

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020439.D
 Acq On : 11 Oct 2021 12:59
 Operator : SY/VA
 Sample : VIBLK469
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK469

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\SFAMWLM100821SMA.M
 Title : SFAM01.0

Signal : TIC: VW020439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.209	48	50	51	rBV2	936	934	0.03%	0.007%
2	2.349	67	73	82	rVB	72855	116511	4.07%	0.868%
3	2.879	153	160	170	rVB	33798	69243	2.42%	0.516%
4	3.074	190	192	193	rBV2	597	434	0.02%	0.003%
5	3.093	193	195	197	rVV3	407	420	0.01%	0.003%
6	3.257	221	222	226	rVB	178	170	0.01%	0.001%
7	3.343	235	236	239	rBV	175	132	0.00%	0.001%
8	3.404	242	246	248	rBV2	115	145	0.01%	0.001%
9	3.440	250	252	255	rVB2	168	206	0.01%	0.002%
10	3.507	260	263	264	rVB2	137	121	0.00%	0.001%
11	3.526	264	266	267	rBV2	142	93	0.00%	0.001%
12	3.562	267	272	273	rBV2	166	264	0.01%	0.002%
13	3.647	283	286	287	rBV2	108	92	0.00%	0.001%
14	3.715	293	297	299	rBV	169	274	0.01%	0.002%
15	3.830	311	316	319	rVB2	126	252	0.01%	0.002%
16	4.019	334	347	360	rBV	104769	304816	10.66%	2.270%
17	4.160	369	370	373	rVB2	274	191	0.01%	0.001%
18	4.184	373	374	378	rVB2	205	198	0.01%	0.001%
19	4.251	378	385	386	rBV3	337	534	0.02%	0.004%
20	4.269	386	388	390	rVB3	175	163	0.01%	0.001%
21	4.288	390	391	395	rVB	254	187	0.01%	0.001%
22	4.324	395	397	400	rBV2	120	136	0.00%	0.001%
23	4.379	402	406	408	rVB	201	199	0.01%	0.001%
24	4.422	408	413	415	rBV2	63	110	0.00%	0.001%
25	4.483	420	423	424	rVB	127	115	0.00%	0.001%
26	4.598	440	442	446	rBV	89	145	0.01%	0.001%
27	4.757	466	468	470	rBV2	118	115	0.00%	0.001%
28	4.922	484	495	509	rBV	6437	20457	0.72%	0.152%
29	5.019	509	511	514	rVB	181	172	0.01%	0.001%
30	5.178	534	537	541	rVB	145	198	0.01%	0.001%
31	5.415	574	576	578	rVB2	108	92	0.00%	0.001%
32	5.470	581	585	588	rVB2	121	160	0.01%	0.001%
33	5.586	600	604	608	rBV2	123	206	0.01%	0.002%
34	5.629	608	611	615	rBV2	98	135	0.00%	0.001%
35	5.812	638	641	642	rVB2	103	97	0.00%	0.001%
36	5.940	653	662	670	rVB4	1438	4275	0.15%	0.032%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
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37	6.159	696	698	702	rBV2	117	149	0.01%	0.001%
38	6.312	721	723	728	rVB2	166	143	0.01%	0.001%
39	6.360	730	731	734	rVB2	119	117	0.00%	0.001%
40	6.415	738	740	742	rBV	214	143	0.01%	0.001%
41	6.549	758	762	765	rBV	126	169	0.01%	0.001%
42	6.598	768	770	774	rBV2	142	164	0.01%	0.001%
43	6.732	789	792	793	rBV	83	97	0.00%	0.001%
44	6.781	796	800	801	rBV2	132	121	0.00%	0.001%
45	6.830	807	808	812	rBV2	205	182	0.01%	0.001%
46	6.866	812	814	815	rBV	168	119	0.00%	0.001%
47	6.933	821	825	826	rBV2	111	149	0.01%	0.001%
48	6.952	826	828	830	rBV	142	143	0.01%	0.001%
49	7.000	833	836	839	rVB3	150	200	0.01%	0.001%
50	7.025	839	840	841	rBV	210	135	0.00%	0.001%
51	7.086	841	850	862	rBV	26422	72773	2.54%	0.542%
52	7.202	867	869	872	rVB2	388	311	0.01%	0.002%
53	7.238	873	875	876	rVB	267	123	0.00%	0.001%
54	7.281	879	882	883	rBV3	151	133	0.00%	0.001%
55	7.311	886	887	889	rBV2	289	169	0.01%	0.001%
56	7.366	893	896	899	rBV	398	450	0.02%	0.003%
57	7.403	899	902	903	rBV2	262	186	0.01%	0.001%
58	7.427	903	906	909	rVB3	289	372	0.01%	0.003%
59	7.464	909	912	914	rBV4	279	387	0.01%	0.003%
60	7.482	914	915	916	rVB	325	119	0.00%	0.001%
61	7.494	916	917	919	rBV2	431	376	0.01%	0.003%
62	7.537	920	924	926	rBV3	461	529	0.02%	0.004%
63	7.567	927	929	930	rVB2	395	201	0.01%	0.001%
64	7.653	932	943	956	rBV	166534	407055	14.23%	3.032%
65	7.805	965	968	970	rVB4	347	312	0.01%	0.002%
66	7.830	970	972	973	rVB2	391	207	0.01%	0.002%
67	7.848	973	975	977	rBV3	494	593	0.02%	0.004%
68	7.915	985	986	989	rBV3	445	440	0.02%	0.003%
69	7.952	989	992	994	rVV4	692	716	0.03%	0.005%
70	8.013	1000	1002	1004	rBV3	598	547	0.02%	0.004%
71	8.037	1004	1006	1007	rBV2	460	295	0.01%	0.002%
72	8.281	1036	1046	1061	rBV2	338244	1007940	35.24%	7.507%
73	8.848	1130	1139	1149	rBV	319009	644315	22.53%	4.799%
74	9.274	1201	1209	1220	rBV	235961	482636	16.88%	3.595%
75	10.037	1328	1334	1340	rBV	138726	253971	8.88%	1.892%
76	10.323	1375	1381	1388	rBV	496258	874026	30.56%	6.510%

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77	10.579	1418	1423	1430	rVB	87521	151877	5.31%	1.131%
78	10.927	1474	1480	1485	rBV	117099	209986	7.34%	1.564%
79	11.634	1590	1596	1605	rVB	457583	788609	27.57%	5.873%
80	12.695	1765	1770	1776	rVB	174498	315661	11.04%	2.351%
81	12.877	1788	1800	1801	rBV2	262952	676596	23.66%	5.039%
82	13.335	1861	1875	1890	rBV	623393	2859924	100.00%	21.300%
83	13.554	1906	1911	1918	rVB	449704	718096	25.11%	5.348%
84	13.853	1954	1960	1971	rBV	459013	983574	34.39%	7.325%
85	13.969	1971	1979	1990	rVB	199608	665283	23.26%	4.955%
86	14.304	2027	2034	2045	rVB3	93605	287212	10.04%	2.139%
87	14.761	2104	2109	2118	rVB	36746	103232	3.61%	0.769%
88	14.926	2133	2136	2150	rVB4	43903	140322	4.91%	1.045%
89	15.078	2151	2161	2171	rBV2	105598	380443	13.30%	2.833%
90	15.261	2184	2191	2197	rVB3	24116	64879	2.27%	0.483%
91	15.322	2197	2201	2210	rVB5	18984	41447	1.45%	0.309%
92	15.432	2212	2219	2220	rVV2	19588	41899	1.47%	0.312%
93	15.493	2223	2229	2241	rVB2	80464	230158	8.05%	1.714%
94	15.627	2243	2251	2263	rVB3	53010	179844	6.29%	1.339%
95	15.725	2264	2267	2273	rVB4	12609	20654	0.72%	0.154%
96	15.816	2277	2282	2293	rVB6	10871	30708	1.07%	0.229%
97	15.950	2293	2304	2310	rBV3	25690	90902	3.18%	0.677%
98	16.279	2353	2358	2363	rBV	23015	40901	1.43%	0.305%
99	16.535	2397	2400	2404	rVB3	8359	12441	0.44%	0.093%
100	16.639	2408	2417	2428	rVB5	34759	118927	4.16%	0.886%

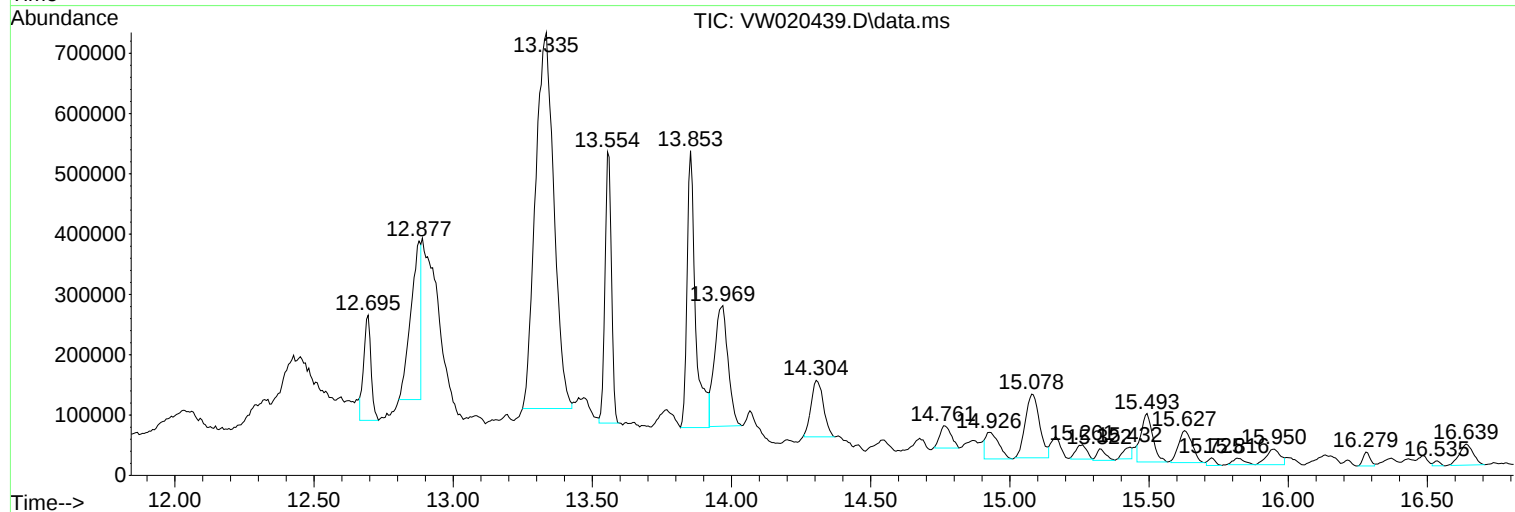
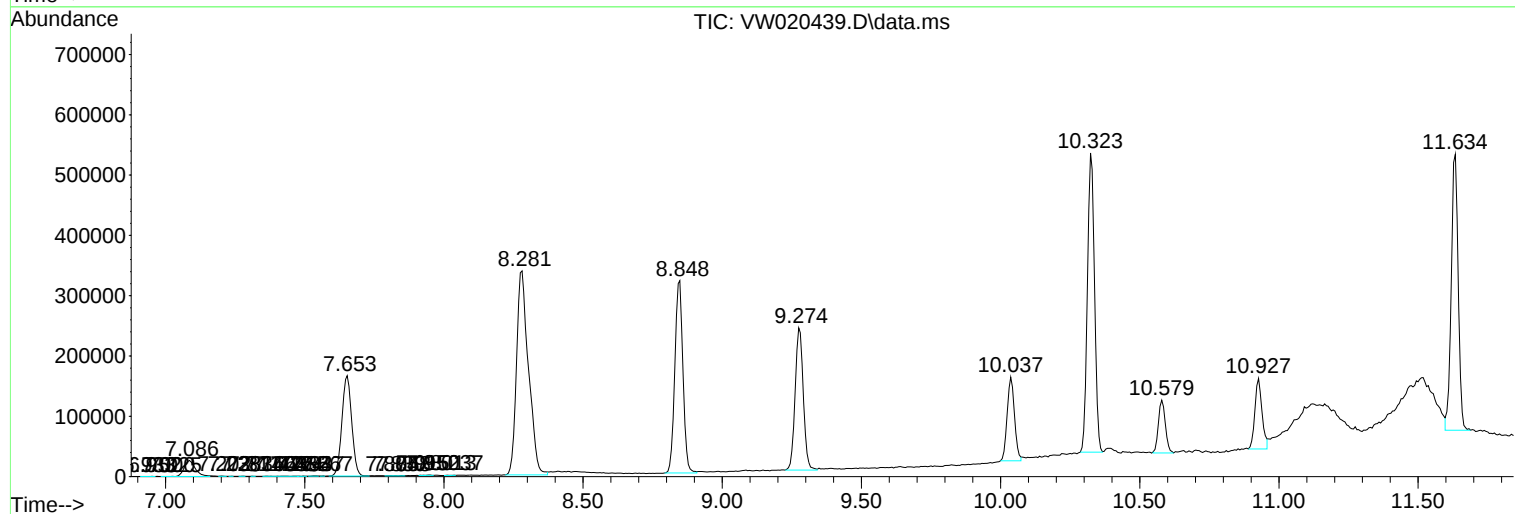
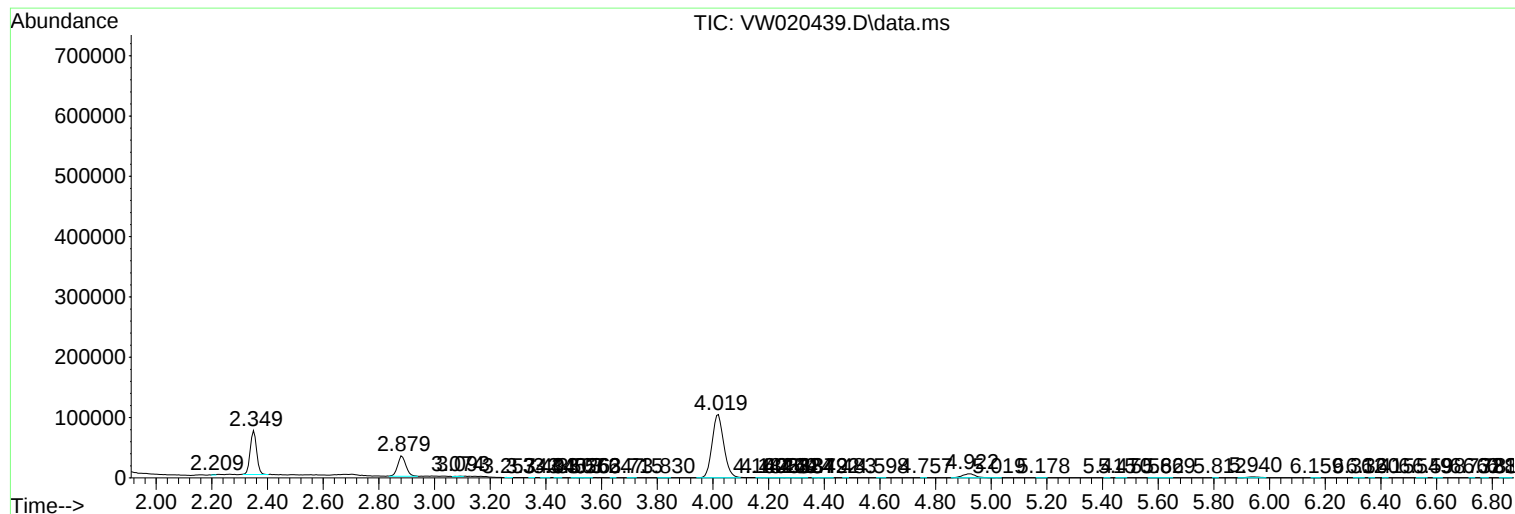
Sum of corrected areas: 13426780

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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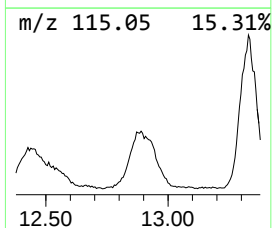
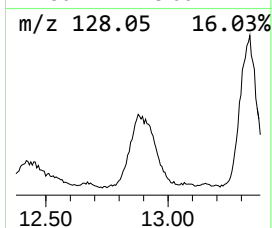
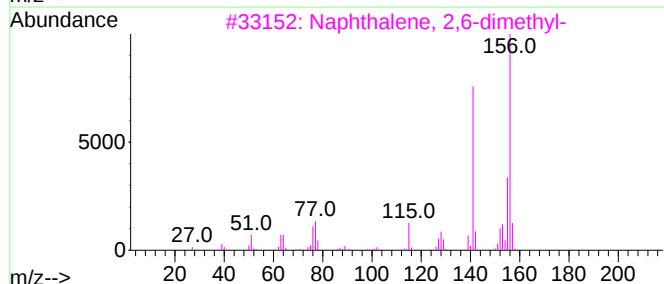
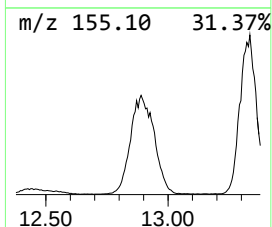
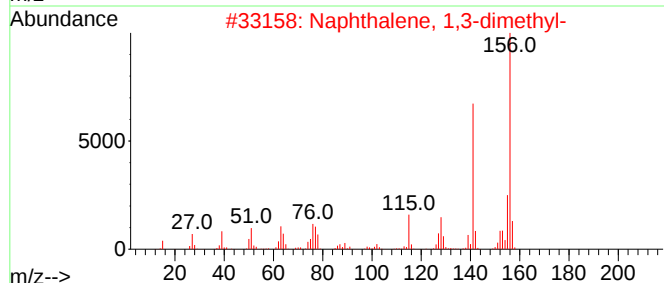
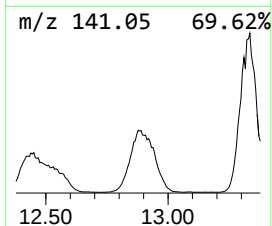
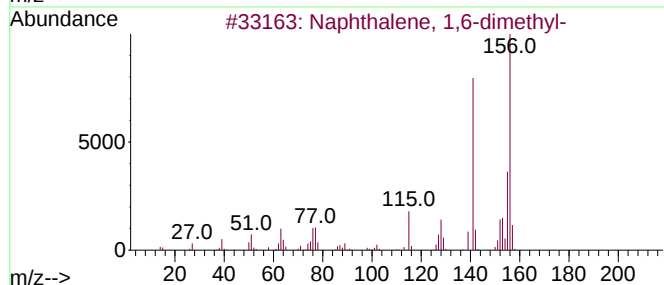
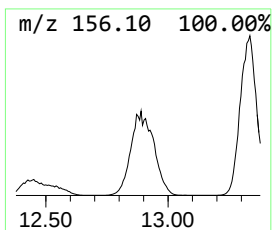
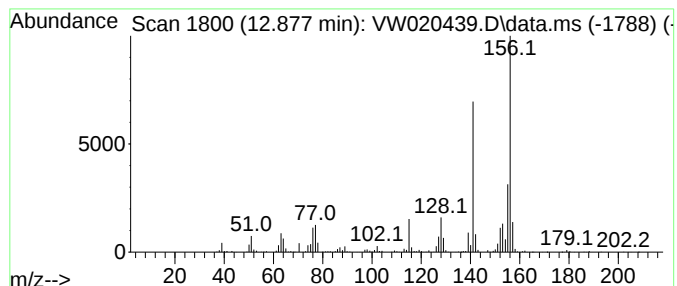
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.878	23.56 ug/L	676596	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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VIBLK469

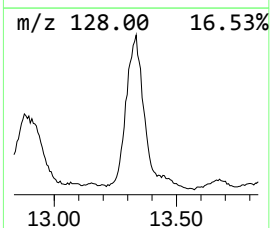
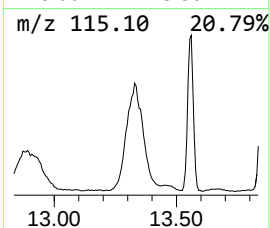
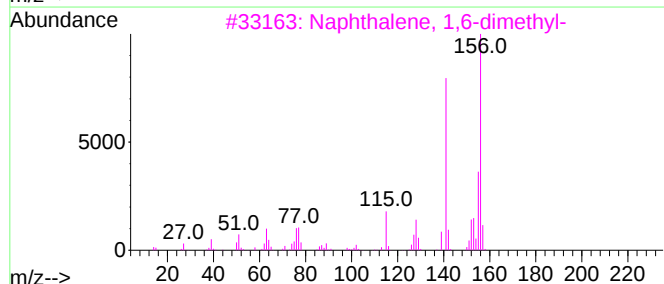
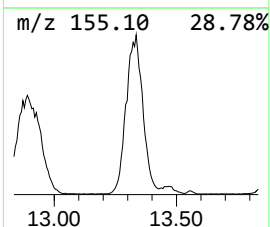
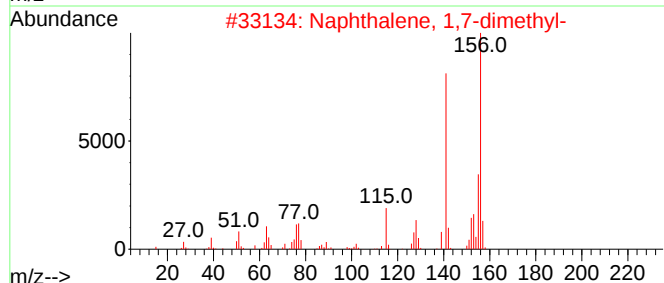
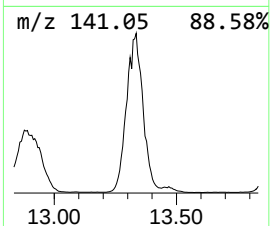
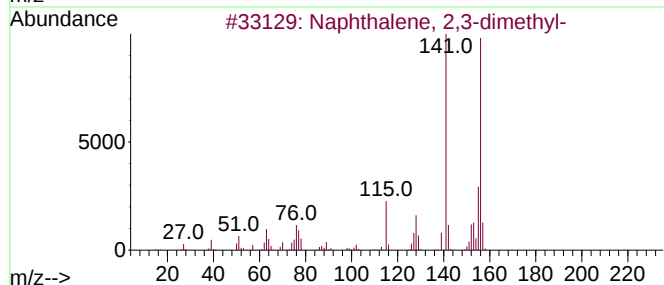
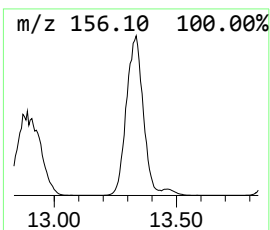
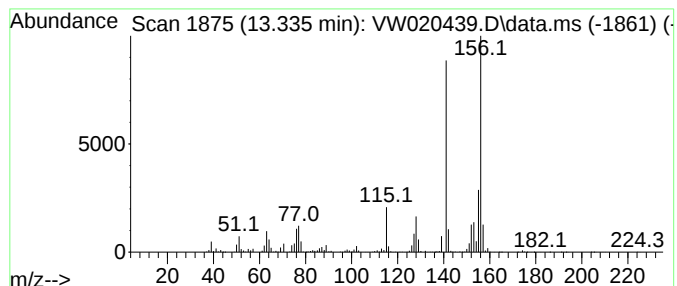
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	99.57 ug/L	2859920	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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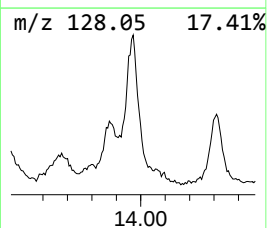
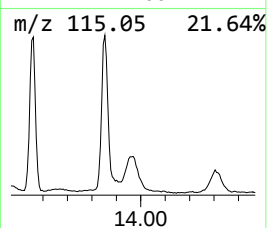
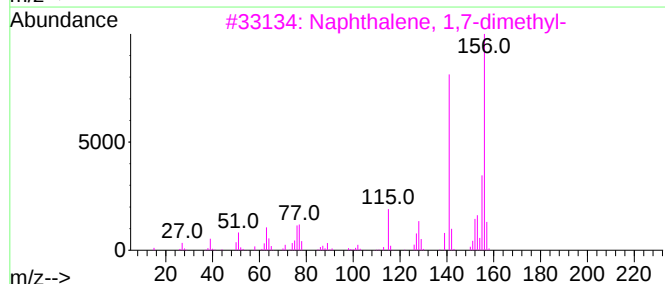
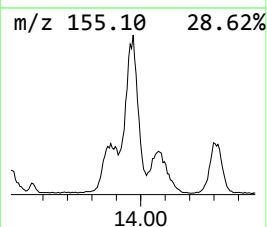
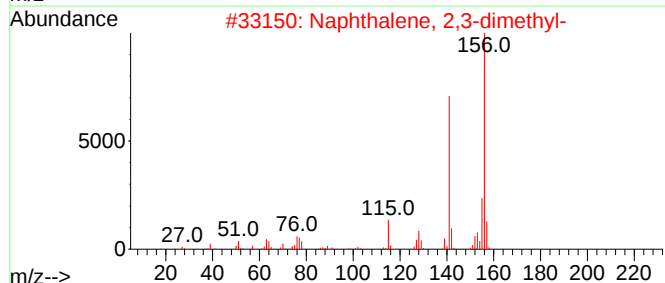
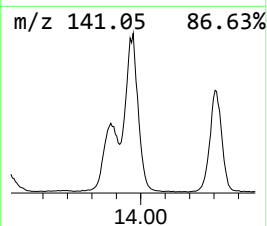
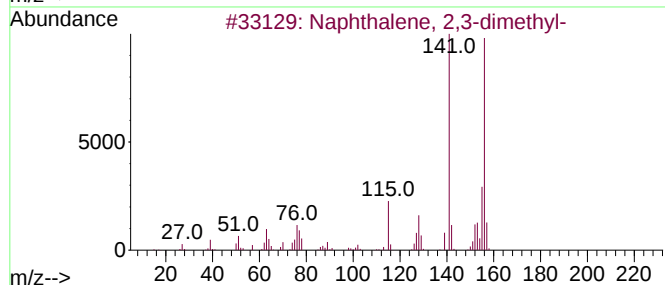
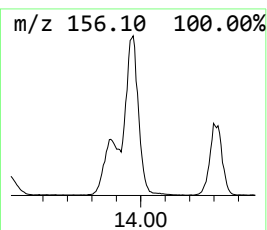
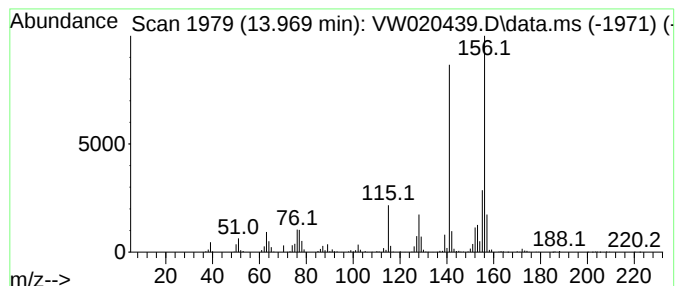
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Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	23.16 ug/L	665283	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

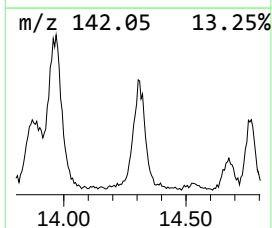
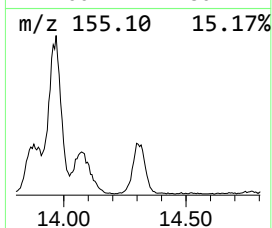
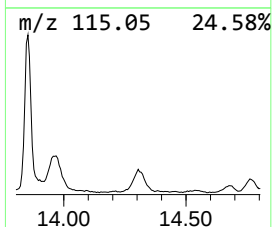
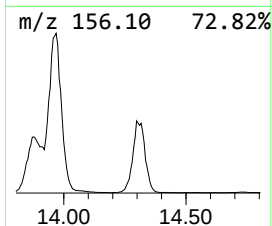
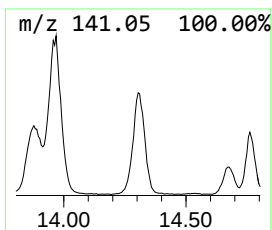
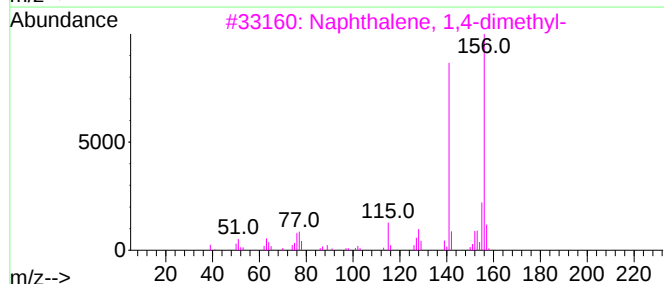
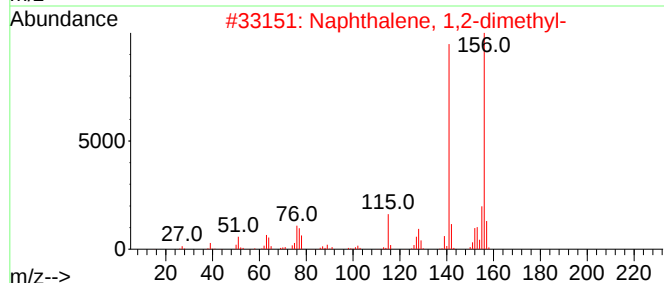
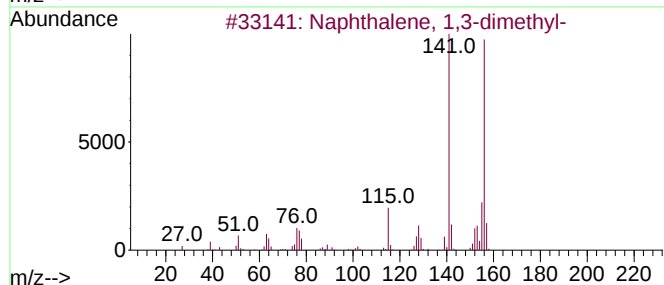
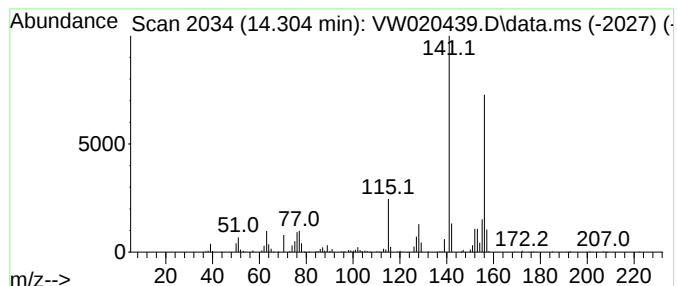
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	10.00 ug/L	287212	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

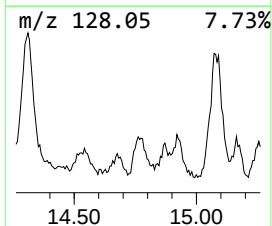
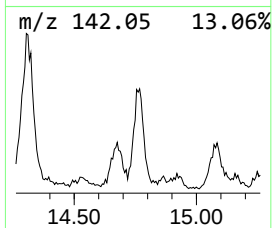
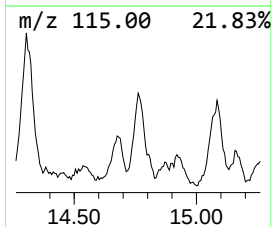
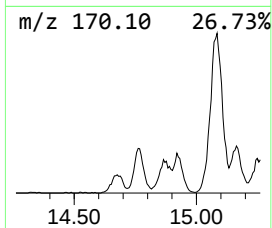
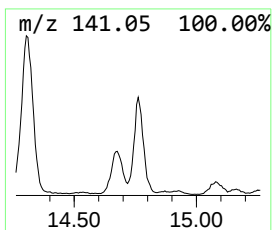
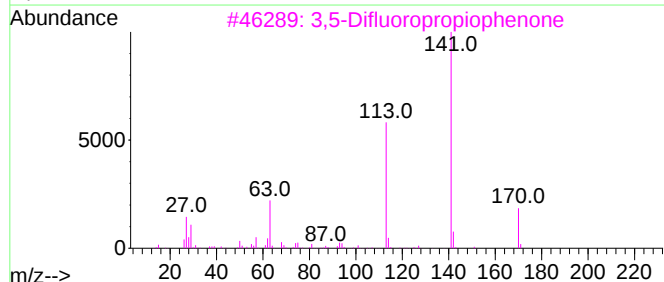
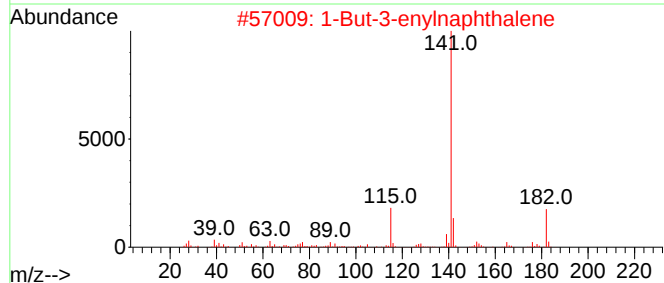
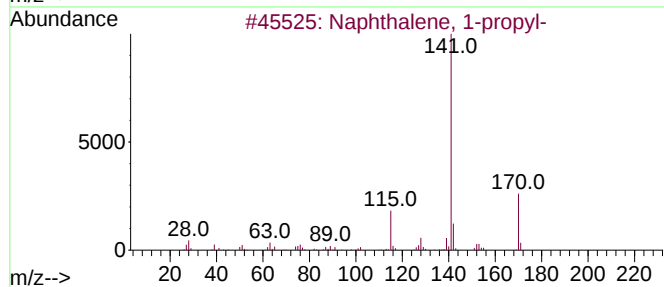
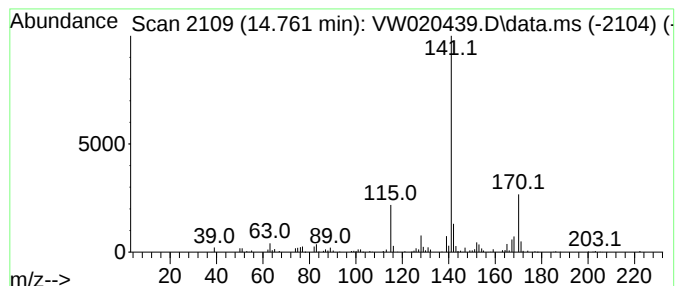
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 1-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.761	3.59 ug/L	103232	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	93
2			1-But-3-enynaphthalene	182	C14H14	002489-88-5	59
3			3,5-Difluoropropiophenone	170	C9H8F2O	135306-45-5	53
4			1-Naphthaleneethanol	172	C12H12O	000773-99-9	52
5			Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

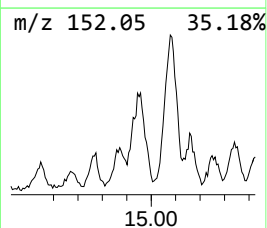
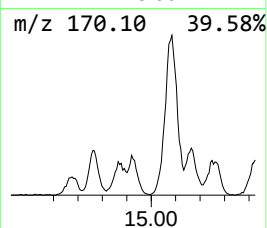
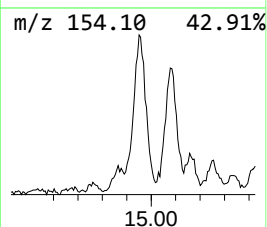
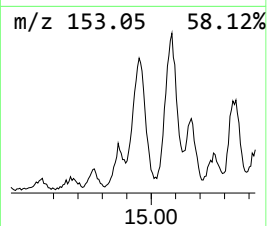
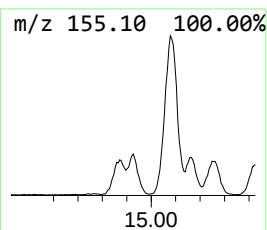
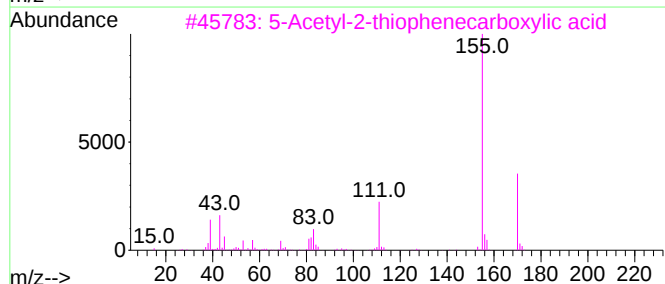
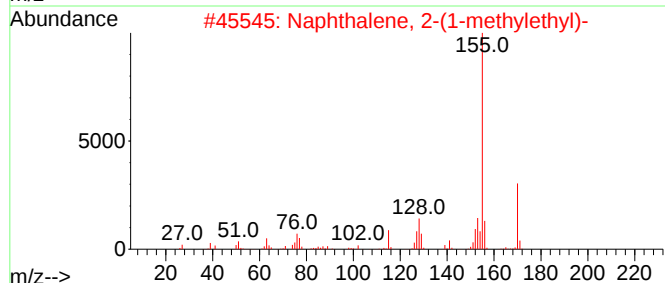
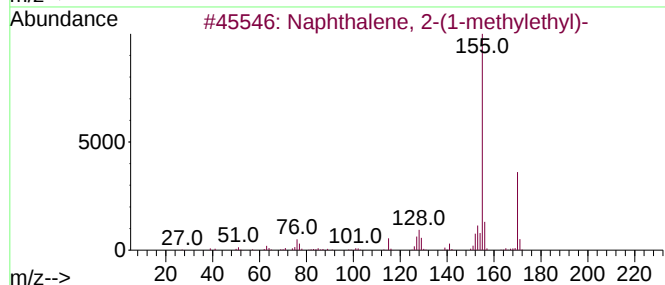
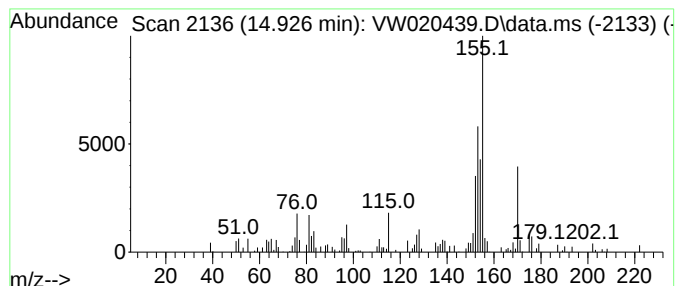
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.926	4.89 ug/L	140322	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	49
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	47
3			5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	43
4			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	38
5			Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

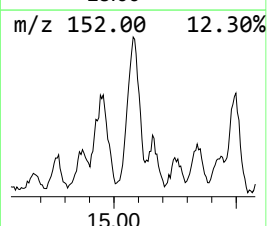
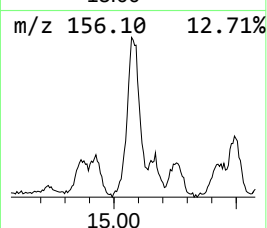
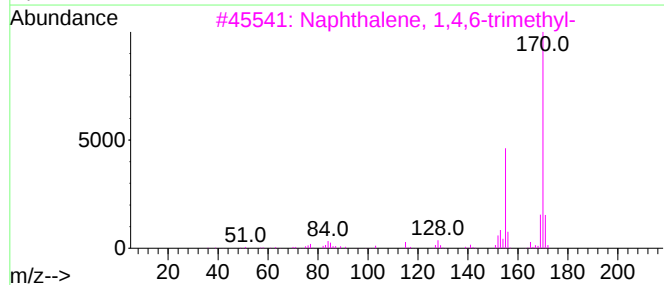
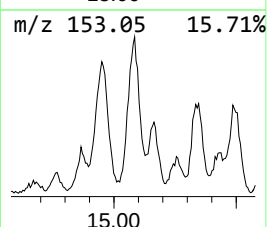
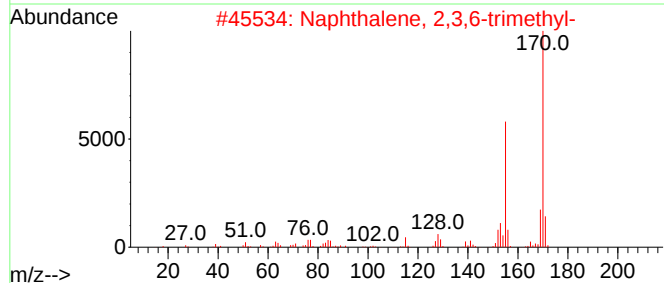
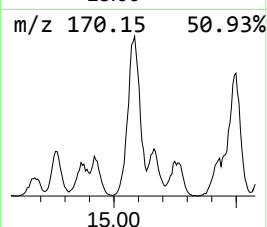
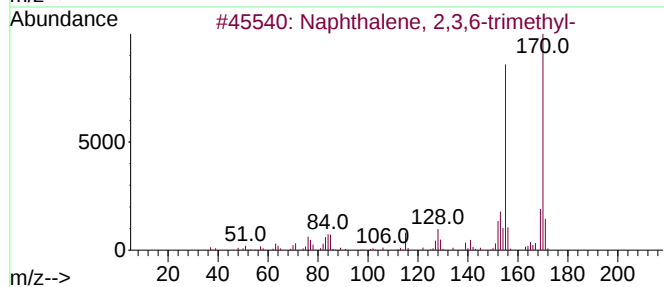
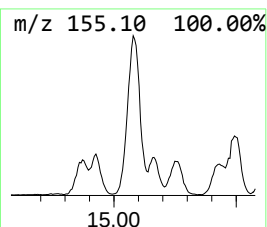
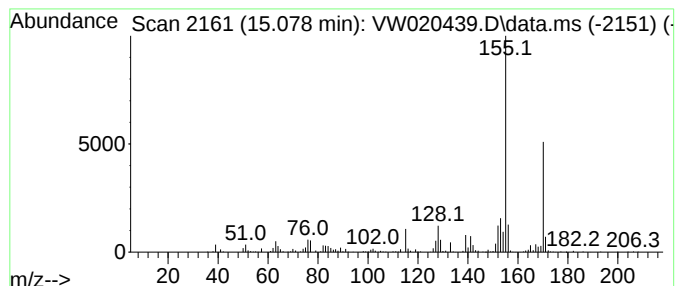
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Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.078	13.24 ug/L	380443	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

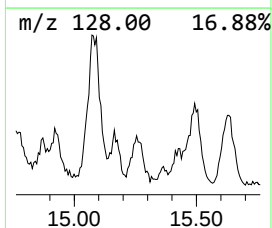
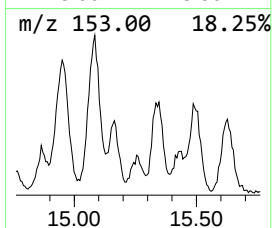
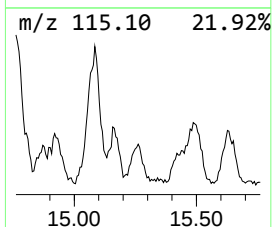
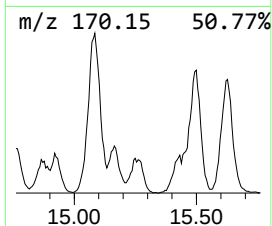
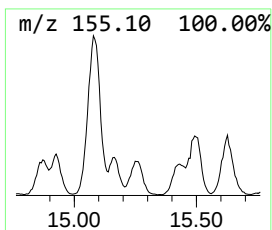
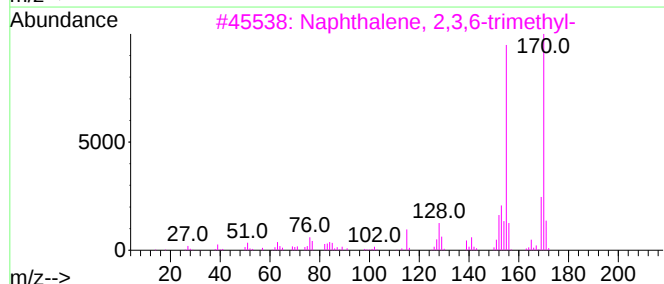
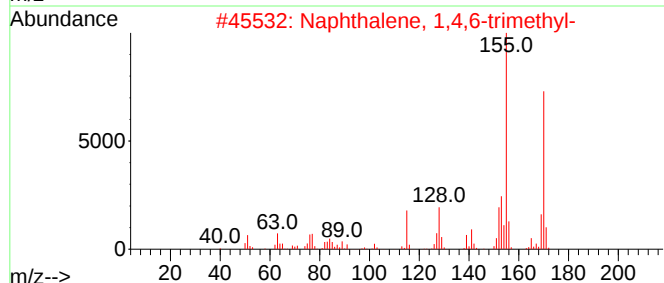
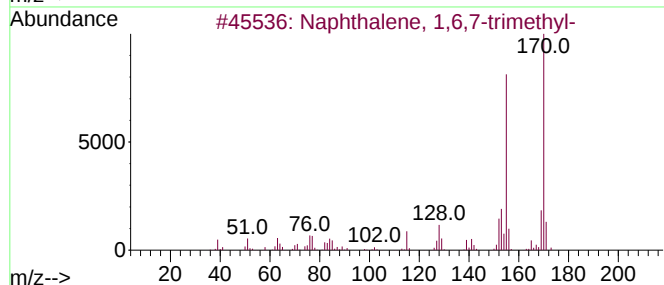
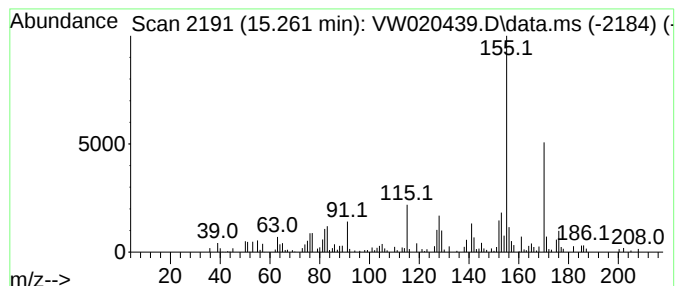
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.261	2.26 ug/L	64879	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

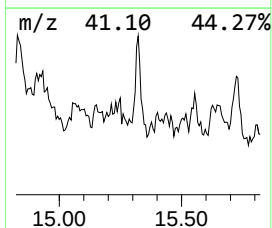
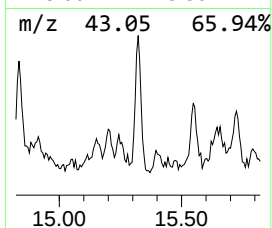
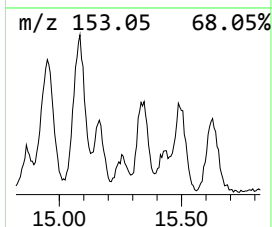
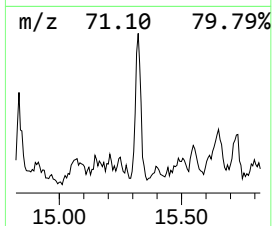
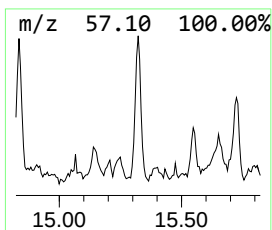
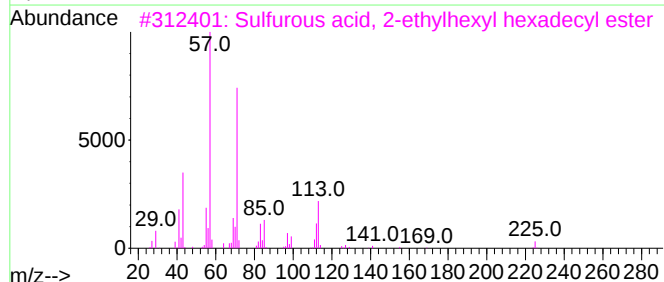
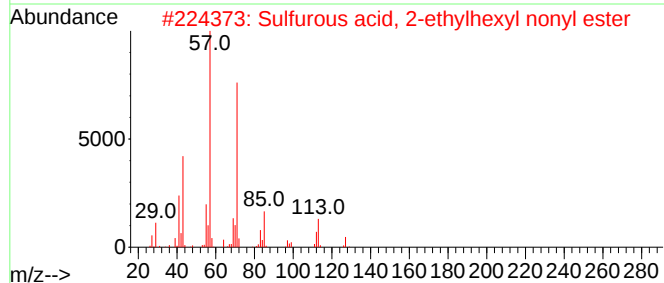
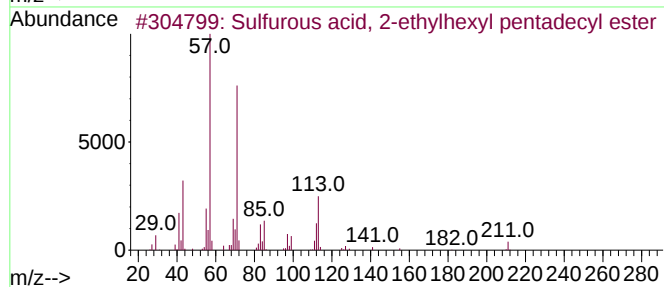
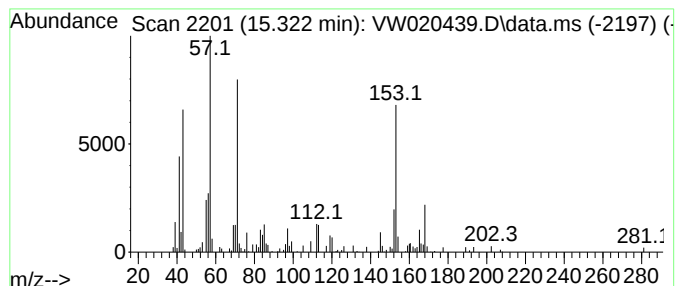
Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.322	1.44 ug/L	41447	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl pen...		404	C23H48O3S	1000309-19-8	43
2	Sulfurous acid, 2-ethylhexyl non...		320	C17H36O3S	1010309-19-2	43
3	Sulfurous acid, 2-ethylhexyl hex...		418	C24H50O3S	1000309-19-9	43
4	Oxalic acid, 2-ethylhexyl nonyl ...		328	C19H36O4	1000309-39-2	38
5	Sulfurous acid, 2-ethylhexyl tet...		390	C22H46O3S	1000309-19-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

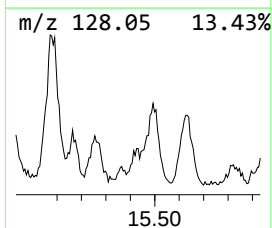
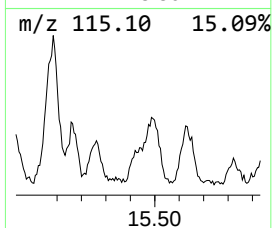
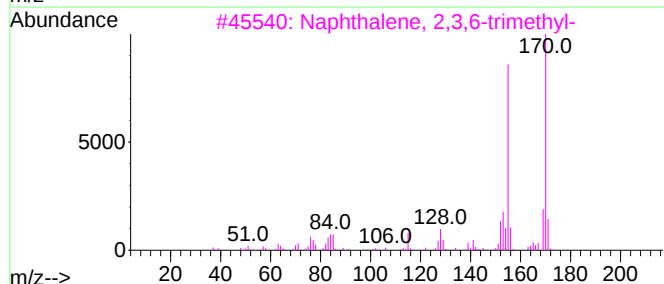
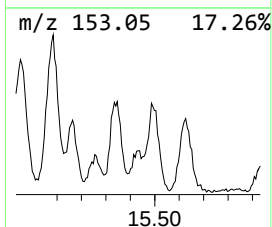
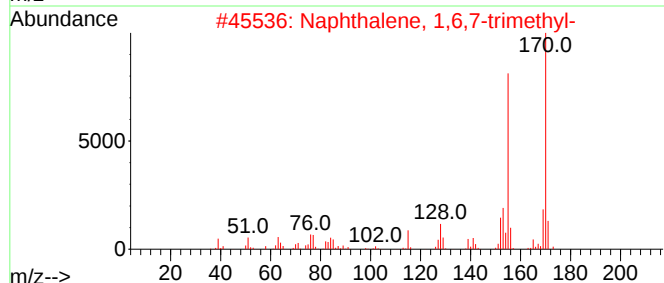
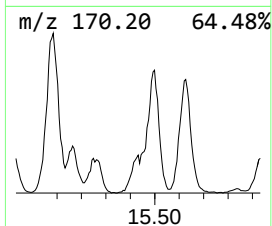
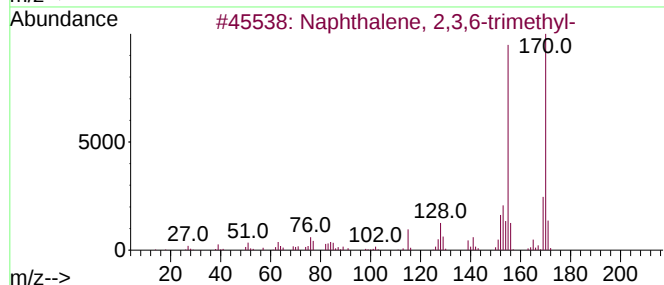
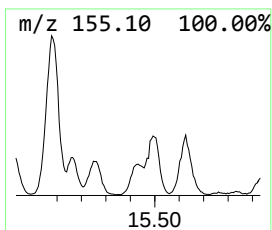
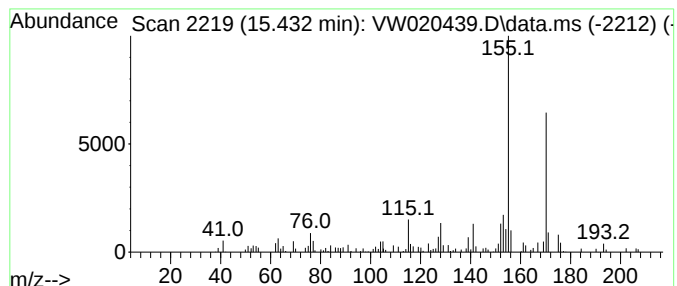
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Quant Title : SFAM01.0

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

Peak Number 11 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	1.46 ug/L	41899	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

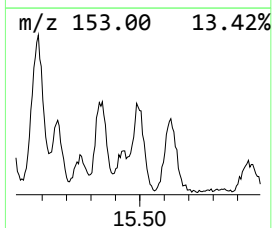
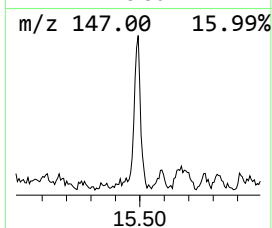
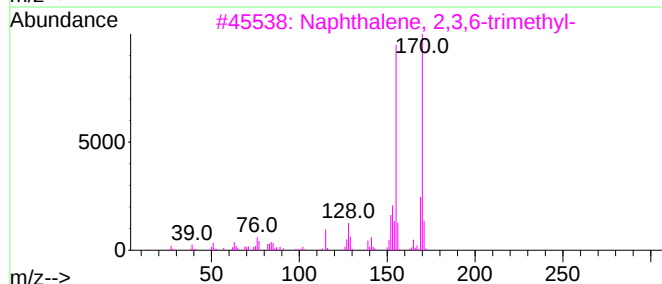
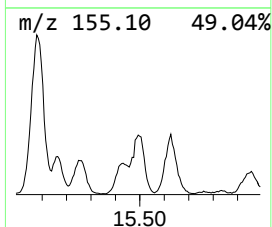
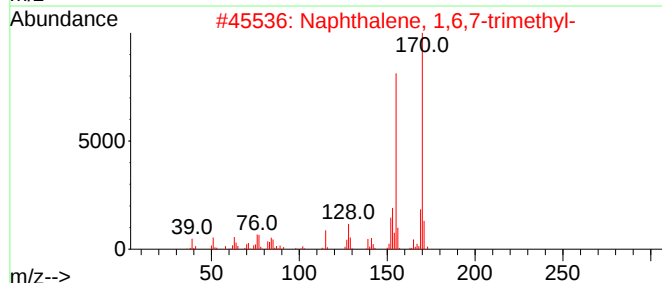
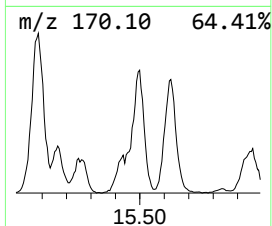
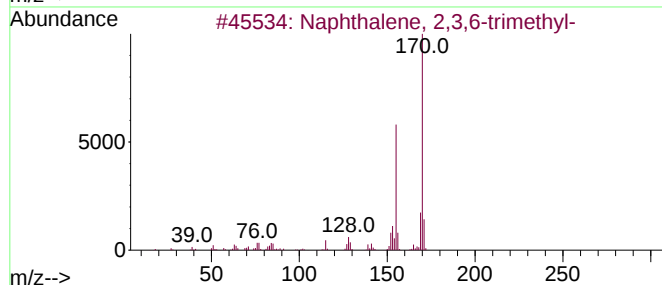
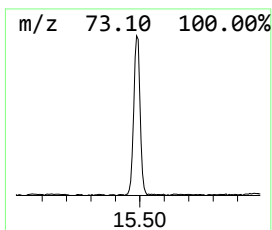
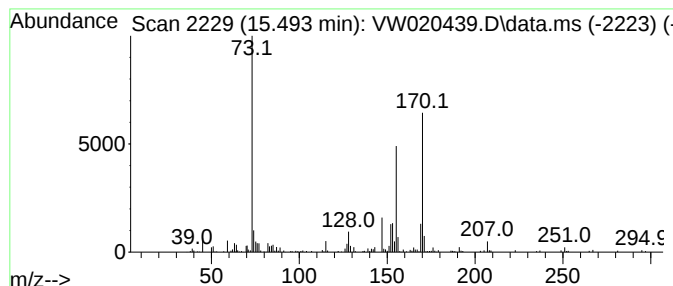
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Quant Title : SFAM01.0

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

Peak Number 12 4,6,8-Trimethylazulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.493	8.01 ug/L	230158	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

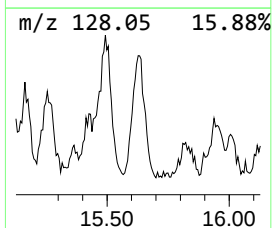
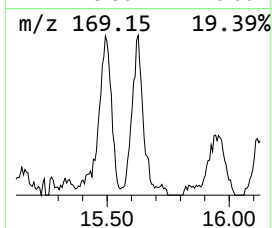
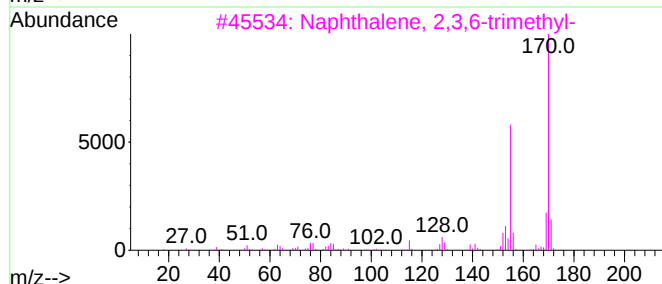
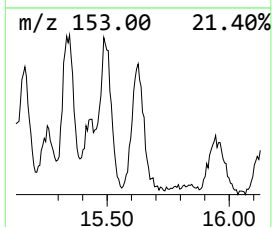
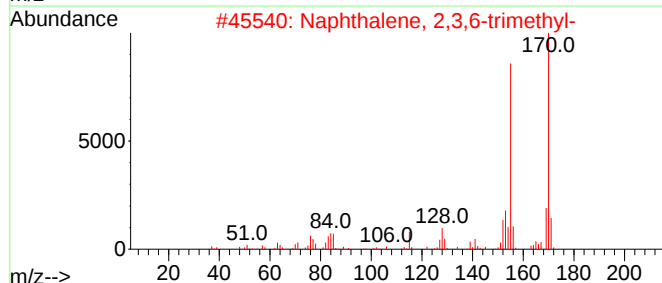
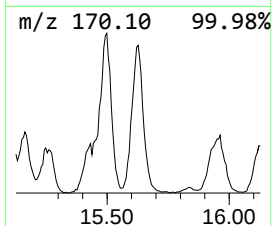
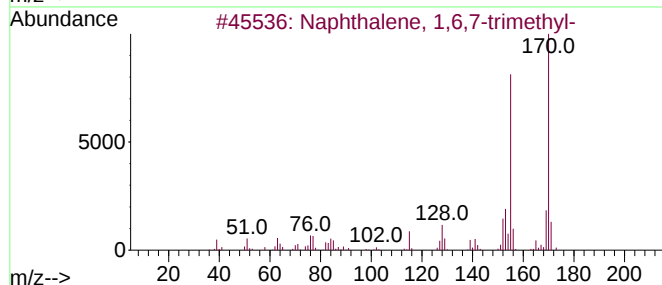
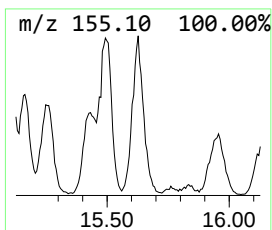
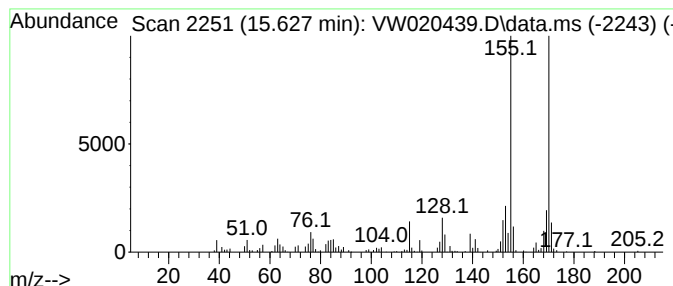
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Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	6.26 ug/L	179844	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

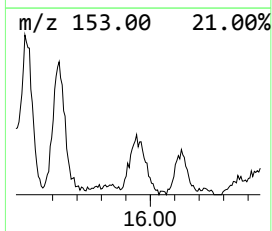
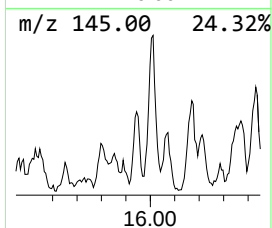
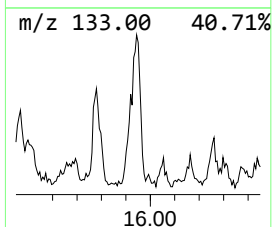
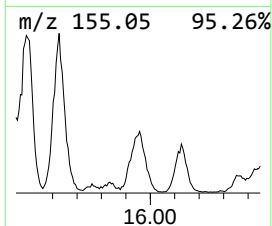
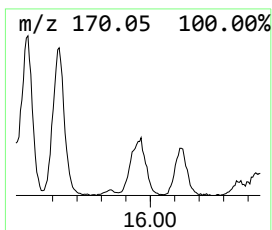
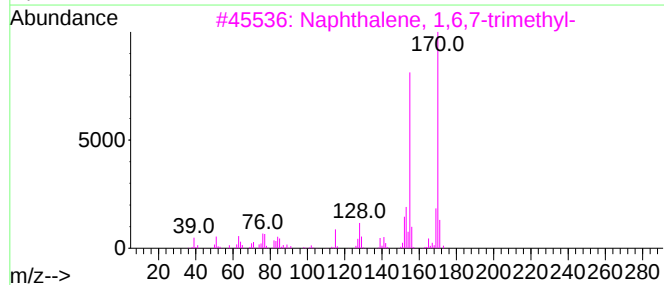
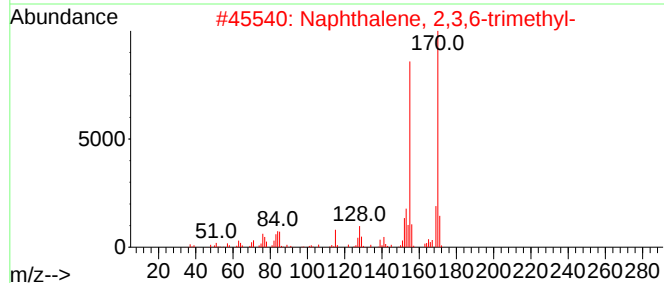
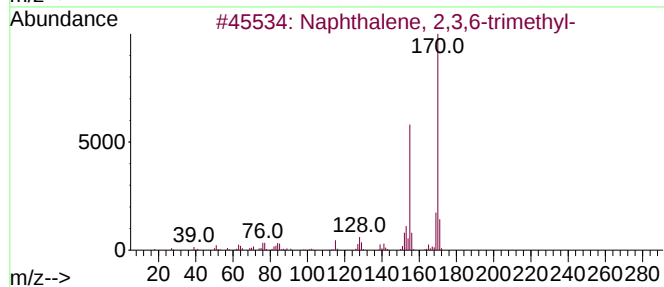
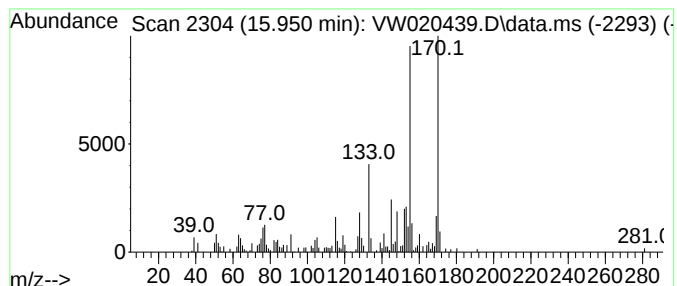
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.950	3.16 ug/L	90902	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

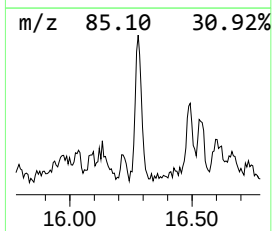
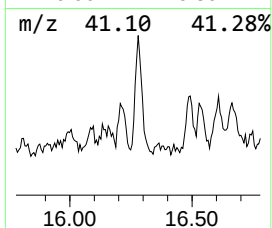
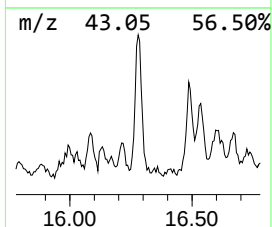
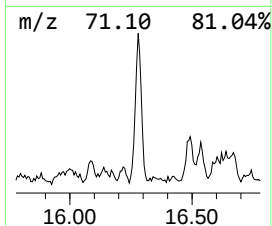
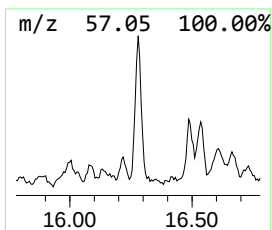
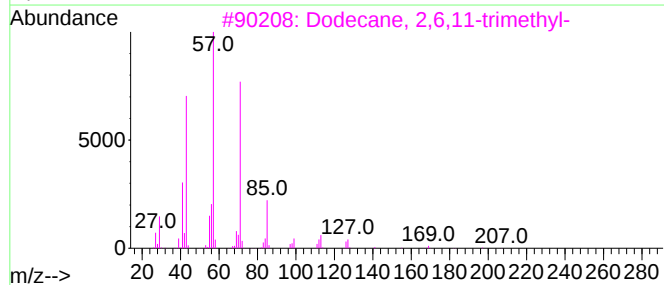
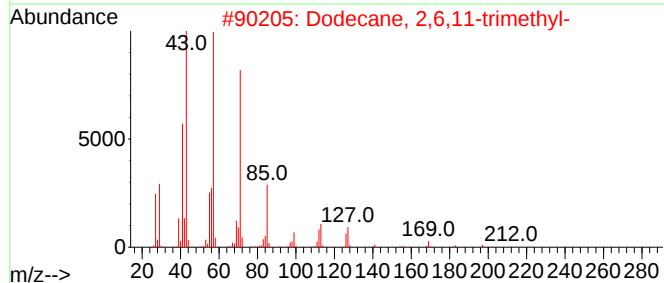
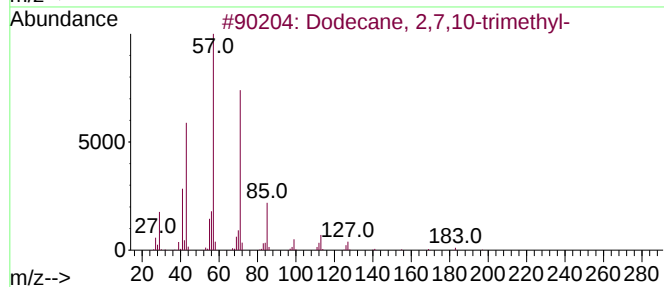
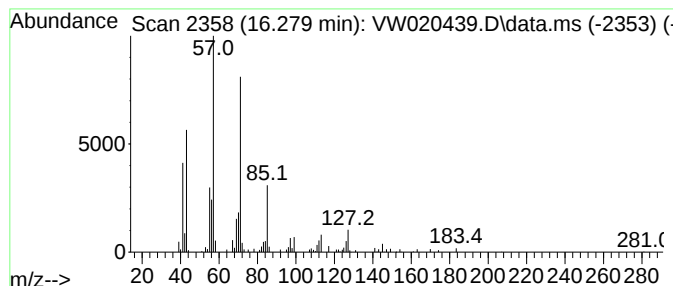
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	1.42 ug/L	40901	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020439.D
Acq On : 11 Oct 2021 12:59
Operator : SY/VA
Sample : VIBLK469
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK469

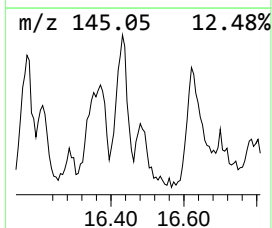
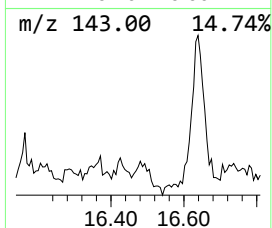
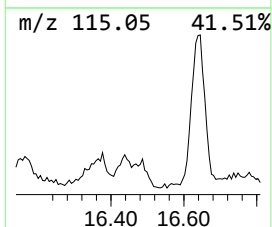
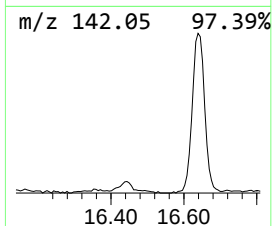
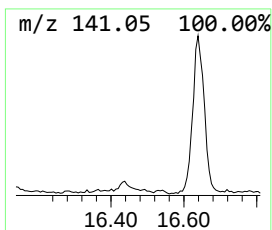
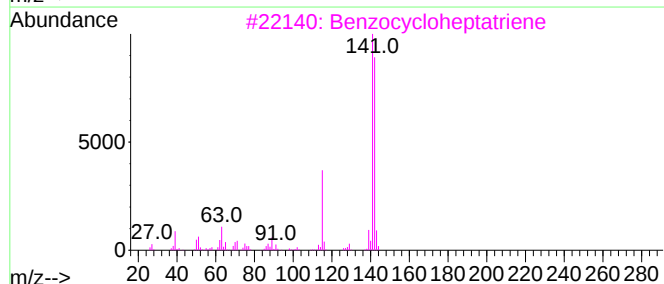
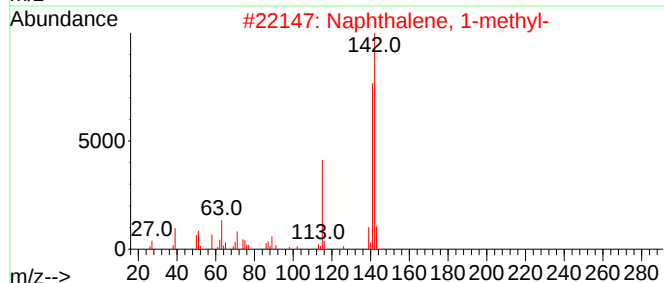
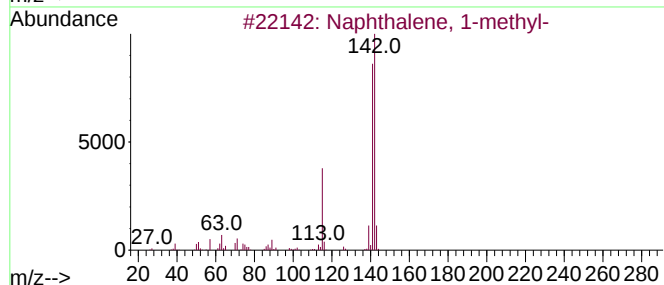
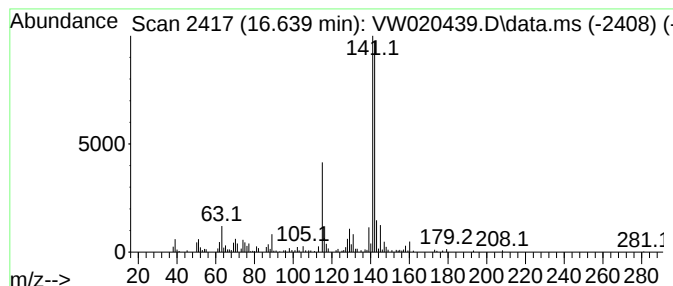
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Quant Title : SFAM01.0

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

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	4.14 ug/L	118927	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			Benzocycloheptatriene	142	C11H10	000264-09-5	93
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020439.D
 Acq On : 11 Oct 2021 12:59
 Operator : SY/VA
 Sample : VIBLK469
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK469

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.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
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Naphthalene, 2,...	13.335	99.6	ug/L	2859920	3	13.560	718096	25.0
Naphthalene, 1,...	13.969	23.2	ug/L	665283	3	13.560	718096	25.0
Naphthalene, 1,...	14.304	10.0	ug/L	287212	3	13.560	718096	25.0
Naphthalene, 1-...	14.761	3.6	ug/L	103232	3	13.560	718096	25.0
unknown-01	14.926	4.9	ug/L	140322	3	13.560	718096	25.0
Naphthalene, 2,...	15.078	13.2	ug/L	380443	3	13.560	718096	25.0
Naphthalene, 1,...	15.261	2.3	ug/L	64879	3	13.560	718096	25.0
unknown-02	15.322	1.4	ug/L	41447	3	13.560	718096	25.0
3-(2-Methyl-pro...	15.432	1.5	ug/L	41899	3	13.560	718096	25.0
4,6,8-Trimethyl...	15.493	8.0	ug/L	230158	3	13.560	718096	25.0
Naphthalene, 1,...	15.627	6.3	ug/L	179844	3	13.560	718096	25.0
unknown-03	15.950	3.2	ug/L	90902	3	13.560	718096	25.0
(DEL) Alkane: S...	16.279	1.4	ug/L	40901	3	13.560	718096	25.0
Naphthalene, 1-...	16.639	4.1	ug/L	118927	3	13.560	718096	25.0