560	774687	25.0