

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021537.D
 Acq On : 21 Dec 2021 21:05
 Operator : SY/VA
 Sample : M5194-03
 Misc : 5.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB5

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021537.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	38	42	49	rVB2	1062	1772	0.36%	0.043%
2	2.239	53	55	57	rVB	177	119	0.02%	0.003%
3	2.257	57	58	60	rBV	170	111	0.02%	0.003%
4	2.355	68	74	82	rVB	33528	53646	10.99%	1.305%
5	2.428	85	86	89	rBV	187	125	0.03%	0.003%
6	2.452	89	90	94	rBV2	160	179	0.04%	0.004%
7	2.501	94	98	99	rBV	394	315	0.06%	0.008%
8	2.611	112	116	118	rBV	548	524	0.11%	0.013%
9	2.635	118	120	126	rVB2	493	585	0.12%	0.014%
10	2.806	141	148	152	rBV2	167	448	0.09%	0.011%
11	2.885	154	161	173	rVV	18330	37559	7.70%	0.914%
12	3.025	180	184	187	rBV2	277	309	0.06%	0.008%
13	3.129	200	201	203	rBV	99	98	0.02%	0.002%
14	3.239	216	219	221	rVV	93	92	0.02%	0.002%
15	3.732	297	300	301	rBV	89	116	0.02%	0.003%
16	4.019	336	347	361	rVB	52854	140278	28.75%	3.412%
17	4.117	361	363	364	rBV	182	179	0.04%	0.004%
18	4.135	364	366	368	rVV2	252	221	0.05%	0.005%
19	4.153	368	369	371	rVB	147	105	0.02%	0.003%
20	4.263	381	387	392	rBB	350	711	0.15%	0.017%
21	4.306	392	394	396	rBV	70	94	0.02%	0.002%
22	4.470	419	421	424	rBV	79	127	0.03%	0.003%
23	4.616	444	445	448	rBV	110	104	0.02%	0.003%
24	4.751	464	467	468	rVV	85	93	0.02%	0.002%
25	4.805	475	476	477	rBV	150	99	0.02%	0.002%
26	4.824	477	479	481	rVV2	140	131	0.03%	0.003%
27	4.921	484	495	506	rVV	15530	48004	9.84%	1.168%
28	5.007	506	509	512	rVV	152	135	0.03%	0.003%
29	5.068	517	519	521	rVB	137	125	0.03%	0.003%
30	5.092	522	523	526	rBV	131	130	0.03%	0.003%
31	5.177	535	537	540	rVB	90	97	0.02%	0.002%
32	5.311	557	559	561	rBB	142	99	0.02%	0.002%
33	5.439	577	580	583	rVB	166	216	0.04%	0.005%
34	5.525	593	594	597	rBV	76	93	0.02%	0.002%
35	5.653	610	615	616	rBV	117	194	0.04%	0.005%
36	5.665	616	617	621	rVB	162	163	0.03%	0.004%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Title : SFAM01.0

37	5.695	621	622	624	rBV	144	112	0.02%	0.003%
38	5.726	624	627	628	rVB	146	123	0.03%	0.003%
39	5.781	633	636	637	rBV	94	113	0.02%	0.003%
40	5.952	655	664	669	rBV3	877	2352	0.48%	0.057%
41	6.226	706	709	712	rVB3	124	184	0.04%	0.004%
42	6.299	719	721	725	rBB3	137	137	0.03%	0.003%
43	6.439	741	744	746	rBV	124	134	0.03%	0.003%
44	6.482	749	751	753	rBB	138	116	0.02%	0.003%
45	6.714	787	789	793	rBB	160	187	0.04%	0.005%
46	6.744	793	794	797	rBV	122	112	0.02%	0.003%
47	6.787	797	801	803	rVB2	139	203	0.04%	0.005%
48	6.829	804	808	810	rBB2	77	94	0.02%	0.002%
49	6.896	816	819	821	rBV	106	129	0.03%	0.003%
50	7.079	840	849	859	rBV	9173	27269	5.59%	0.663%
51	7.262	872	879	883	rBV	315	696	0.14%	0.017%
52	7.329	888	890	892	rVB	122	91	0.02%	0.002%
53	7.366	893	896	899	rBB	135	201	0.04%	0.005%
54	7.390	899	900	903	rBV	125	134	0.03%	0.003%
55	7.463	909	912	913	rBV	197	184	0.04%	0.004%
56	7.482	913	915	916	rBV	240	125	0.03%	0.003%
57	7.518	919	921	924	rVB	102	101	0.02%	0.002%
58	7.585	930	932	933	rBV	199	137	0.03%	0.003%
59	7.652	933	943	957	rBV	72607	177548	36.39%	4.319%
60	7.762	957	961	962	rVB2	178	196	0.04%	0.005%
61	7.793	965	966	969	rBV2	130	96	0.02%	0.002%
62	7.835	969	973	974	rBV2	143	150	0.03%	0.004%
63	7.860	974	977	978	rBV	314	290	0.06%	0.007%
64	7.878	978	980	983	rBV	98	97	0.02%	0.002%
65	7.902	983	984	987	rVB2	201	199	0.04%	0.005%
66	7.945	989	991	992	rBV2	318	238	0.05%	0.006%
67	8.055	1000	1009	1011	rBV5	494	977	0.20%	0.024%
68	8.079	1011	1013	1015	rBV2	312	230	0.05%	0.006%
69	8.116	1015	1019	1021	rVB3	238	198	0.04%	0.005%
70	8.146	1023	1024	1027	rBV2	351	270	0.06%	0.007%
71	8.195	1029	1032	1035	rBV5	487	544	0.11%	0.013%
72	8.274	1035	1045	1060	rBV3	134395	412021	84.44%	10.022%
73	8.372	1060	1061	1062	rVV	906	523	0.11%	0.013%
74	8.402	1065	1066	1070	rVB4	692	607	0.12%	0.015%
75	8.549	1088	1090	1092	rBV3	317	285	0.06%	0.007%
76	8.573	1092	1094	1095	rVB2	266	136	0.03%	0.003%

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 Title : SFAM01.0

77	8.616	1100	1101	1104	rBV2	383	294	0.06%	0.007%
78	8.646	1104	1106	1108	rVB3	442	376	0.08%	0.009%
79	8.671	1108	1110	1112	rBV3	439	454	0.09%	0.011%
80	8.689	1112	1113	1116	rVB3	487	265	0.05%	0.006%
81	8.738	1119	1121	1125	rVB4	626	793	0.16%	0.019%
82	8.780	1125	1128	1129	rBV3	563	530	0.11%	0.013%
83	8.841	1129	1138	1150	rBV	135608	275964	56.55%	6.712%
84	9.085	1172	1178	1179	rBV5	1206	2079	0.43%	0.051%
85	9.274	1201	1209	1218	rBV	93923	188131	38.55%	4.576%
86	10.036	1328	1334	1341	rBV	52185	93310	19.12%	2.270%
87	10.323	1374	1381	1388	rBV	222155	388988	79.72%	9.461%
88	10.579	1418	1423	1430	rVB	32535	53049	10.87%	1.290%
89	10.926	1474	1480	1485	rBV	38310	69358	14.21%	1.687%
90	11.627	1590	1595	1604	rVB	210432	372374	76.31%	9.057%
91	12.688	1765	1769	1778	rVB	97705	201908	41.38%	4.911%
92	13.328	1865	1874	1885	rVB3	53500	215846	44.23%	5.250%
93	13.554	1906	1911	1925	rVB	266868	487964	100.00%	11.869%
94	13.755	1938	1944	1954	rVB4	51623	170258	34.89%	4.141%
95	13.853	1954	1960	1966	rBV	210402	361198	74.02%	8.786%
96	15.358	2202	2207	2214	rVB	108947	193765	39.71%	4.713%
97	16.279	2353	2358	2365	rBV	18801	32328	6.63%	0.786%
98	16.437	2378	2384	2391	rVB	17954	39480	8.09%	0.960%
99	16.529	2396	2399	2404	rVB3	4646	7278	1.49%	0.177%
100	16.633	2413	2416	2429	rVB3	13507	40354	8.27%	0.982%

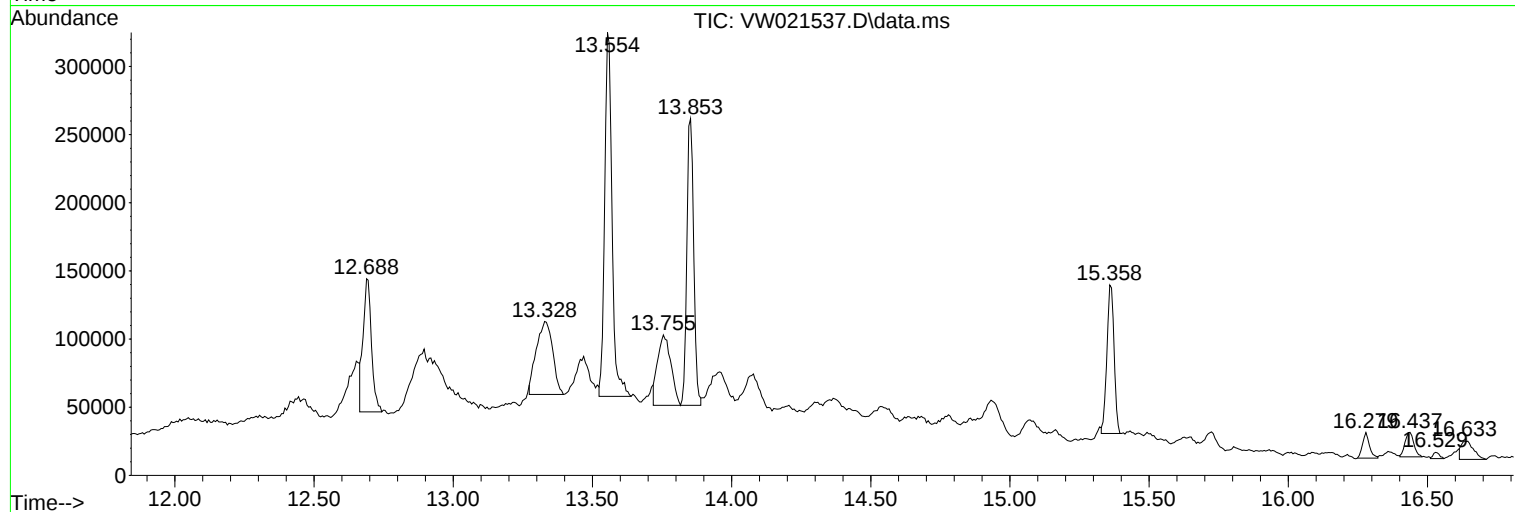
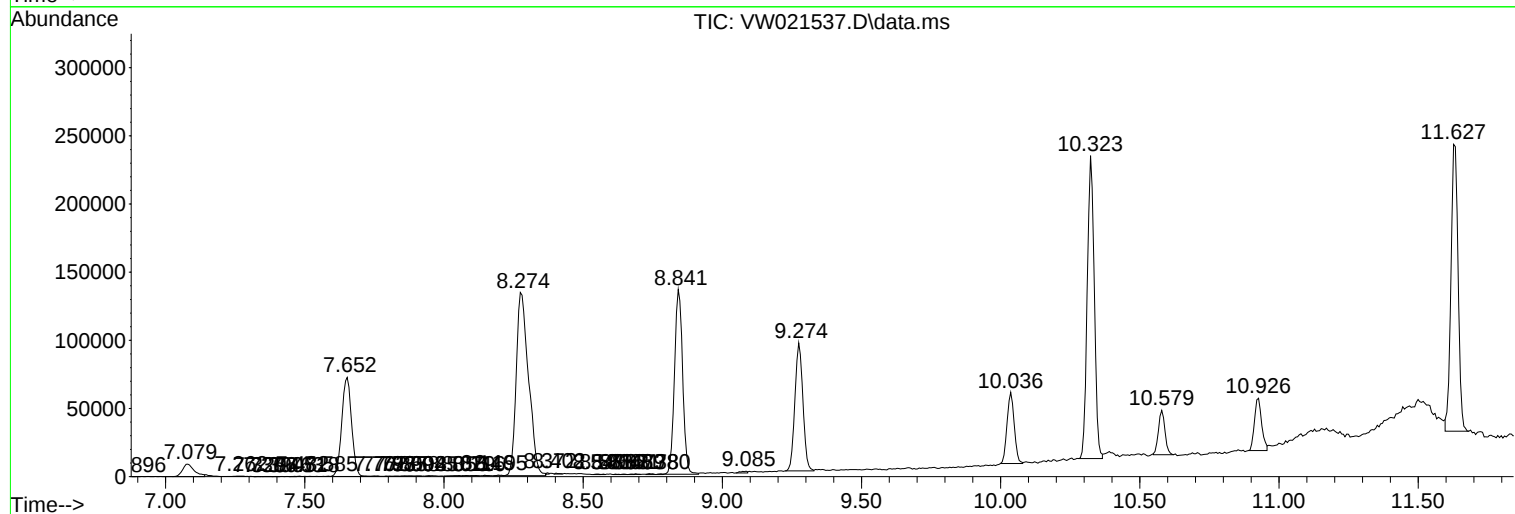
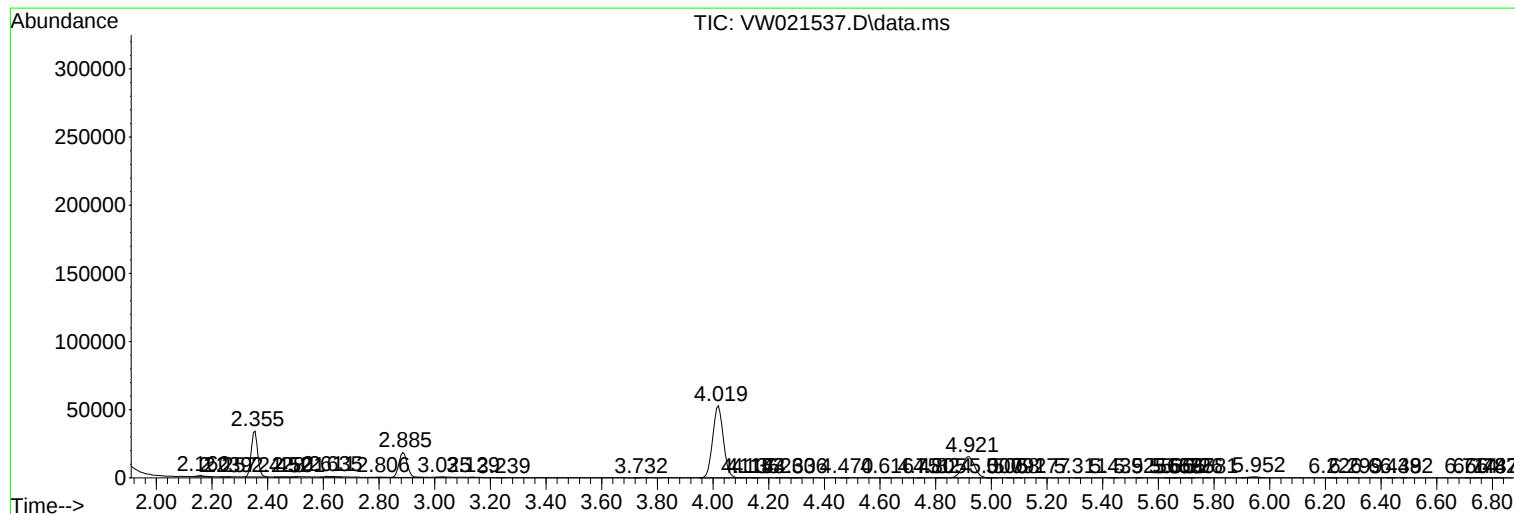
Sum of corrected areas: 4111279

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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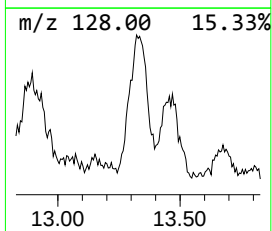
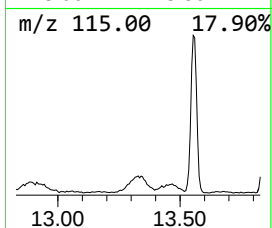
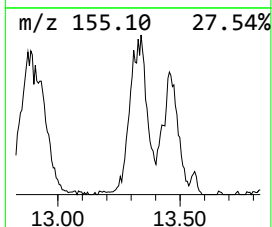
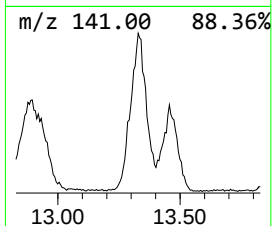
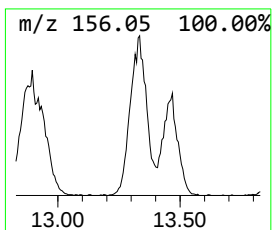
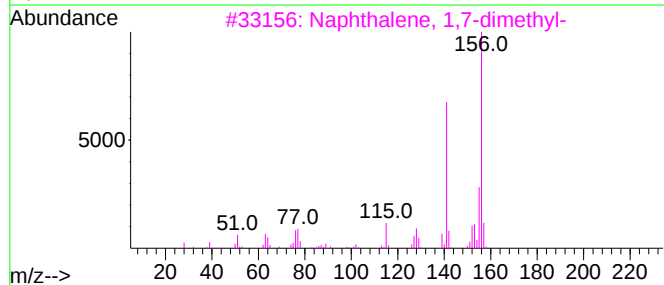
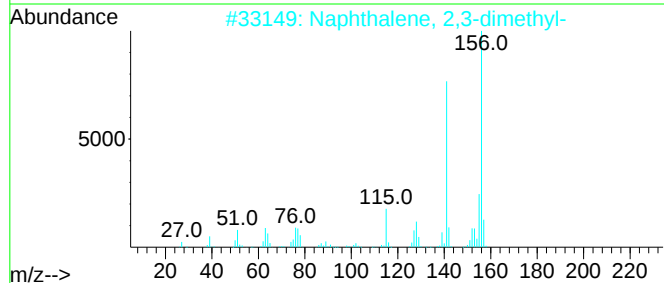
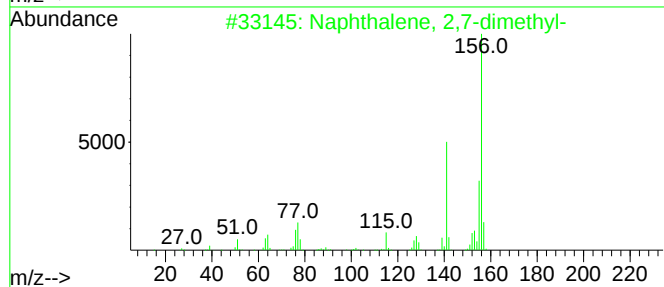
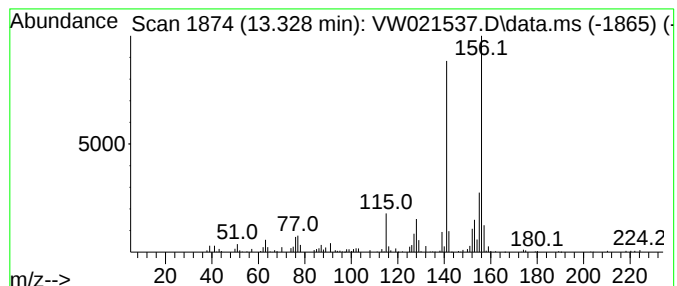
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.328	11.06 ug/L	215846	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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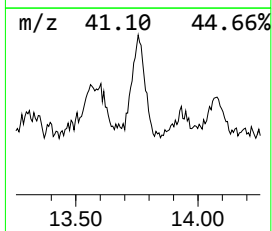
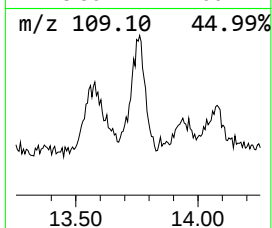
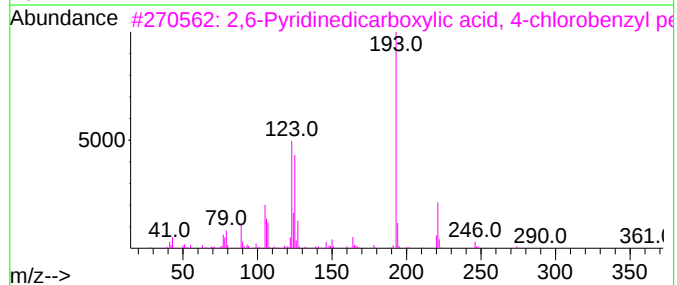
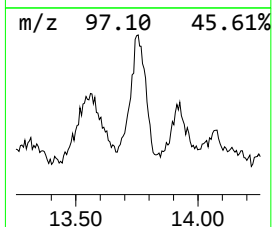
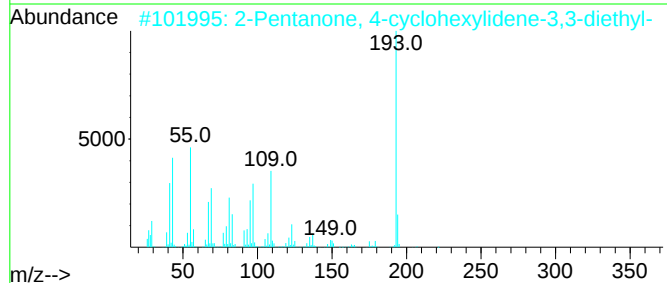
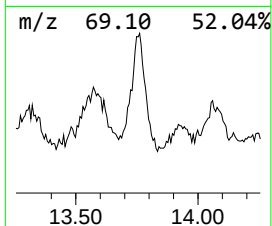
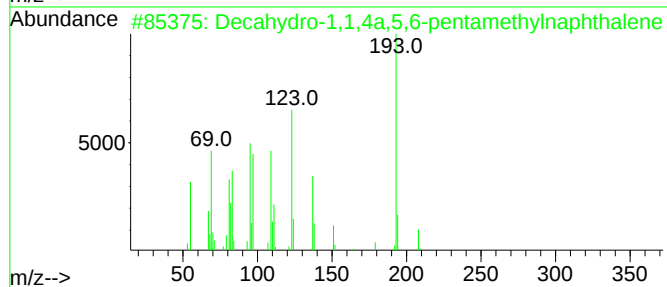
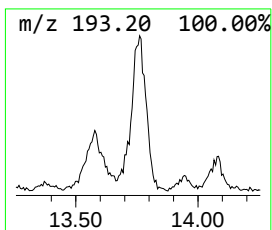
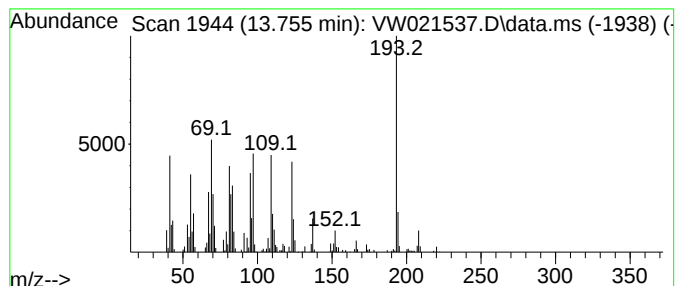
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	8.72 ug/L	170258	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	80
2			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	58
3			2,6-Pyridinedicarboxylic acid, 4...	361	C19H20ClNO4	1000369-13-9	32
4			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	25
5			Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	22



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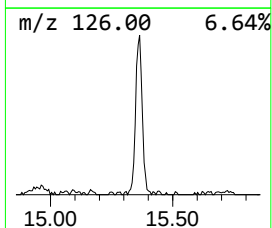
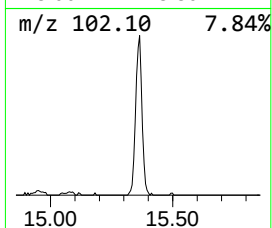
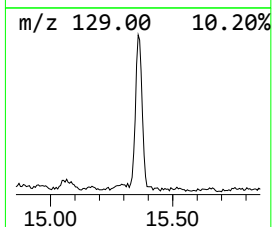
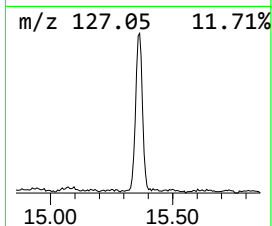
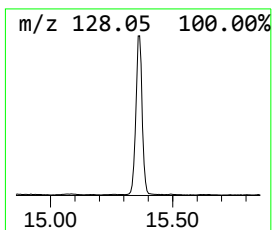
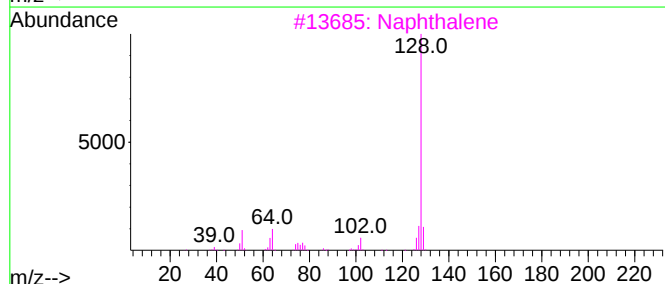
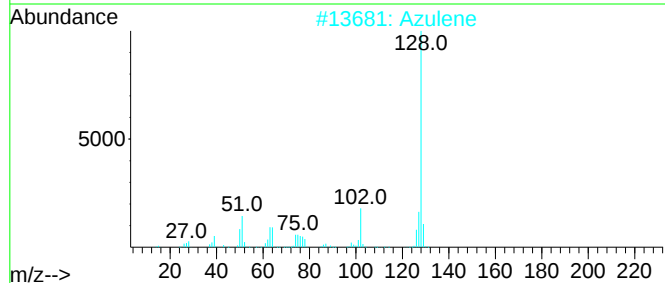
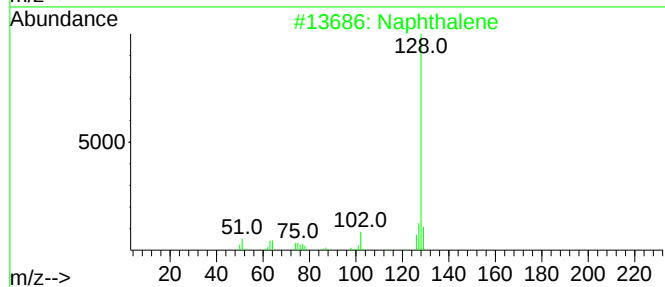
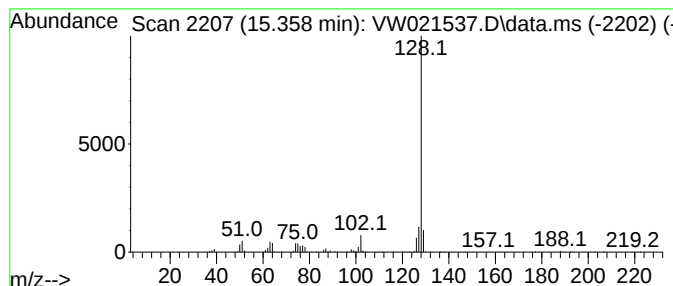
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	9.93 ug/L	193765	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			Naphthalene	128	C10H8	000091-20-3	90
4			Naphthalene	128	C10H8	000091-20-3	90
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021537.D
Acq On : 21 Dec 2021 21:05
Operator : SY/VA
Sample : M5194-03
Misc : 5.30g/10.0mL/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB5

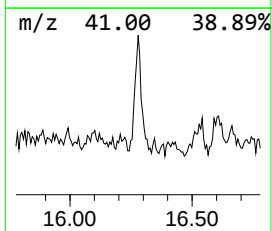
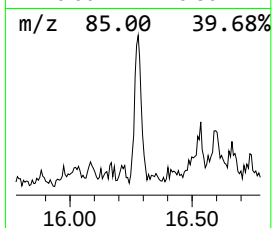
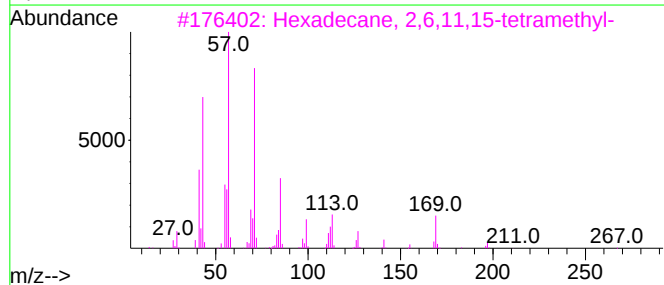
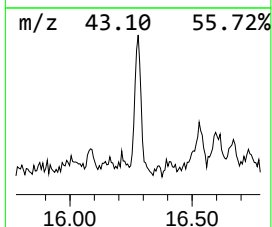
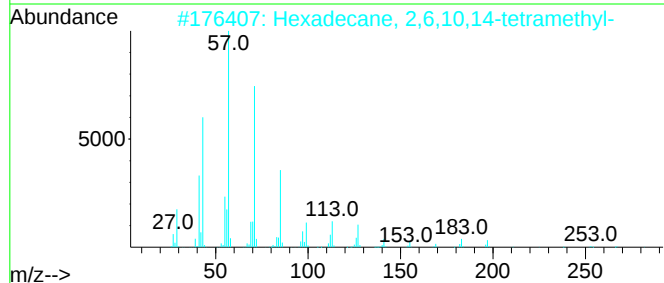
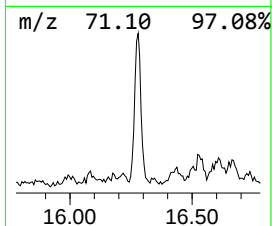
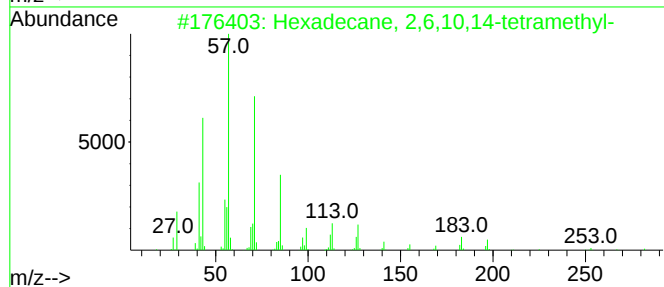
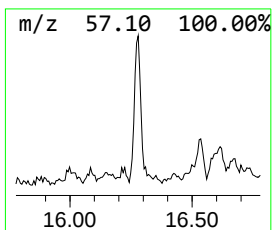
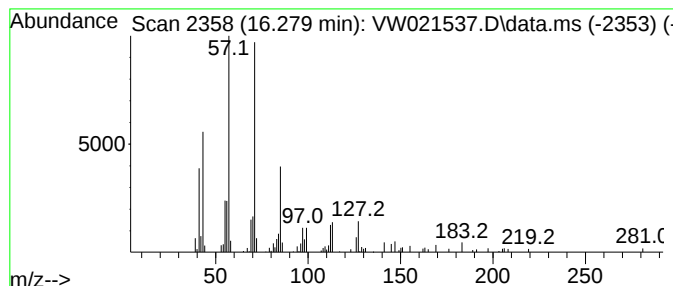
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	1.66 ug/L	32328	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	91
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
5			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021537.D
Acq On : 21 Dec 2021 21:05
Operator : SY/VA
Sample : M5194-03
Misc : 5.30g/10.0mL/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB5

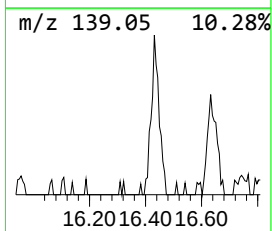
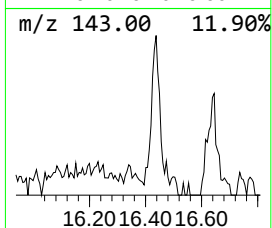
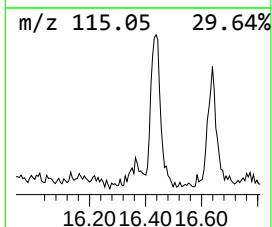
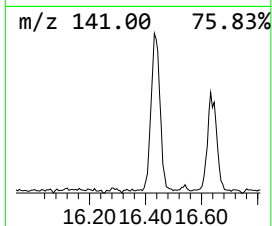
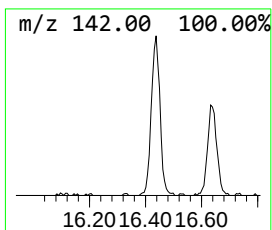
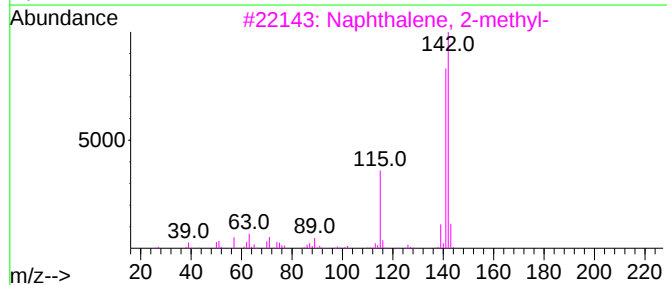
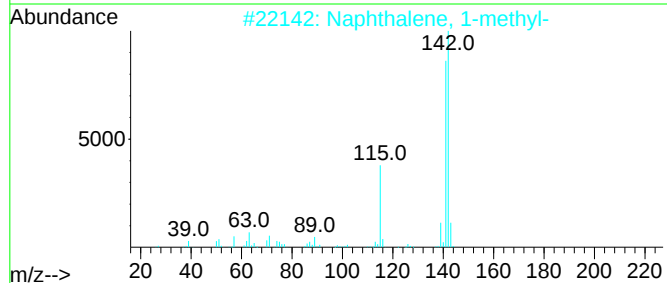
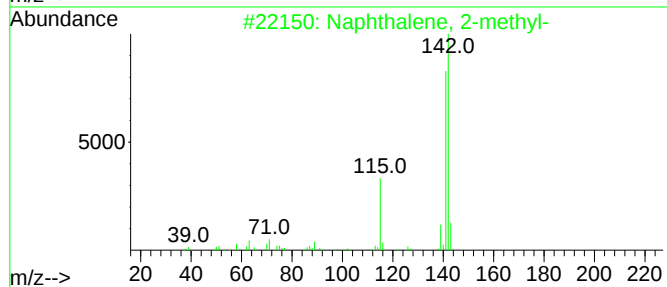
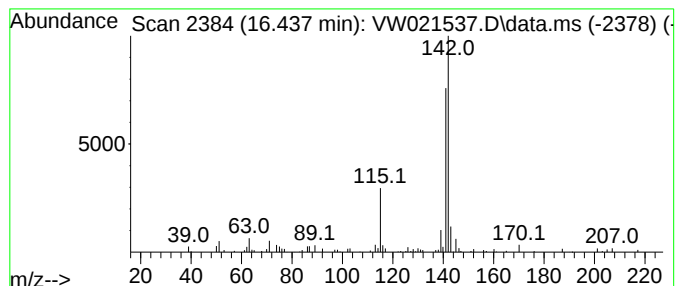
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	2.02 ug/L	39480	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021537.D
Acq On : 21 Dec 2021 21:05
Operator : SY/VA
Sample : M5194-03
Misc : 5.30g/10.0mL/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB5

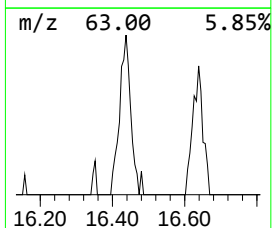
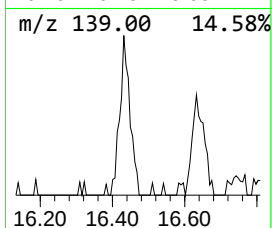
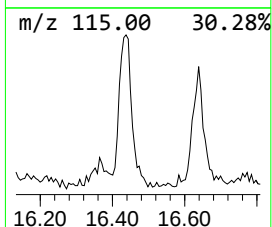
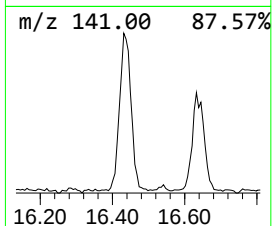
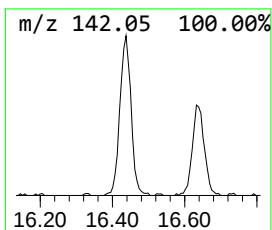
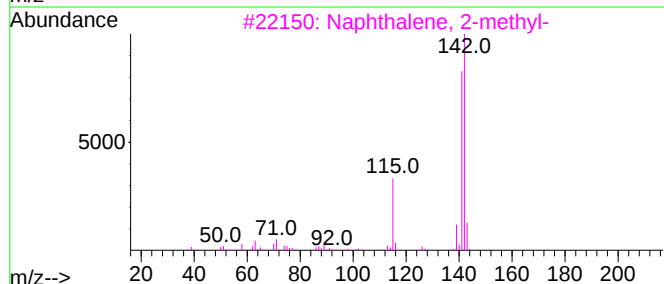
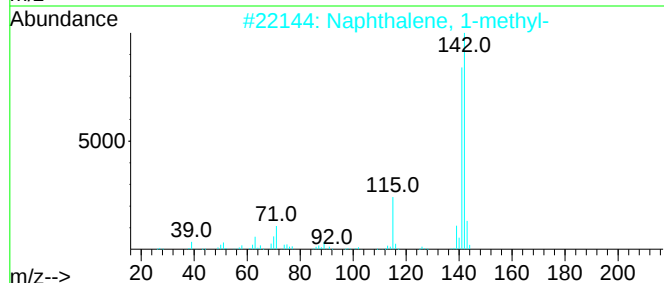
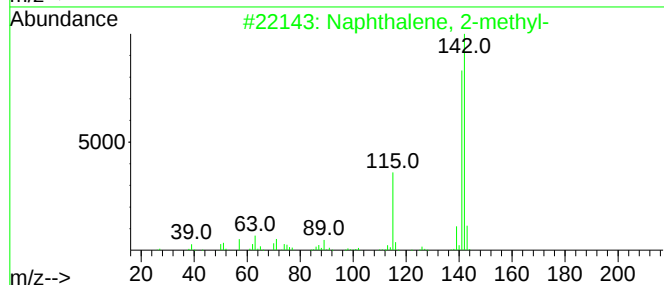
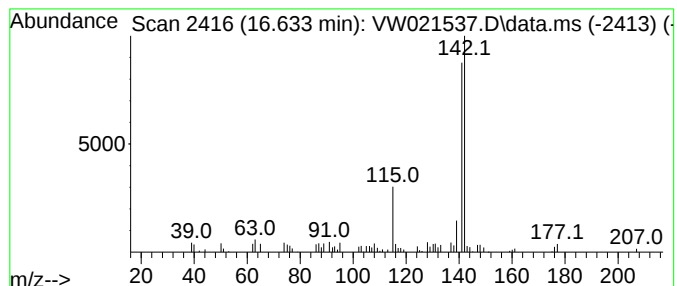
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Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	2.07 ug/L	40354	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	80
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80
4			Benzocycloheptatriene	142	C11H10	000264-09-5	80
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021537.D
Acq On : 21 Dec 2021 21:05
Operator : SY/VA
Sample : M5194-03
Misc : 5.30g/10.0mL/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	13.328	11.1	ug/L	215846	3	13.554	487964	25.0
Decahydro-1,1,4...	13.755	8.7	ug/L	170258	3	13.554	487964	25.0
Azulene	15.358	9.9	ug/L	193765	3	13.554	487964	25.0
(DEL) Alkane: S...	16.279	1.7	ug/L	32328	3	13.554	487964	25.0
Naphthalene, 2-...	16.438	2.0	ug/L	39480	3	13.554	487964	25.0
Naphthalene, 1-...	16.633	2.1	ug/L	40354	3	13.554	487964	25.0