

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020251.D
 Acq On : 30 Sep 2021 00:19
 Operator : SY/VA
 Sample : M3974-02
 Misc : 7.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y8

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

Signal : TIC: VW020251.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.026	19	20	25	rBV	414	511	0.06%	0.006%
2	2.160	38	42	45	rBV5	659	1161	0.13%	0.014%
3	2.245	47	56	59	rBV8	2786	7414	0.82%	0.087%
4	2.361	69	75	84	rBV	97523	177942	19.77%	2.082%
5	2.483	93	95	96	rBV2	1001	1087	0.12%	0.013%
6	2.623	114	118	119	rBV3	3088	3785	0.42%	0.044%
7	2.836	152	153	154	rBV	910	357	0.04%	0.004%
8	2.897	154	163	174	rBV	68054	164899	18.32%	1.930%
9	3.031	183	185	189	rVB4	1609	1840	0.20%	0.022%
10	3.397	240	245	248	rVB3	402	656	0.07%	0.008%
11	3.440	250	252	257	rVB3	163	250	0.03%	0.003%
12	3.489	257	260	261	rBV2	241	285	0.03%	0.003%
13	3.501	261	262	265	rVB3	231	188	0.02%	0.002%
14	3.562	271	272	275	rVB	229	217	0.02%	0.003%
15	3.586	275	276	280	rBV3	195	199	0.02%	0.002%
16	4.025	336	348	360	rBV	124193	355319	39.48%	4.158%
17	4.123	360	364	374	rVV3	3755	10475	1.16%	0.123%
18	4.190	374	375	379	rVB2	279	208	0.02%	0.002%
19	4.391	399	408	417	rBV	2495	7111	0.79%	0.083%
20	4.580	437	439	443	rBV	166	213	0.02%	0.002%
21	4.799	474	475	480	rVB	180	208	0.02%	0.002%
22	4.934	484	497	506	rBV3	9064	29442	3.27%	0.345%
23	5.159	529	534	536	rBV2	143	229	0.03%	0.003%
24	5.440	577	580	582	rBV2	191	214	0.02%	0.003%
25	5.635	610	612	614	rBV2	160	200	0.02%	0.002%
26	5.799	631	639	646	rVB4	542	1588	0.18%	0.019%
27	5.952	656	664	672	rBV4	1327	3868	0.43%	0.045%
28	6.183	699	702	704	rVB2	190	210	0.02%	0.002%
29	6.214	704	707	709	rBV	232	227	0.03%	0.003%
30	6.409	737	739	743	rBV	243	325	0.04%	0.004%
31	6.519	753	757	762	rBV2	168	335	0.04%	0.004%
32	6.641	774	777	779	rBV	228	327	0.04%	0.004%
33	6.744	792	794	798	rVB2	134	186	0.02%	0.002%
34	6.903	819	820	822	rBV2	259	236	0.03%	0.003%
35	6.927	822	824	831	rVB3	271	314	0.03%	0.004%
36	6.988	831	834	835	rBV2	293	272	0.03%	0.003%

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 Title : SFAM01.0

37	7.086	840	850	860	rBV	20025	56563	6.28%	0.662%
38	7.159	860	862	863	rVV2	2066	2037	0.23%	0.024%
39	7.177	863	865	876	rVB5	3037	5715	0.63%	0.067%
40	7.256	876	878	881	rVB2	203	207	0.02%	0.002%
41	7.293	881	884	886	rVB3	187	209	0.02%	0.002%
42	7.329	888	890	892	rBV2	157	185	0.02%	0.002%
43	7.525	920	922	924	rBV2	210	219	0.02%	0.003%
44	7.653	933	943	957	rBV	166872	413393	45.93%	4.838%
45	7.762	960	961	963	rVB	334	221	0.02%	0.003%
46	7.854	972	976	978	rBV	394	317	0.04%	0.004%
47	7.884	978	981	982	rBV2	144	192	0.02%	0.002%
48	7.909	982	985	986	rBV	197	209	0.02%	0.002%
49	7.933	986	989	992	rBV5	324	292	0.03%	0.003%
50	7.957	992	993	997	rVB3	606	427	0.05%	0.005%
51	8.031	1002	1005	1008	rBV3	293	427	0.05%	0.005%
52	8.067	1010	1011	1015	rVB	263	214	0.02%	0.003%
53	8.104	1015	1017	1019	rBV3	168	191	0.02%	0.002%
54	8.159	1023	1026	1027	rBV2	258	231	0.03%	0.003%
55	8.280	1036	1046	1061	rBV2	309109	900058	100.00%	10.533%
56	8.390	1061	1064	1065	rVB3	460	485	0.05%	0.006%
57	8.402	1065	1066	1068	rBV	467	219	0.02%	0.003%
58	8.421	1068	1069	1070	rBV	485	278	0.03%	0.003%
59	8.457	1073	1075	1076	rVB	450	261	0.03%	0.003%
60	8.500	1076	1082	1083	rBV4	484	665	0.07%	0.008%
61	8.567	1090	1093	1094	rBV3	491	499	0.06%	0.006%
62	8.634	1101	1104	1107	rVB5	598	706	0.08%	0.008%
63	8.671	1107	1110	1111	rBV4	607	633	0.07%	0.007%
64	8.701	1111	1115	1117	rVB4	695	1019	0.11%	0.012%
65	8.726	1117	1119	1121	rBV3	295	309	0.03%	0.004%
66	8.847	1126	1139	1151	rBV	348074	696615	77.40%	8.153%
67	8.969	1158	1159	1162	rVB3	850	466	0.05%	0.005%
68	9.006	1162	1165	1168	rBV4	421	626	0.07%	0.007%
69	9.079	1172	1177	1182	rBV7	3415	7343	0.82%	0.086%
70	9.152	1187	1189	1191	rVB3	979	584	0.06%	0.007%
71	9.201	1193	1197	1198	rBV4	909	575	0.06%	0.007%
72	9.280	1198	1210	1218	rBV	210662	426067	47.34%	4.986%
73	9.457	1236	1239	1241	rBV4	1164	1340	0.15%	0.016%
74	9.518	1245	1249	1250	rBV4	1587	1642	0.18%	0.019%
75	9.677	1274	1275	1277	rVB2	1046	736	0.08%	0.009%
76	10.036	1328	1334	1344	rBV	104215	193142	21.46%	2.260%

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 Title : SFAM01.0

77	10.329	1374	1382	1389	rBV	392732	710114	78.90%	8.311%
78	10.579	1417	1423	1433	rBV	62019	112036	12.45%	1.311%
79	10.926	1474	1480	1488	rBV	86585	157076	17.45%	1.838%
80	11.634	1590	1596	1604	rVB	392094	653594	72.62%	7.649%
81	12.432	1720	1727	1729	rBV3	46684	107541	11.95%	1.259%
82	12.694	1764	1770	1776	rVB	142524	252213	28.02%	2.952%
83	12.883	1789	1801	1803	rBV3	112977	340700	37.85%	3.987%
84	13.334	1862	1875	1886	rBV2	190481	802137	89.12%	9.388%
85	13.462	1891	1896	1907	rVV3	97960	341202	37.91%	3.993%
86	13.560	1907	1912	1919	rVB	227298	360629	40.07%	4.220%
87	13.853	1955	1960	1966	rBV	207556	364927	40.54%	4.271%
88	14.322	2030	2037	2045	rVB4	31866	87398	9.71%	1.023%
89	14.792	2107	2114	2121	rVB6	36210	102854	11.43%	1.204%
90	15.072	2153	2160	2169	rBV4	48982	173071	19.23%	2.025%
91	15.176	2172	2177	2184	rVB3	41924	96413	10.71%	1.128%
92	15.328	2198	2202	2205	rVB6	10635	16431	1.83%	0.192%
93	15.468	2221	2225	2228	rBV5	14315	25151	2.79%	0.294%
94	15.651	2247	2255	2262	rVB6	25875	80408	8.93%	0.941%
95	15.822	2279	2283	2293	rVB4	13985	39964	4.44%	0.468%
96	15.944	2299	2303	2309	rVB4	11852	19894	2.21%	0.233%
97	16.279	2354	2358	2364	rBV5	8705	14638	1.63%	0.171%
98	16.370	2369	2373	2378	rVB4	9674	18124	2.01%	0.212%
99	16.431	2379	2383	2388	rBV5	8266	17284	1.92%	0.202%
100	16.645	2409	2418	2430	rVB2	63007	163110	18.12%	1.909%

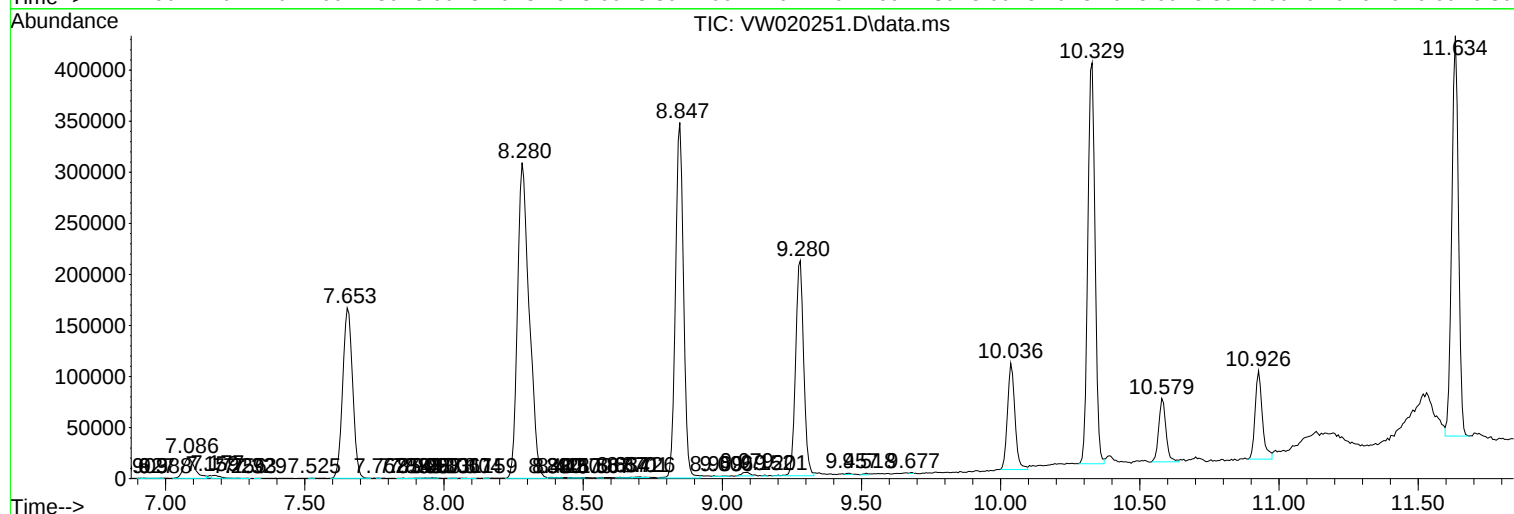
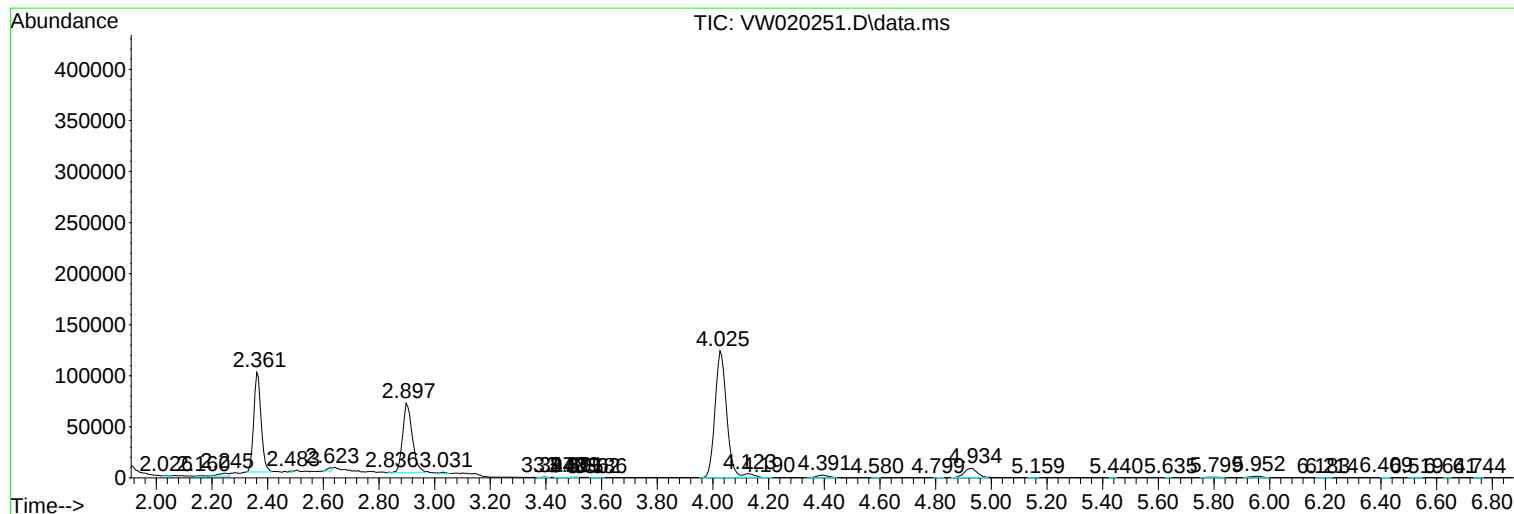
Sum of corrected areas: 8544724

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



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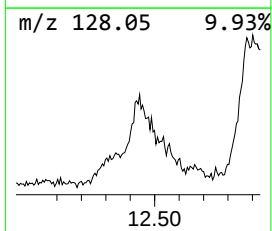
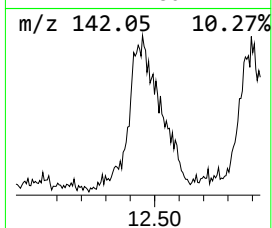
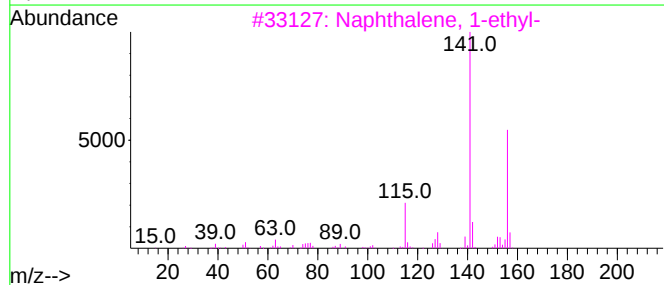
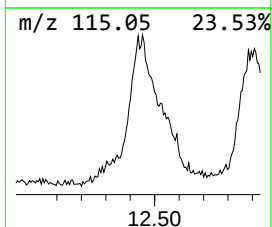
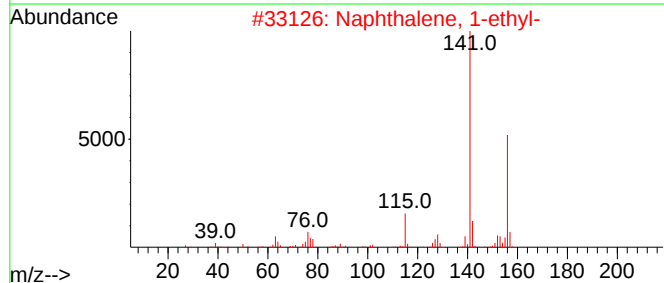
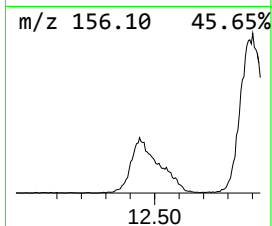
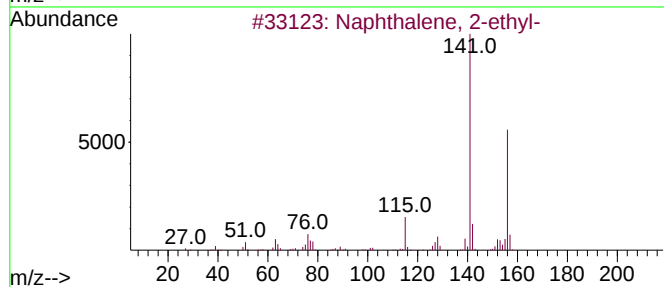
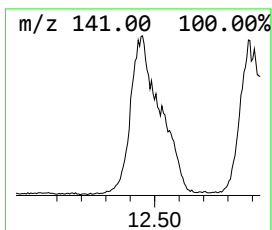
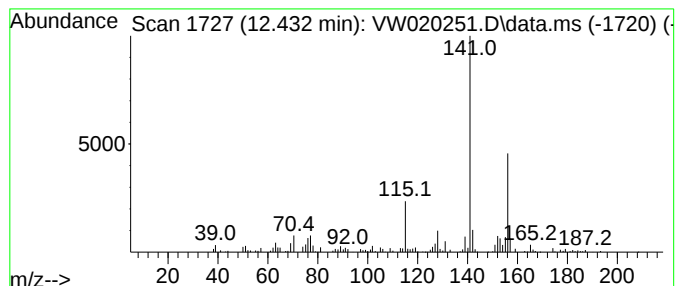
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.432	4.11 ug/L	107541	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



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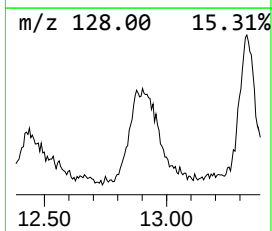
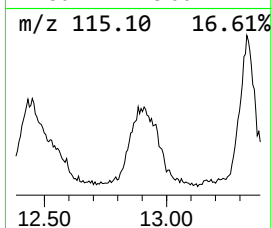
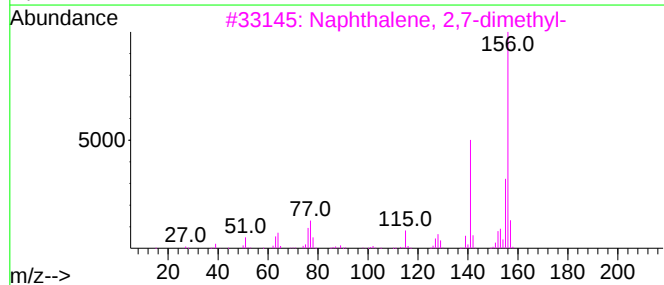
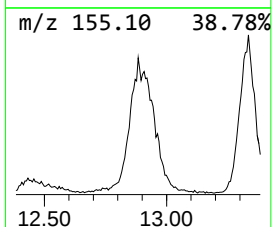
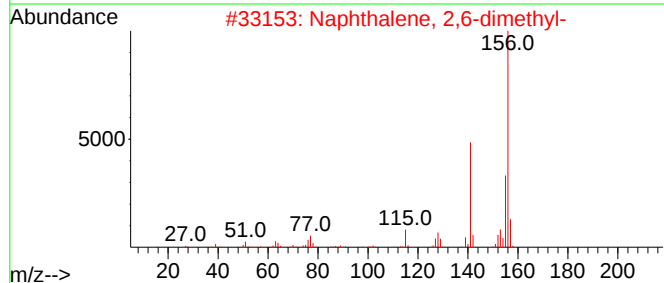
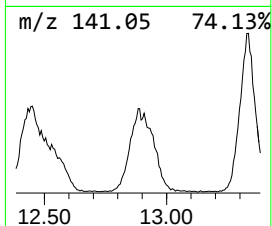
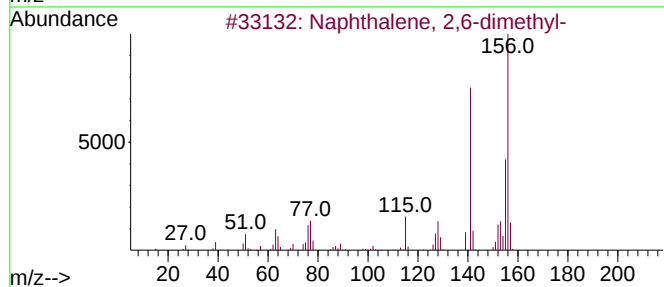
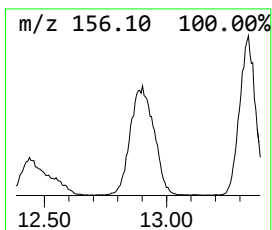
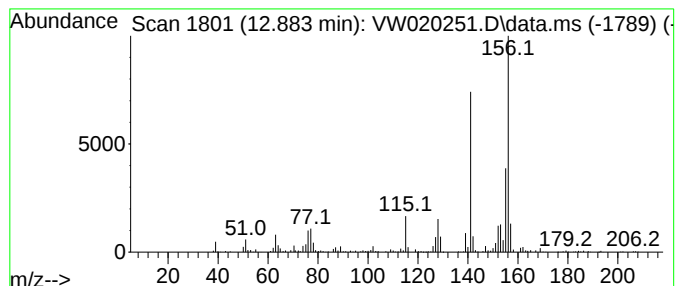
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.883	23.62 ug/L	340700	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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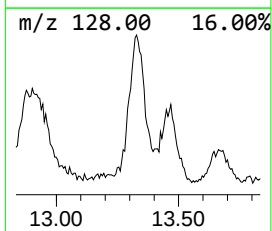
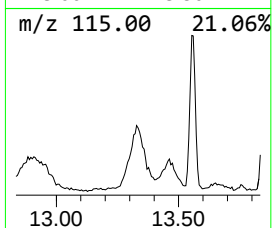
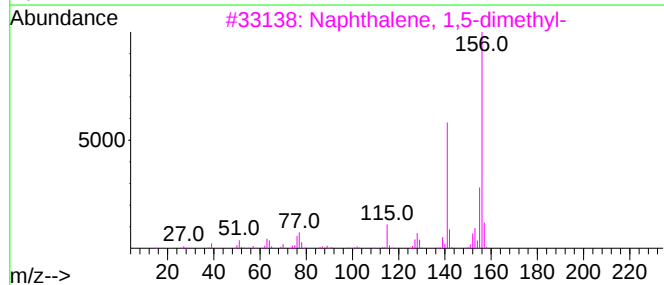
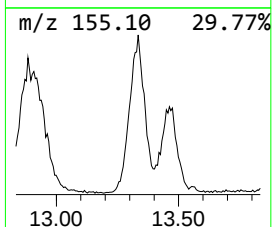
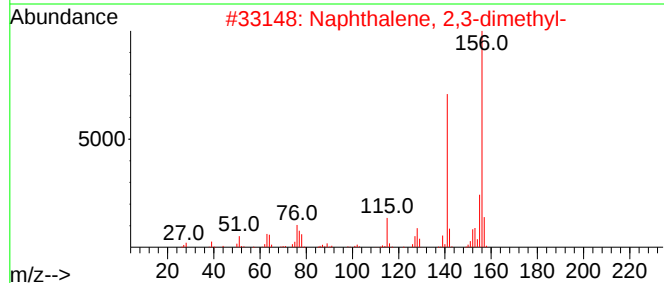
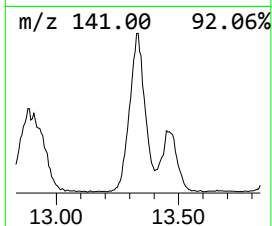
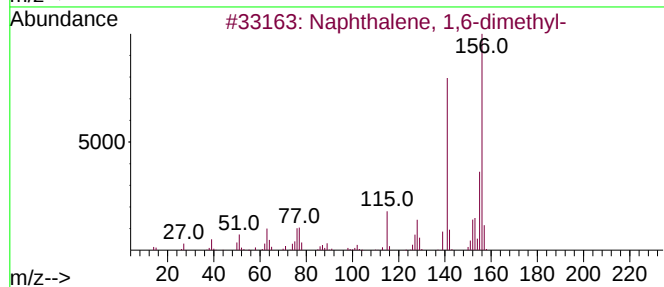
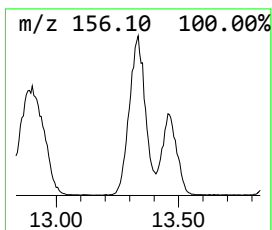
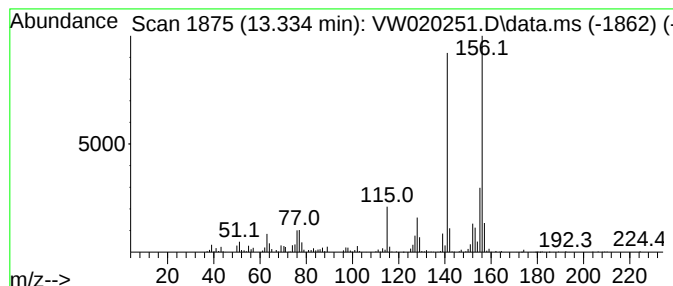
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	55.61 ug/L	802137	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

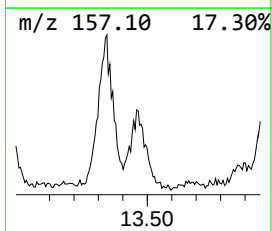
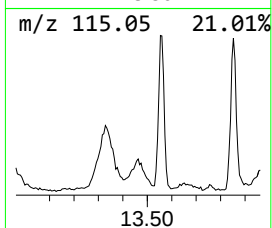
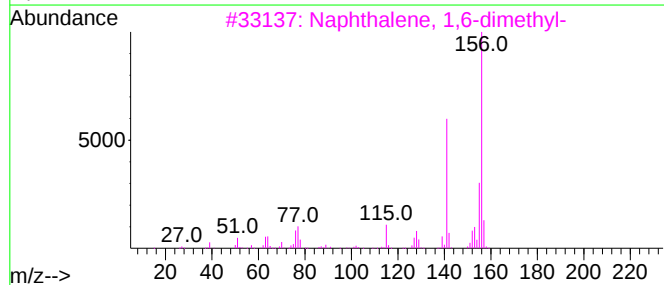
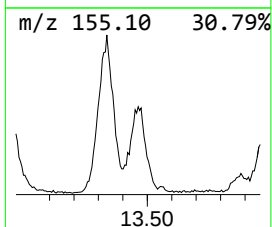
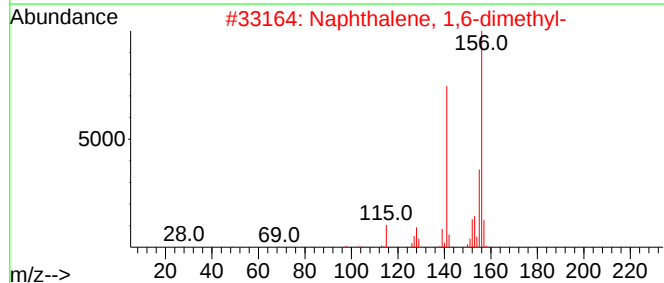
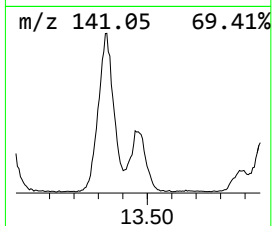
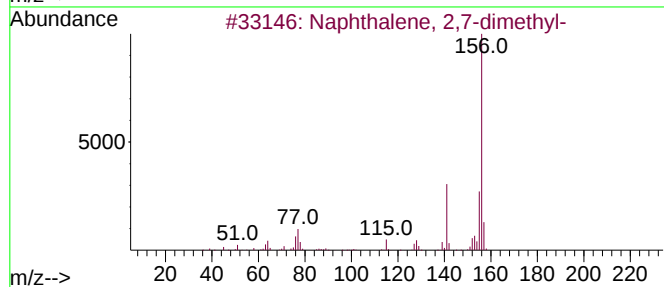
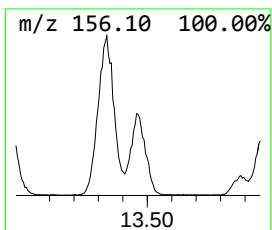
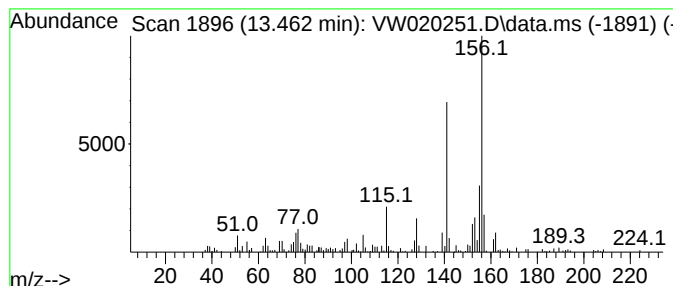
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	23.65 ug/L	341202	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

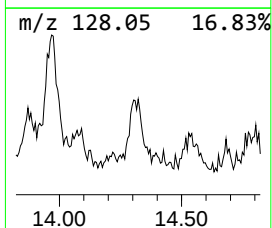
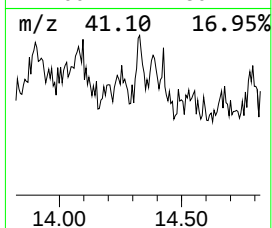
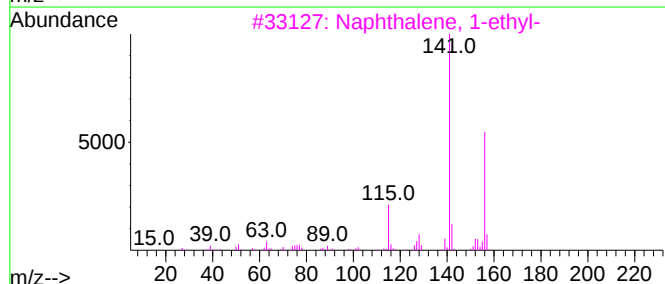
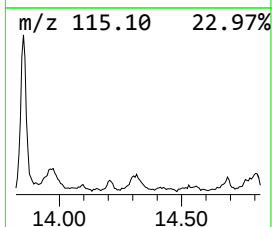
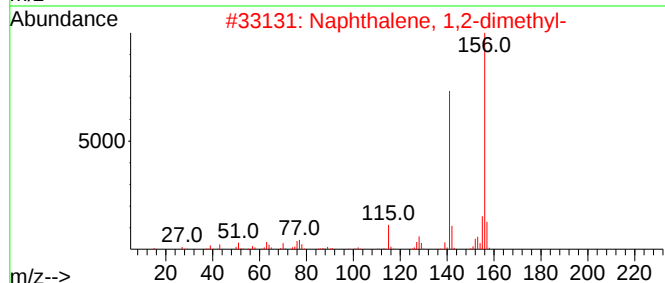
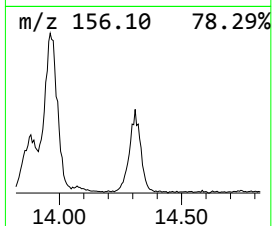
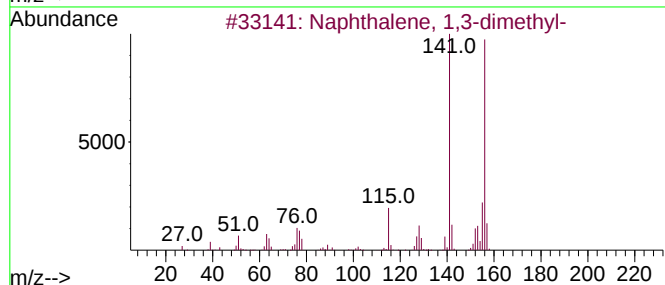
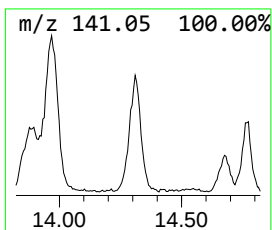
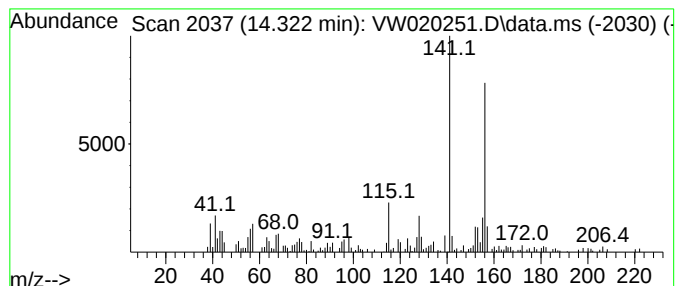
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	6.06 ug/L	87398	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	91
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	86
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

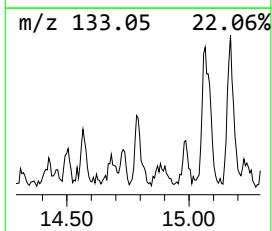
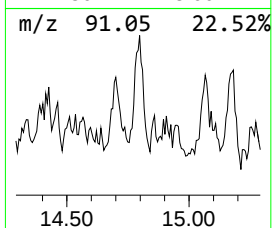
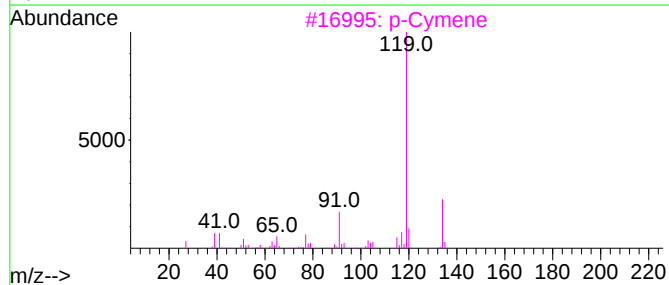
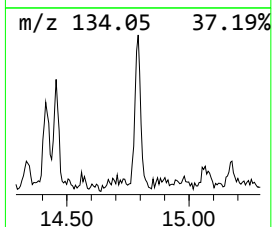
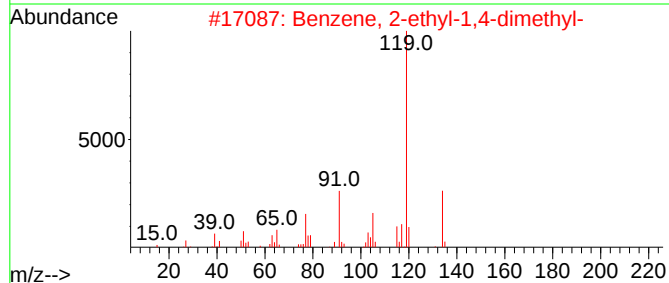
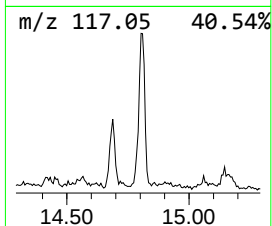
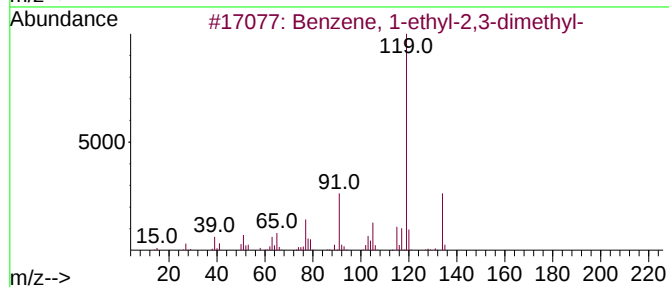
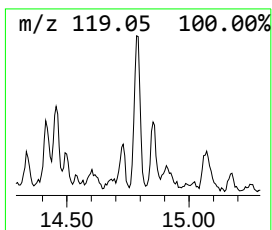
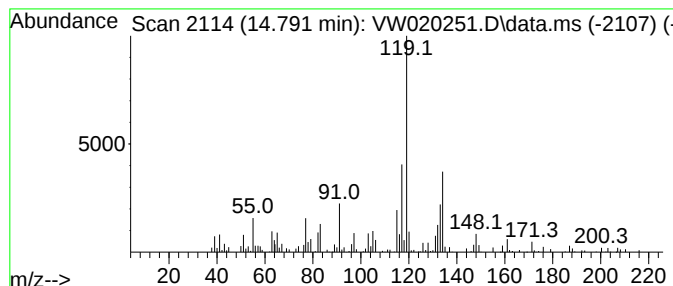
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.791	7.13 ug/L	102854	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	47
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	47
3			p-Cymene	134	C10H14	000099-87-6	46
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
5			o-Cymene	134	C10H14	000527-84-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

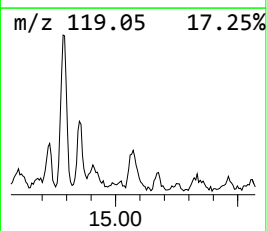
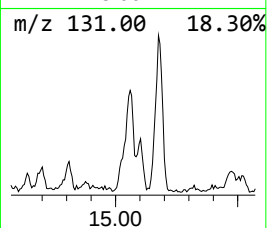
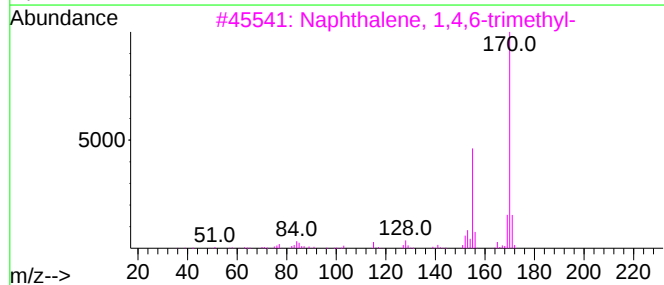
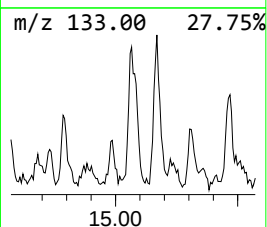
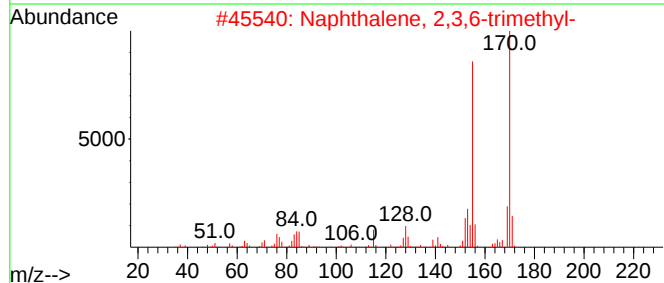
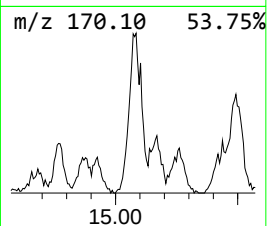
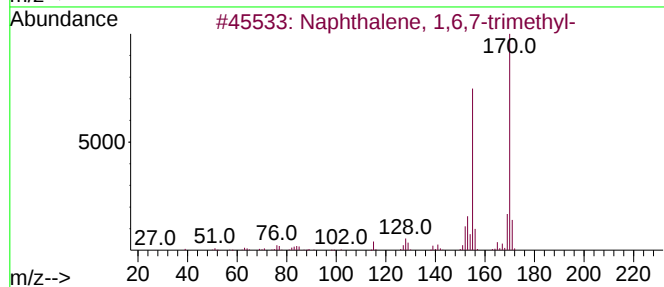
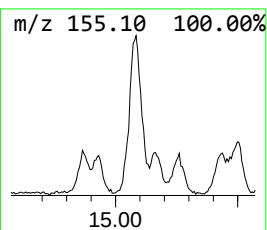
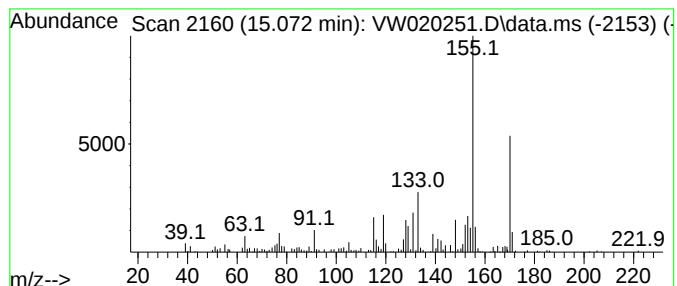
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Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.072	12.00 ug/L	173071	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	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

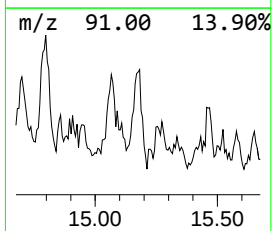
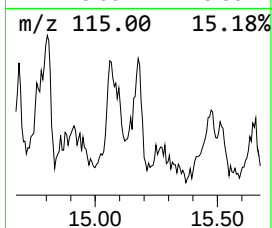
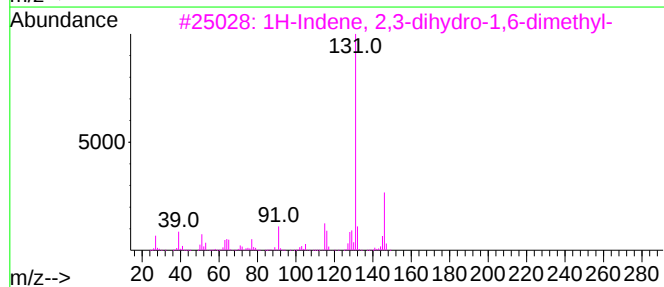
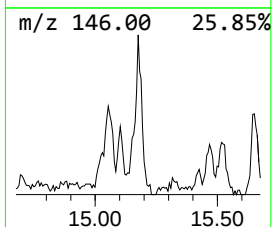
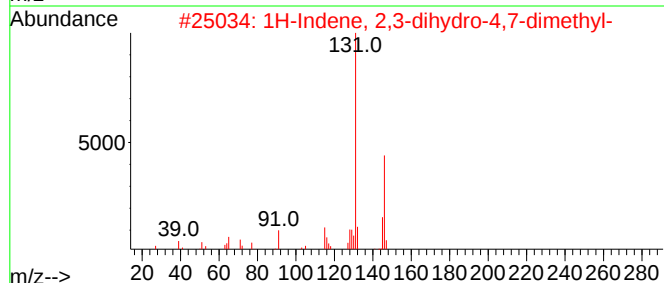
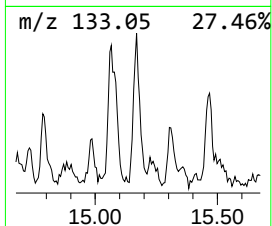
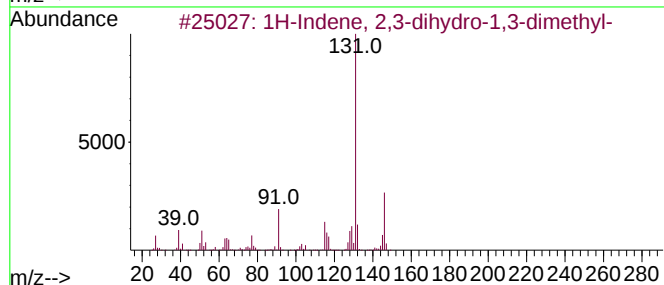
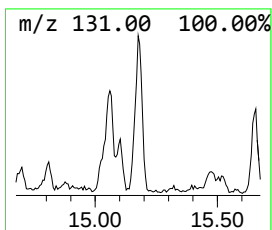
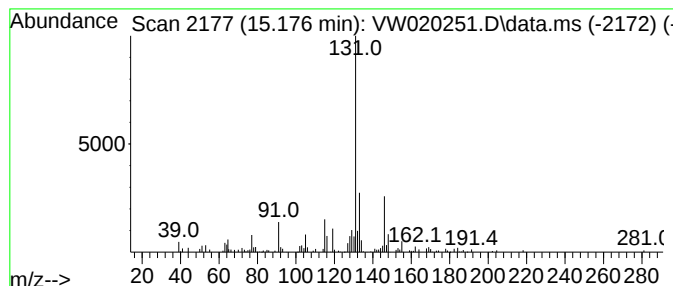
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Quant Title : SFAM01.0

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

Peak Number 9 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	6.68 ug/L	96413	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

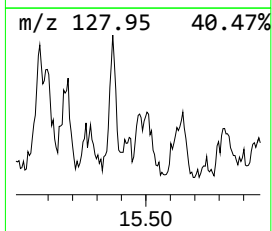
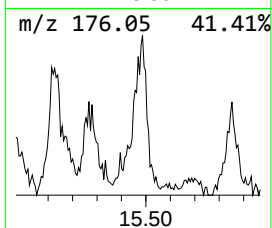
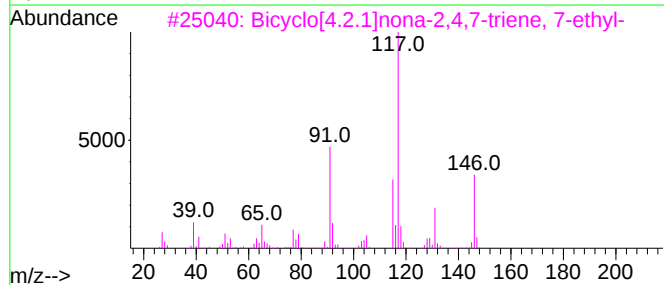
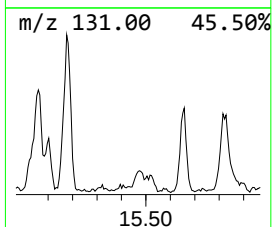
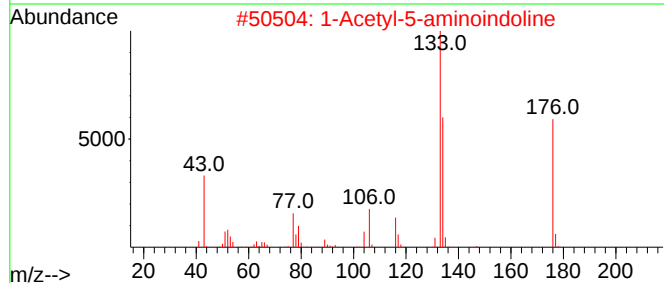
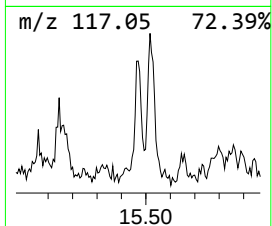
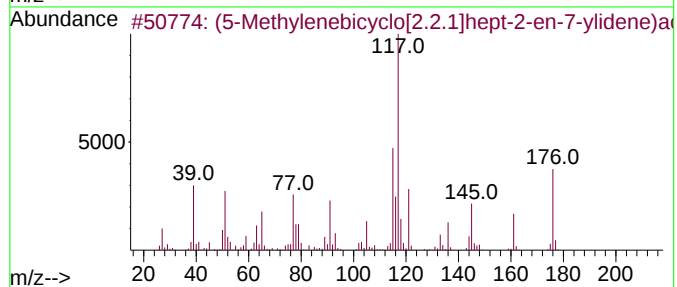
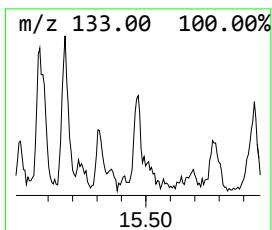
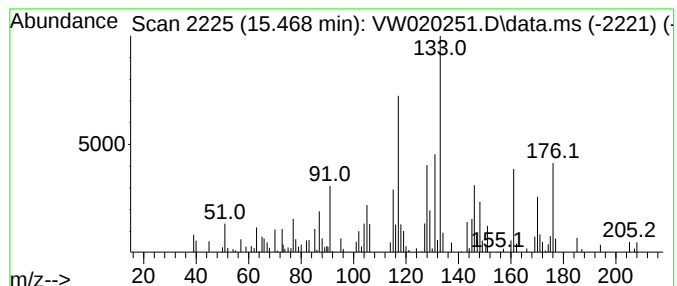
Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.468	1.74 ug/L	25151	1,4-Dichlorobenzene-d4		13.560	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		(5-Methylenebicyclo[2.2.1]hept-2...	176	C11H12O2	1000211-09-6	25
2		1-Acetyl-5-aminoindoline	176	C10H12N2O	004993-96-8	25
3		Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	25
4		2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	20
5		2-Acetyl-5,6,7,8-tetrahydroquino...	176	C10H12N2O	086461-70-3	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

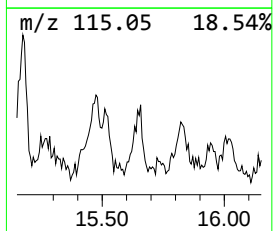
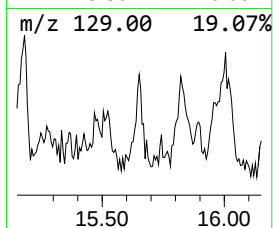
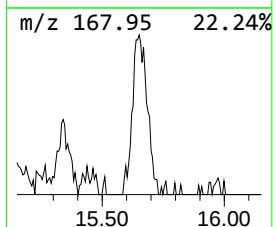
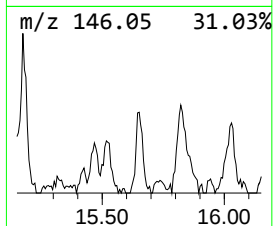
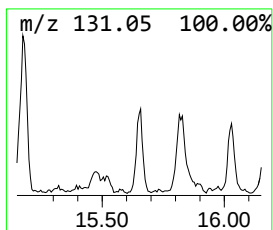
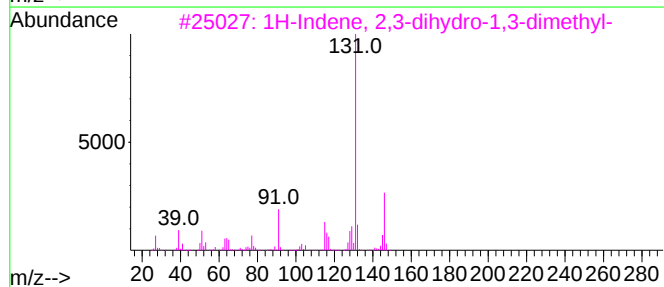
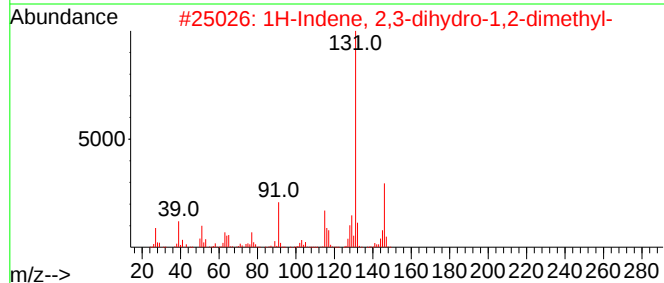
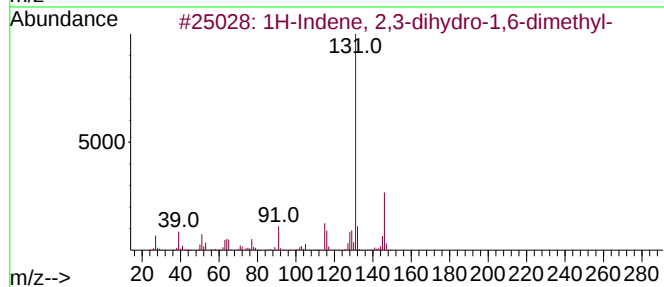
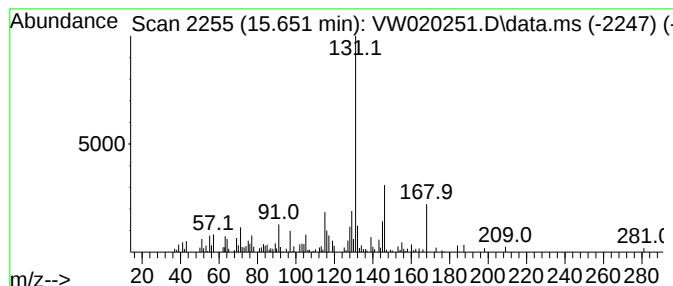
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Quant Title : SFAM01.0

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

Peak Number 11 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	5.57 ug/L	80408	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	89
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

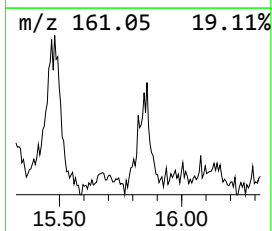
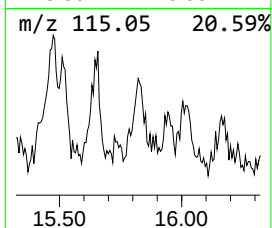
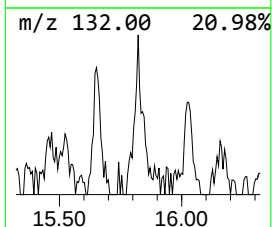
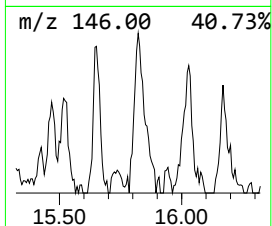
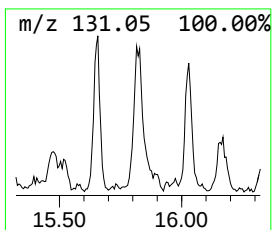
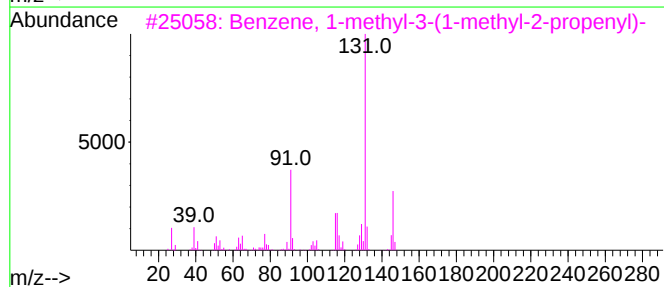
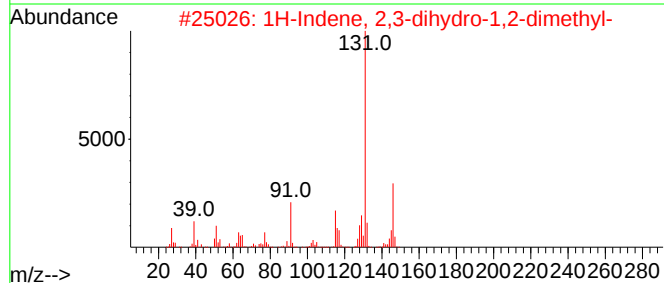
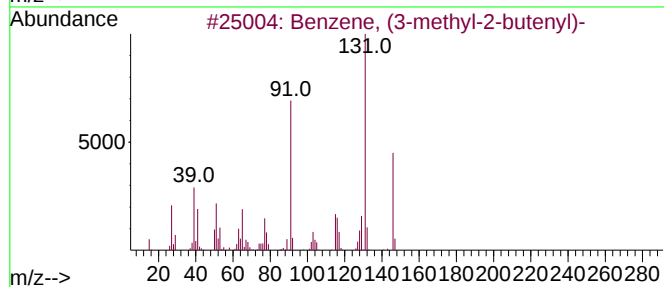
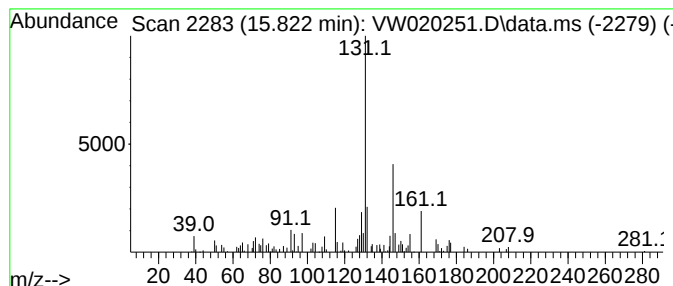
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, (3-methyl-2-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.822	2.77 ug/L	39964	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	68
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
3			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	64
4			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

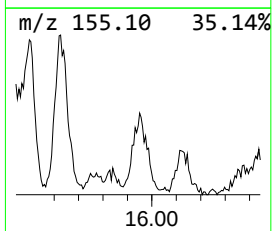
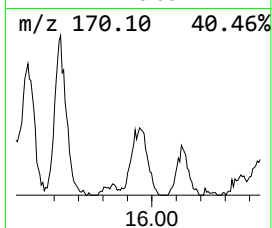
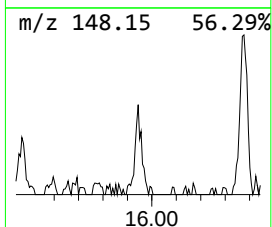
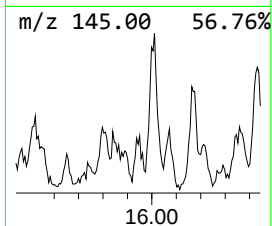
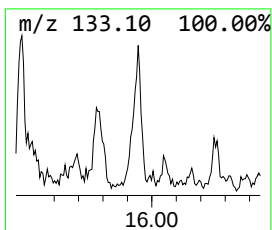
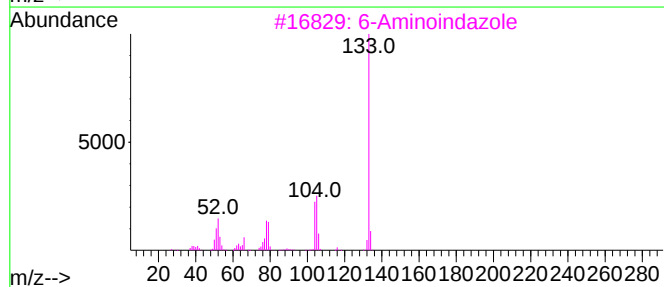
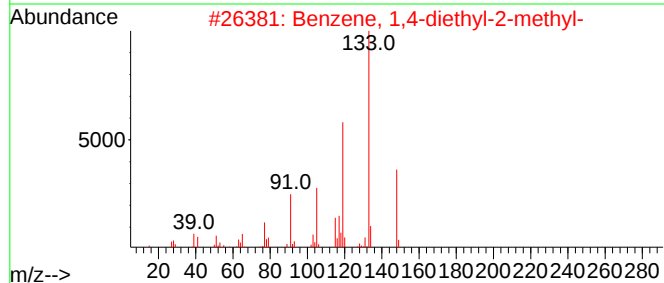
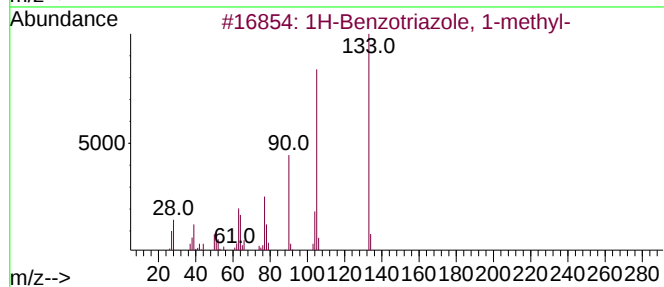
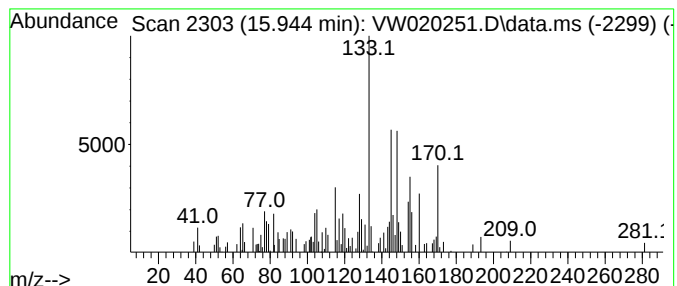
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Quant Title : SFAM01.0

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

Peak Number 13 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	1.38 ug/L	19894	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Benzotriazole, 1-methyl-	133	C7H7N3	013351-73-0	44
2		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	42
3		6-Aminoindazole	133	C7H7N3	006967-12-0	40
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	38
5		Phenol, p-(2-methylallyl)-	148	C10H12O	033641-78-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

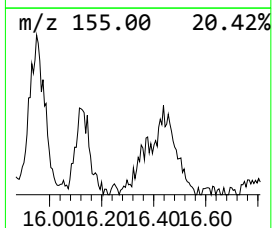
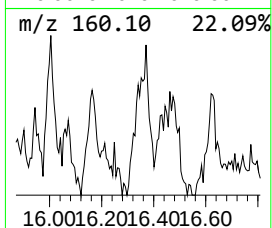
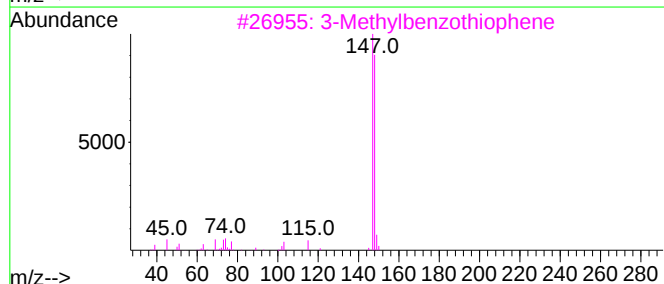
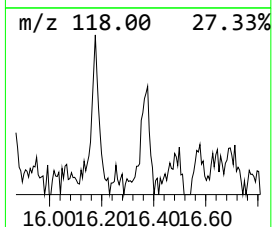
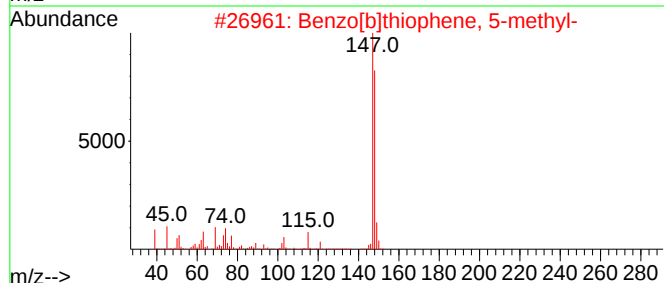
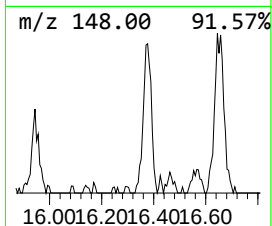
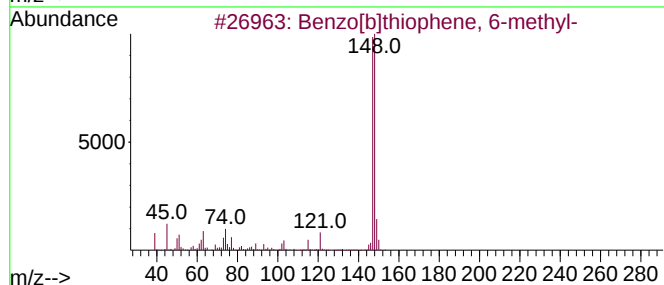
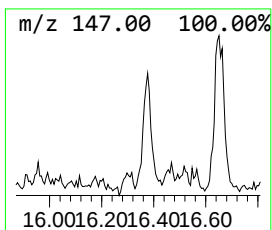
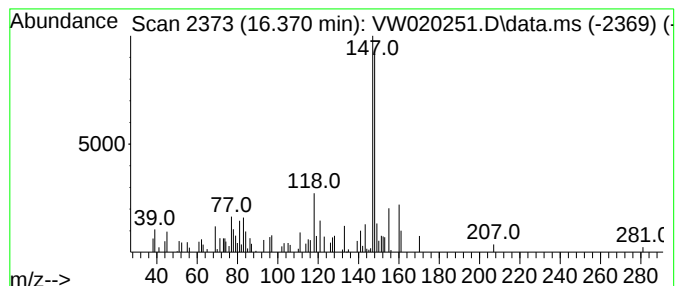
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Quant Title : SFAM01.0

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

Peak Number 14 Benzo[b]thiophene, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	1.26 ug/L	18124	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	64
2			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	58
3			3-Methylbenzothiophene	148	C9H8S	001455-18-1	58
4			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	52
5			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
Data File : VW020251.D
Acq On : 30 Sep 2021 00:19
Operator : SY/VA
Sample : M3974-02
Misc : 7.10g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Y8

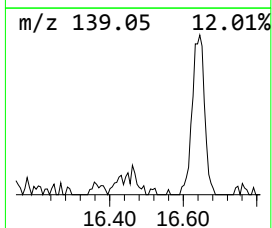
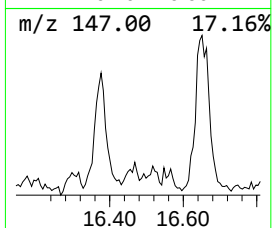
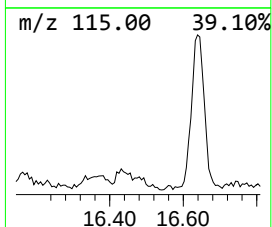
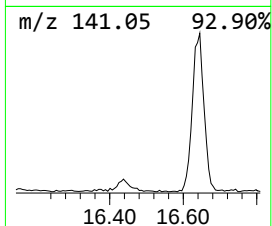
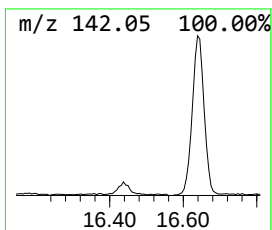
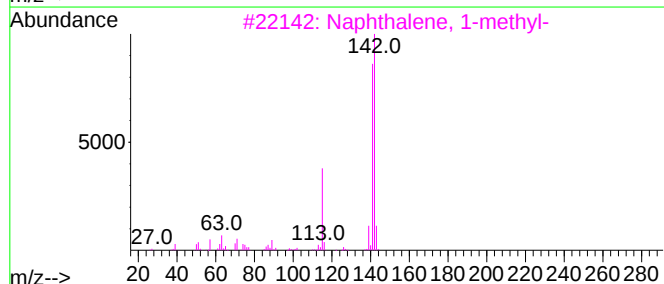
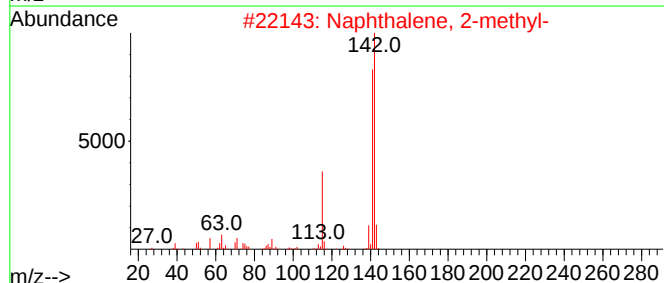
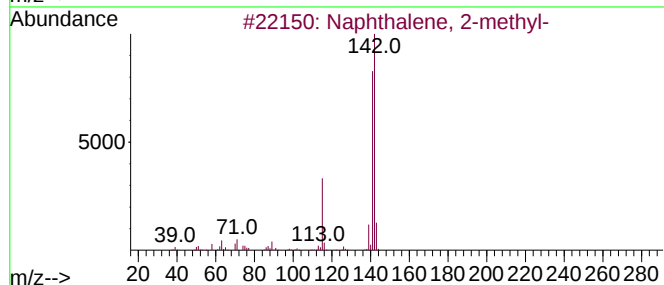
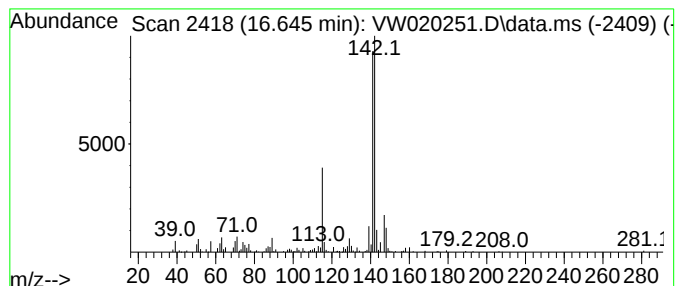
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	11.31 ug/L	163110	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020251.D
 Acq On : 30 Sep 2021 00:19
 Operator : SY/VA
 Sample : M3974-02
 Misc : 7.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.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-...	12.432	4.1	ug/L	107541	2	11.634	653594	25.0
Naphthalene, 2,...	12.883	23.6	ug/L	340700	3	13.560	360629	25.0
Naphthalene, 1,...	13.335	55.6	ug/L	802137	3	13.560	360629	25.0
Naphthalene, 2,...	13.463	23.6	ug/L	341202	3	13.560	360629	25.0
Naphthalene, 1,...	14.322	6.1	ug/L	87398	3	13.560	360629	25.0
unknown-01	14.791	7.1	ug/L	102854	3	13.560	360629	25.0
Naphthalene, 1,...	15.072	12.0	ug/L	173071	3	13.560	360629	25.0
1H-Indene, 2,3-...	15.176	6.7	ug/L	96413	3	13.560	360629	25.0
unknown-02	15.468	1.7	ug/L	25151	3	13.560	360629	25.0
1H-Indene, 2,3-...	15.651	5.6	ug/L	80408	3	13.560	360629	25.0
Benzene, (3-met...	15.822	2.8	ug/L	39964	3	13.560	360629	25.0
unknown-03	15.944	1.4	ug/L	19894	3	13.560	360629	25.0
Benzo[b]thiophe...	16.371	1.3	ug/L	18124	3	13.560	360629	25.0
Naphthalene, 2-...	16.645	11.3	ug/L	163110	3	13.560	360629	25.0