

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020443.D
 Acq On : 11 Oct 2021 14:40
 Operator : SY/VA
 Sample : M4126-16RE
 Misc : 3.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD1RE

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: VW020443.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	67	73	83	rVB	81741	132335	20.11%	2.496%
2	2.879	152	160	172	rVB	44612	94710	14.39%	1.787%
3	2.965	172	174	175	rVB2	775	490	0.07%	0.009%
4	2.989	175	178	179	rBV3	580	572	0.09%	0.011%
5	3.062	188	190	194	rBV4	423	511	0.08%	0.010%
6	3.373	236	241	243	rBV4	405	638	0.10%	0.012%
7	3.391	243	244	249	rVB3	586	672	0.10%	0.013%
8	3.580	270	275	278	rBV3	333	518	0.08%	0.010%
9	3.684	290	292	297	rVB2	496	689	0.10%	0.013%
10	4.013	335	346	360	rBV	104507	300098	45.61%	5.661%
11	4.141	360	367	376	rVB2	1903	5582	0.85%	0.105%
12	4.263	385	387	388	rVB2	297	171	0.03%	0.003%
13	4.373	401	405	408	rBV3	224	390	0.06%	0.007%
14	4.446	412	417	418	rBV3	167	188	0.03%	0.004%
15	4.690	452	457	460	rVB3	148	202	0.03%	0.004%
16	4.915	482	494	509	rBV	37631	122471	18.61%	2.310%
17	5.793	636	638	643	rBV2	111	173	0.03%	0.003%
18	5.940	652	662	673	rVB2	5227	14732	2.24%	0.278%
19	6.732	788	792	795	rVB2	135	178	0.03%	0.003%
20	7.092	840	851	874	rBV	25277	76566	11.64%	1.444%
21	7.281	879	882	884	rVB2	201	193	0.03%	0.004%
22	7.543	920	925	931	rVB3	484	914	0.14%	0.017%
23	7.653	931	943	956	rBV	163677	405762	61.66%	7.655%
24	7.787	963	965	968	rVB2	236	209	0.03%	0.004%
25	7.951	987	992	996	rBV4	379	654	0.10%	0.012%
26	8.073	1006	1012	1016	rBV2	251	431	0.07%	0.008%
27	8.275	1035	1045	1060	rBV2	207124	658034	100.00%	12.414%
28	8.396	1063	1065	1066	rBV	1005	898	0.14%	0.017%
29	8.720	1115	1118	1122	rVB2	125	175	0.03%	0.003%
30	8.842	1129	1138	1151	rBV	146968	295530	44.91%	5.575%
31	8.957	1154	1157	1160	rBV2	184	238	0.04%	0.004%
32	9.091	1168	1179	1189	rBV	34986	70878	10.77%	1.337%
33	9.274	1200	1209	1220	rVV	216771	432841	65.78%	8.165%
34	9.348	1220	1221	1223	rVV	808	568	0.09%	0.011%
35	9.402	1225	1230	1234	rVB2	185	325	0.05%	0.006%
36	9.512	1245	1248	1252	rBV2	220	371	0.06%	0.007%

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

37	9.549	1252	1254	1257	rVB	173	184	0.03%	0.003%
38	9.890	1309	1310	1312	rBV	243	206	0.03%	0.004%
39	10.036	1327	1334	1343	rBV	42687	78624	11.95%	1.483%
40	10.110	1343	1346	1348	rVB2	248	278	0.04%	0.005%
41	10.128	1348	1349	1353	rBV3	194	239	0.04%	0.005%
42	10.195	1356	1360	1362	rBV3	269	425	0.06%	0.008%
43	10.250	1367	1369	1372	rVB3	430	395	0.06%	0.007%
44	10.323	1372	1381	1389	rBV	132156	238898	36.30%	4.507%
45	10.390	1389	1392	1399	rVB	2942	4714	0.72%	0.089%
46	10.451	1399	1402	1403	rBV2	260	266	0.04%	0.005%
47	10.494	1407	1409	1410	rBV2	363	366	0.06%	0.007%
48	10.506	1410	1411	1413	rVV	458	267	0.04%	0.005%
49	10.579	1416	1423	1431	rBV	16897	29298	4.45%	0.553%
50	10.670	1436	1438	1439	rBV2	429	248	0.04%	0.005%
51	10.707	1439	1444	1451	rBV2	3632	6379	0.97%	0.120%
52	10.866	1464	1470	1473	rBV5	1589	2782	0.42%	0.052%
53	10.927	1473	1480	1491	rBV	59751	102356	15.55%	1.931%
54	11.018	1493	1495	1496	rBV2	346	210	0.03%	0.004%
55	11.036	1496	1498	1499	rBV2	518	491	0.07%	0.009%
56	11.067	1499	1503	1506	rBV3	1805	2753	0.42%	0.052%
57	11.183	1519	1522	1524	rVB4	1326	1589	0.24%	0.030%
58	11.207	1524	1526	1528	rVV3	689	677	0.10%	0.013%
59	11.225	1528	1529	1535	rVB6	1103	1561	0.24%	0.029%
60	11.305	1541	1542	1543	rBV	361	224	0.03%	0.004%
61	11.335	1543	1547	1552	rBV7	934	1865	0.28%	0.035%
62	11.408	1554	1559	1560	rBV5	1801	2207	0.34%	0.042%
63	11.512	1572	1576	1588	rVB8	5022	14267	2.17%	0.269%
64	11.634	1589	1596	1603	rVB	52791	88874	13.51%	1.677%
65	12.134	1675	1678	1682	rBV5	910	1476	0.22%	0.028%
66	12.256	1692	1698	1701	rBV7	2167	4542	0.69%	0.086%
67	12.304	1704	1706	1708	rBV3	1025	1084	0.16%	0.020%
68	12.432	1714	1727	1735	rBV5	11551	60261	9.16%	1.137%
69	12.603	1751	1755	1760	rVB4	10537	17817	2.71%	0.336%
70	12.695	1764	1770	1777	rVB	46446	82002	12.46%	1.547%
71	12.890	1789	1802	1825	rVB5	42202	279128	42.42%	5.266%
72	13.133	1839	1842	1845	rBV5	2542	3962	0.60%	0.075%
73	13.329	1858	1874	1886	rBV2	47578	237038	36.02%	4.472%
74	13.469	1886	1897	1907	rVV3	32456	148274	22.53%	2.797%
75	13.554	1907	1911	1917	rVB	15554	26624	4.05%	0.502%
76	13.859	1955	1961	1968	rBV2	14365	40360	6.13%	0.761%

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 Title : SFAM01.0

77	13.969	1974	1979	1987	rVB4	13381	34966	5.31%	0.660%
78	14.200	2013	2017	2022	rVB3	4882	8690	1.32%	0.164%
79	14.310	2022	2035	2043	rBV6	14201	65288	9.92%	1.232%
80	14.389	2044	2048	2050	rBV4	6376	9165	1.39%	0.173%
81	14.456	2056	2059	2062	rVB	9545	12297	1.87%	0.232%
82	14.493	2062	2065	2069	rVB5	5811	6950	1.06%	0.131%
83	14.688	2093	2097	2102	rBV4	6353	10715	1.63%	0.202%
84	14.786	2107	2113	2119	rVV5	20143	56401	8.57%	1.064%
85	14.847	2119	2123	2130	rVB3	11545	26470	4.02%	0.499%
86	15.072	2153	2160	2170	rBV4	35346	114445	17.39%	2.159%
87	15.164	2170	2175	2183	rVB6	16330	39422	5.99%	0.744%
88	15.322	2196	2201	2210	rBV3	17219	33507	5.09%	0.632%
89	15.438	2212	2220	2221	rVV3	16561	36371	5.53%	0.686%
90	15.487	2222	2228	2241	rVB7	37361	129433	19.67%	2.442%
91	15.627	2242	2251	2263	rVB4	35237	137087	20.83%	2.586%
92	15.718	2263	2266	2273	rVB5	8885	15209	2.31%	0.287%
93	15.816	2277	2282	2286	rBV4	8442	19579	2.98%	0.369%
94	15.944	2298	2303	2310	rVB3	17151	35852	5.45%	0.676%
95	16.127	2328	2333	2343	rVB3	19304	64486	9.80%	1.217%
96	16.212	2344	2347	2354	rVB6	10201	17747	2.70%	0.335%
97	16.279	2354	2358	2363	rBV3	10589	19619	2.98%	0.370%
98	16.371	2364	2373	2376	rBV8	10495	33131	5.03%	0.625%
99	16.438	2377	2384	2396	rVB2	61274	171198	26.02%	3.230%
100	16.639	2410	2417	2428	rVB3	34635	99754	15.16%	1.882%

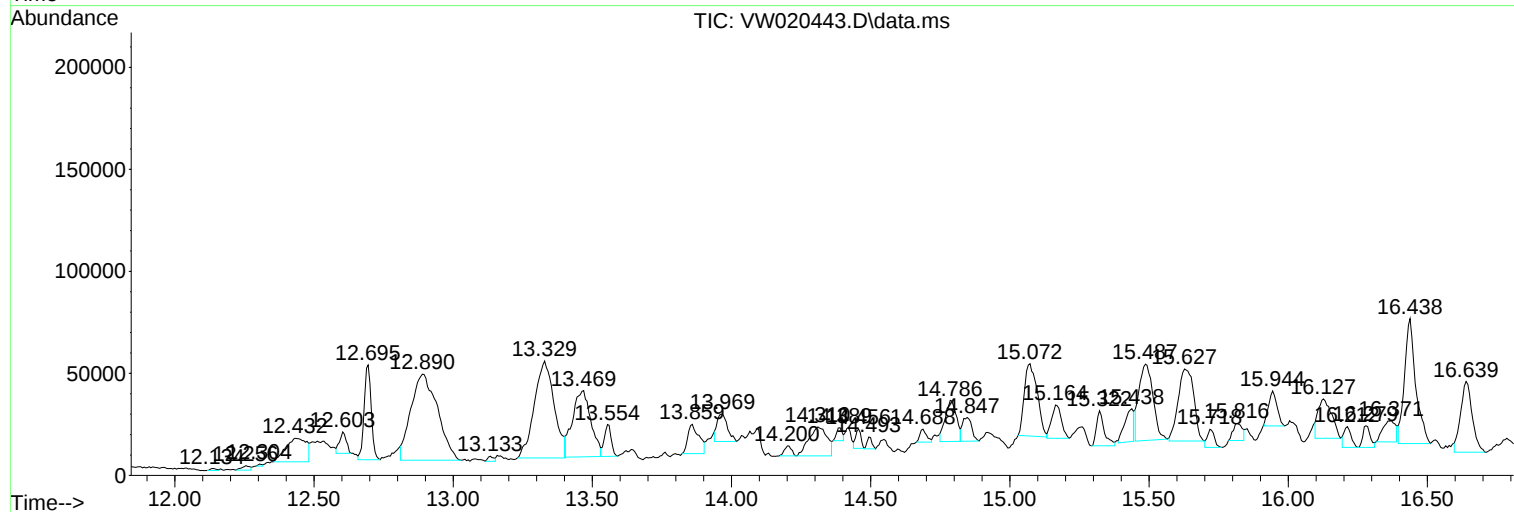
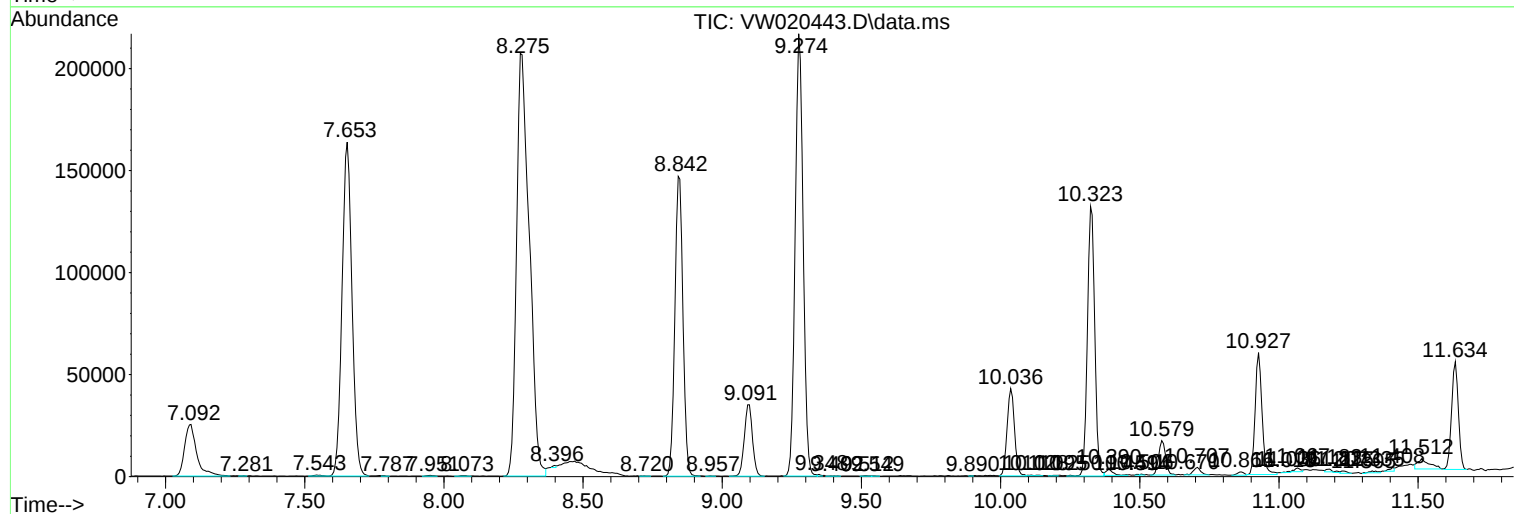
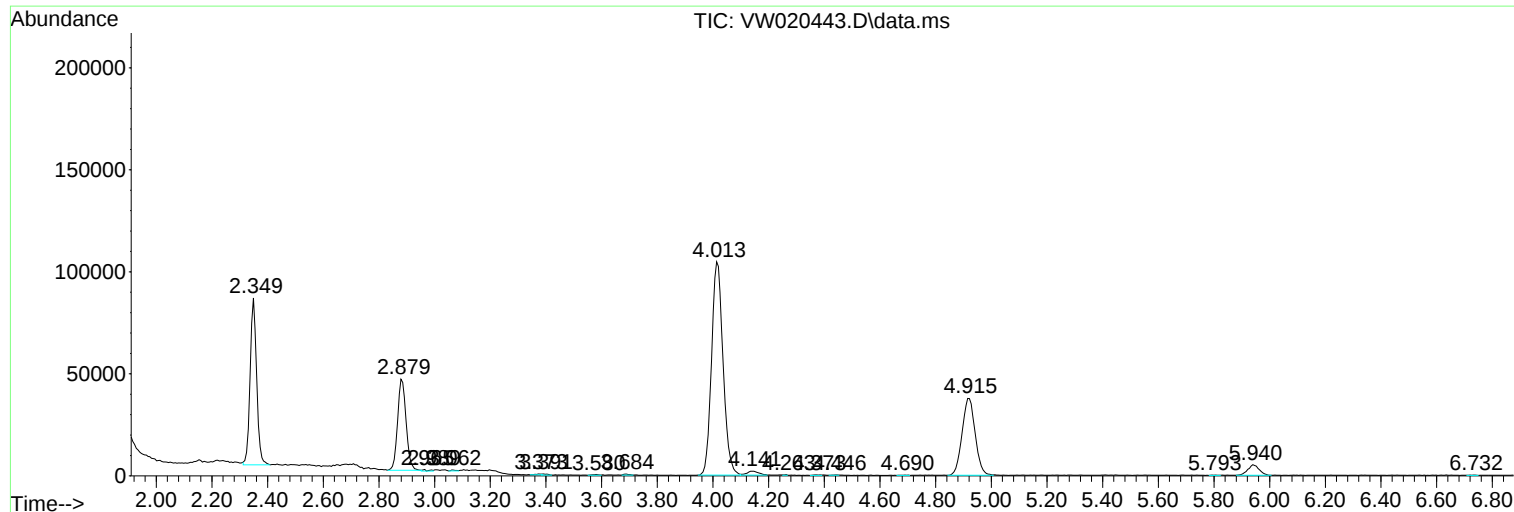
Sum of corrected areas: 5300900

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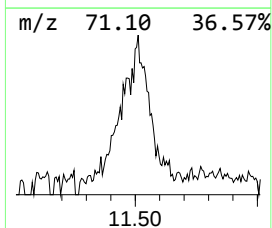
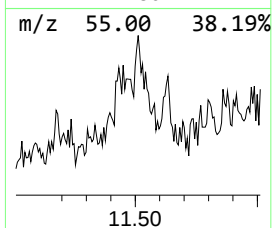
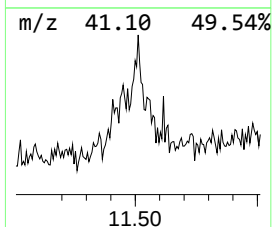
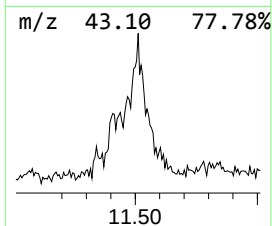
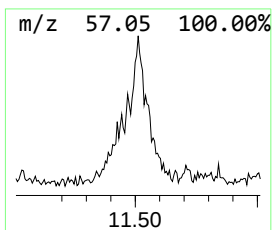
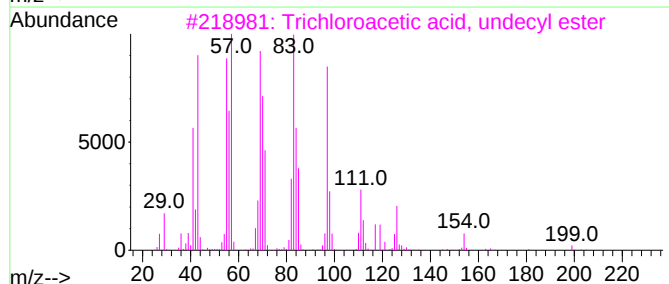
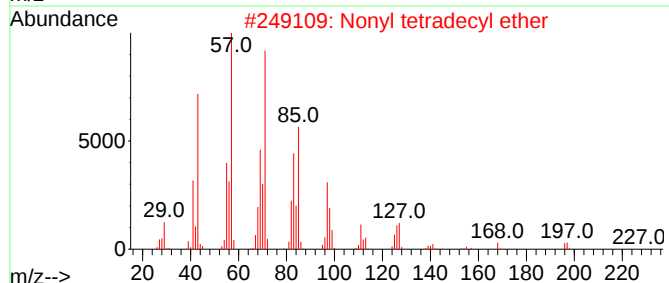
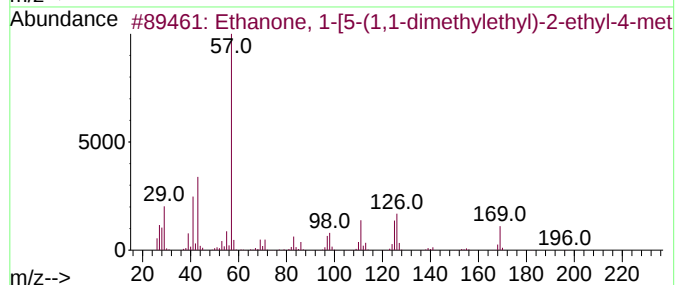
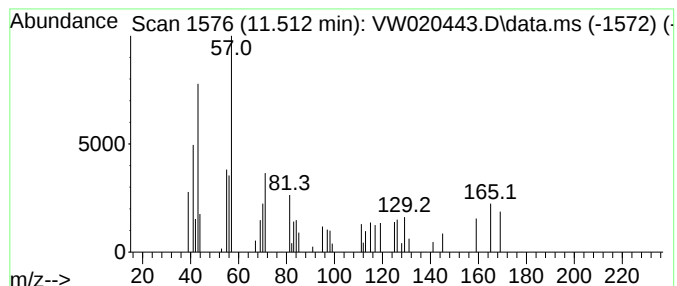
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	4.01 ug/L	14267	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-[5-(1,1-dimethylethy...	212	C11H21B03	074646-07-4	22
2			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	14
3			Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	12
4			Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	10
5			10-Methylnonadecane	282	C20H42	056862-62-5	10



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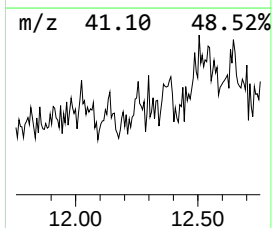
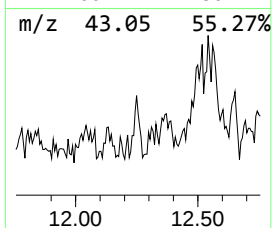
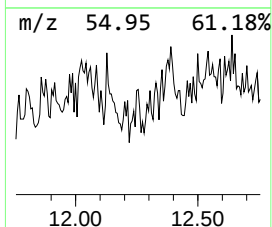
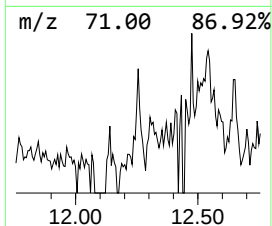
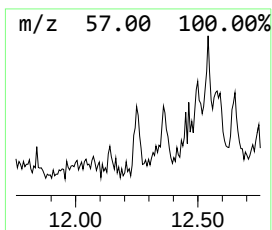
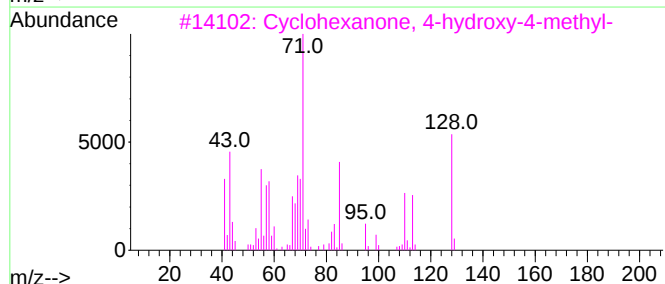
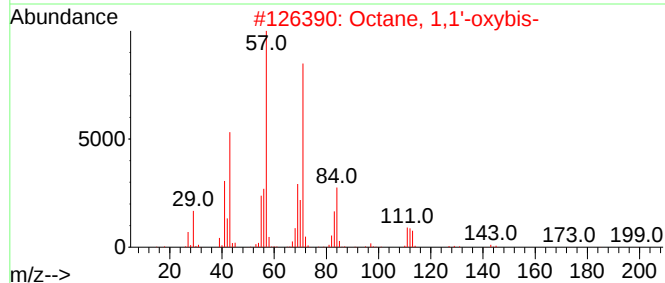
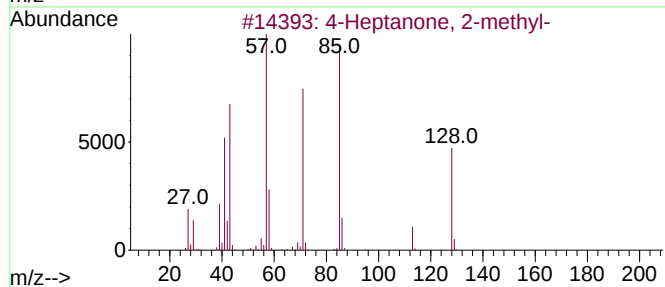
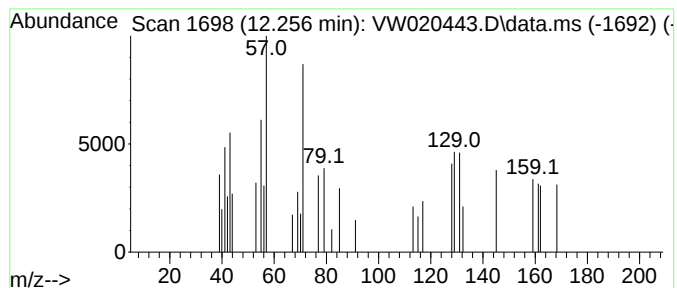
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-02 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.256	1.28 ug/L	4542	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	16
2			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	10
3			Cyclohexanone, 4-hydroxy-4-methyl-	128	C7H12O2	017429-02-6	10
4			Oxirane, hexyl-	128	C8H16O	002984-50-1	10
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	9



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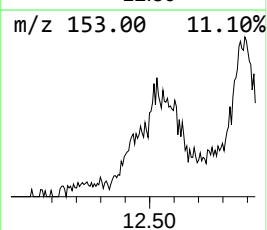
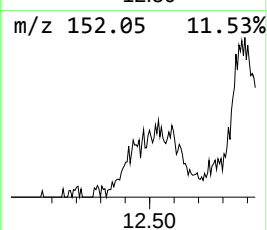
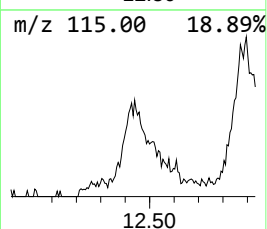
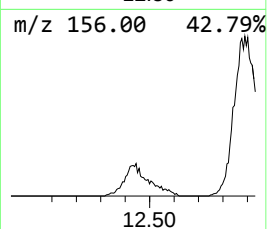
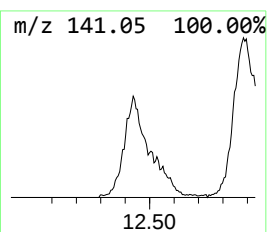
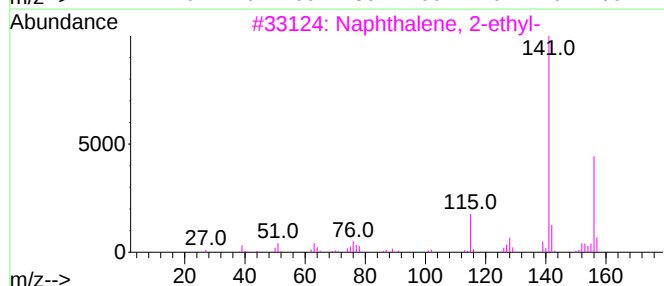
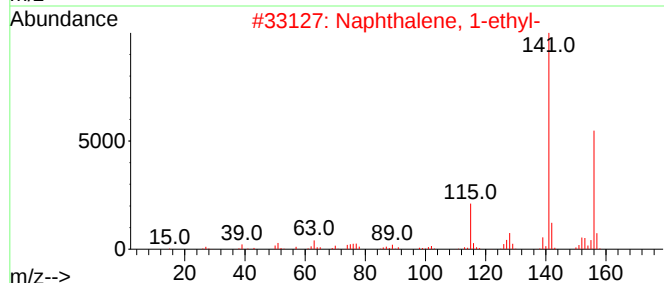
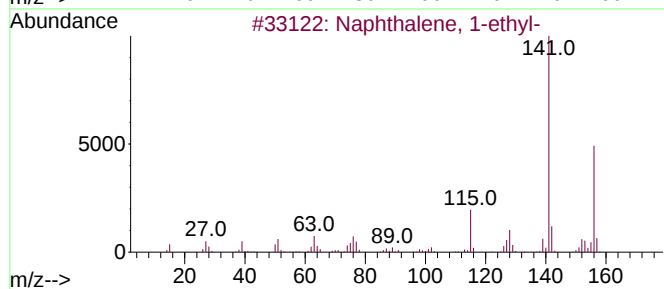
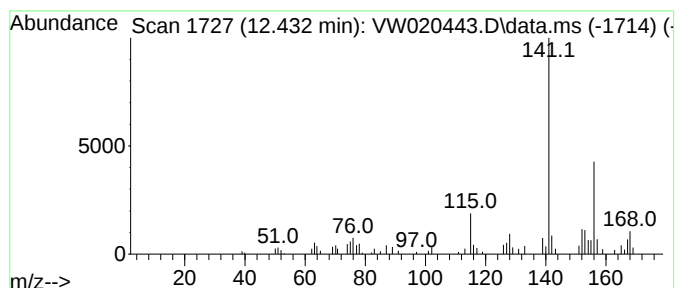
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Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.432	16.95 ug/L	60261	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

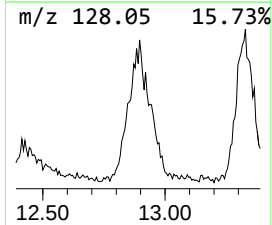
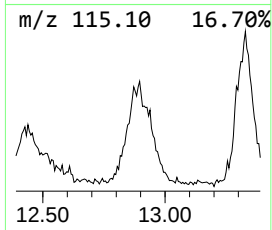
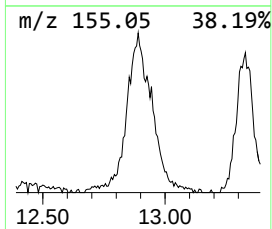
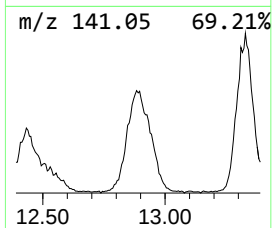
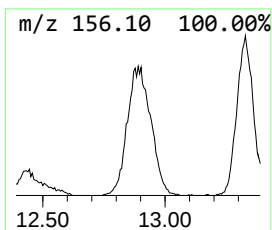
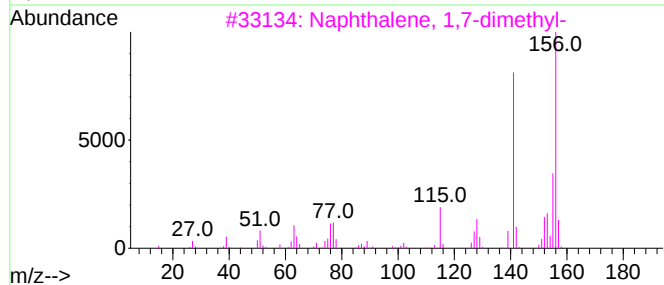
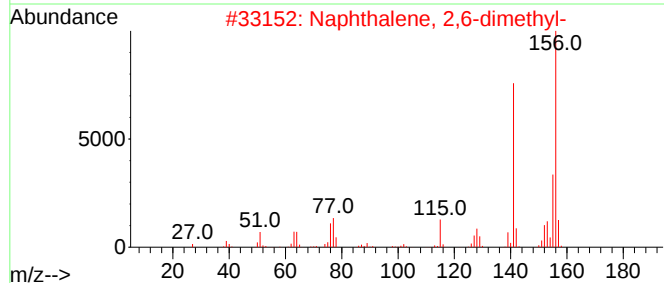
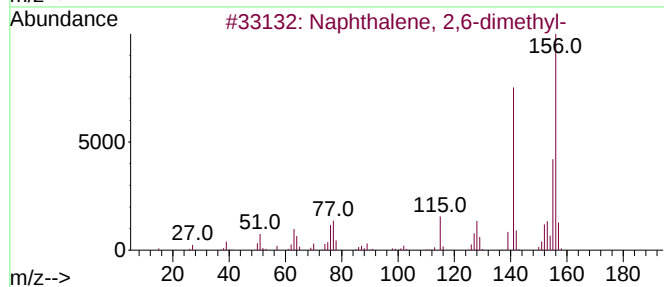
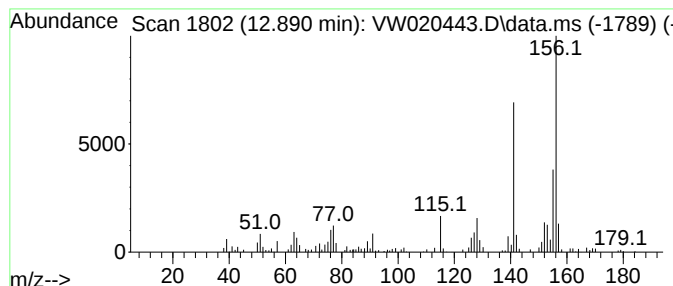
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Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	262.10 ug/L	279128	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	98
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

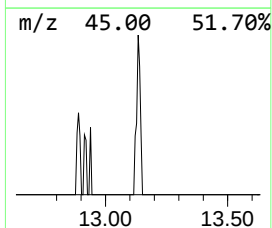
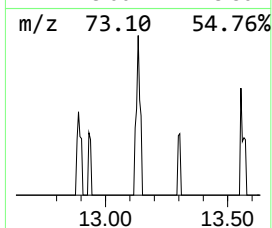
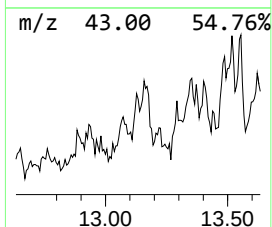
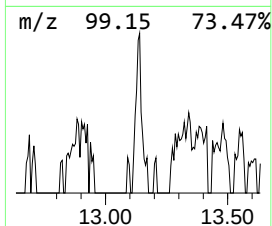
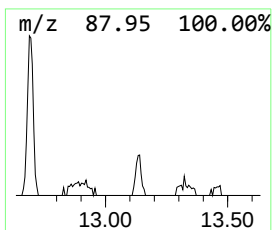
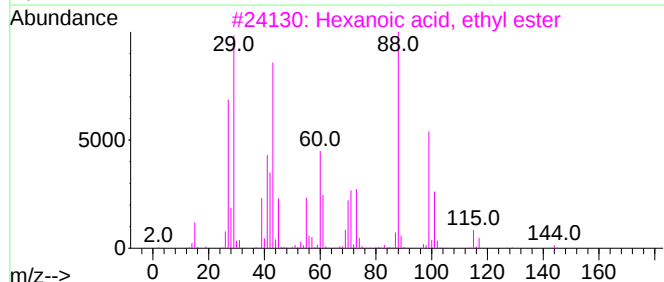
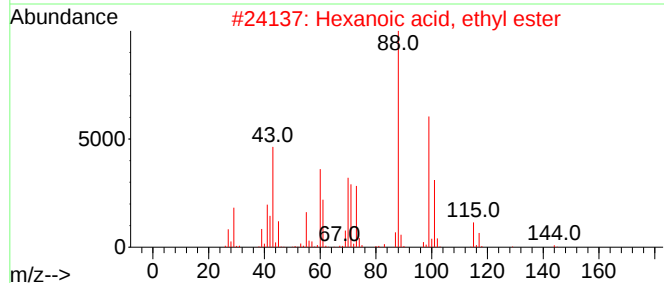
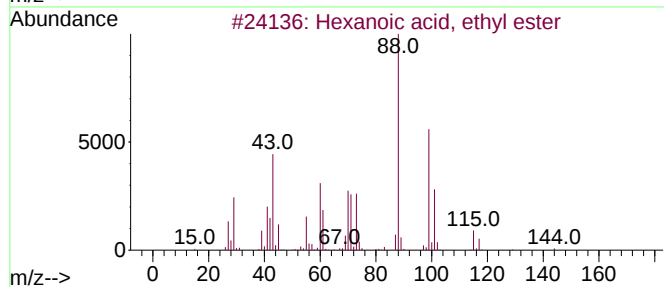
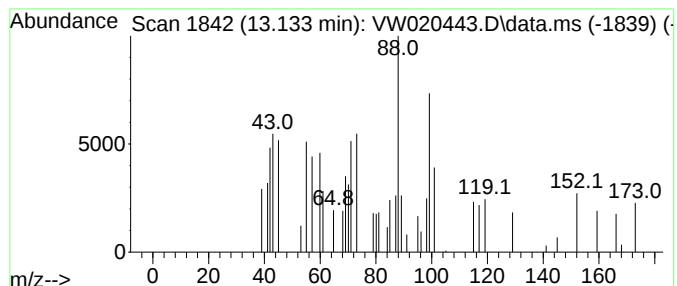
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Quant Title : SFAM01.0

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

Peak Number 8 Hexanoic acid, ethyl ester Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.134	3.72 ug/L	3962	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	53
2			Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	53
3			Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	50
4			Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	47
5			Pentanoic acid, 4-methyl-, ethyl...	144	C8H16O2	025415-67-2	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

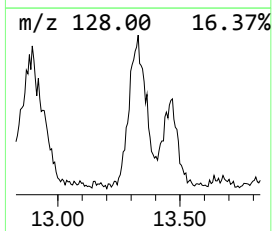
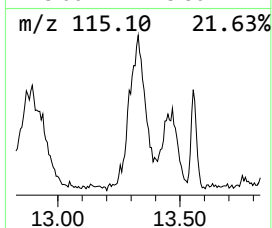
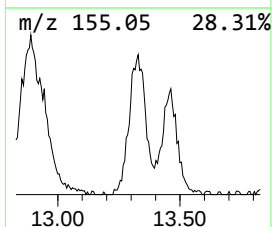
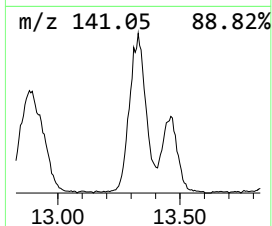
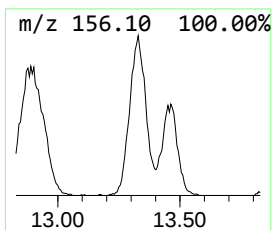
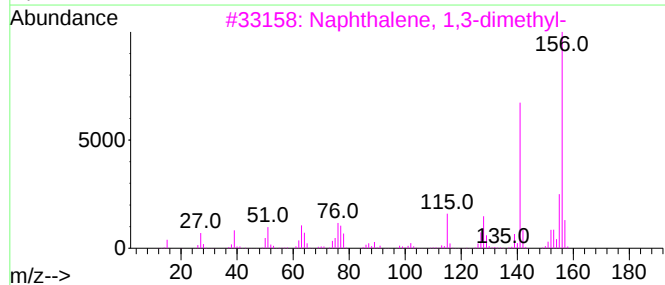
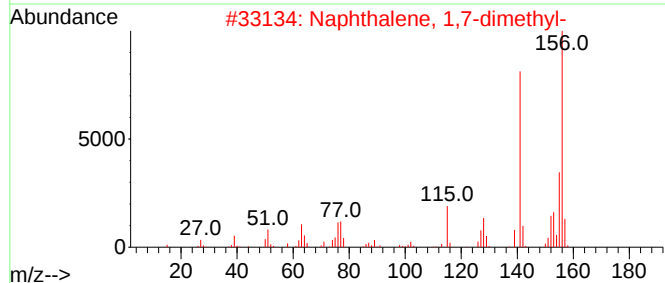
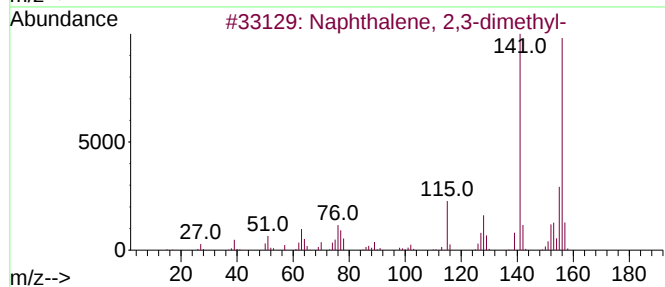
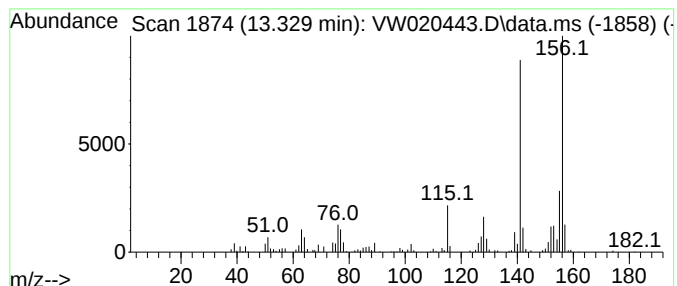
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.329	222.58 ug/L	237038	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, 1,3-dimethyl-	156	C12H12	000575-41-7	98
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

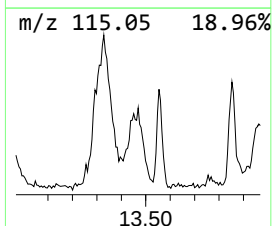
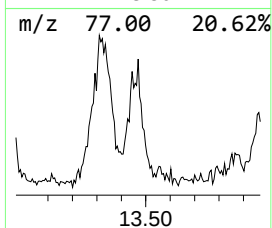
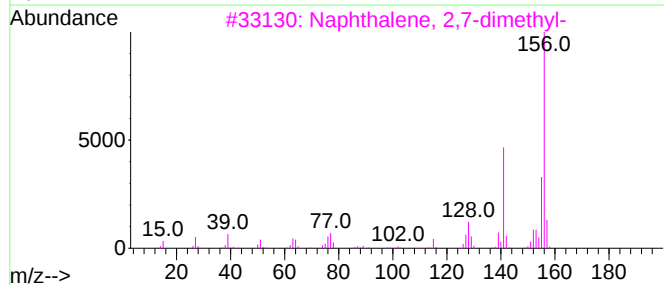
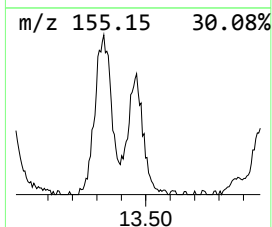
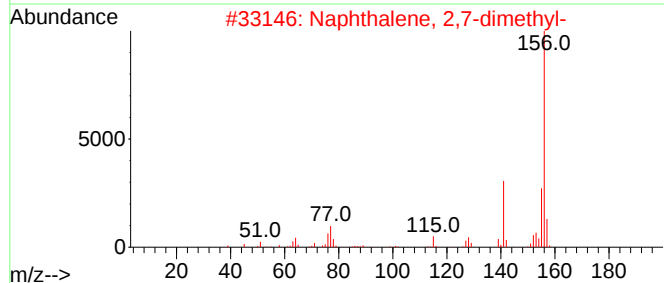
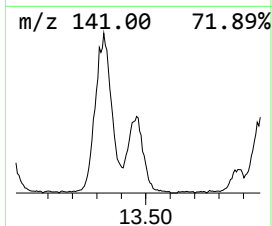
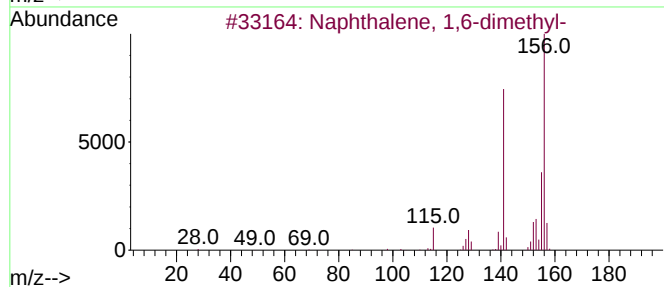
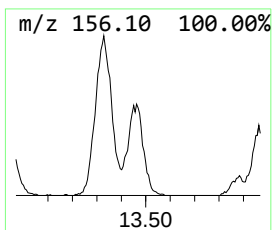
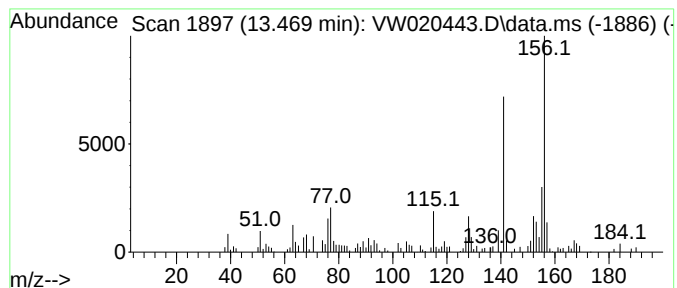
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Quant Title : SFAM01.0

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

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	139.23 ug/L	148274	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	94
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

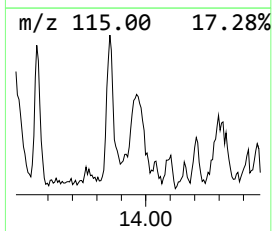
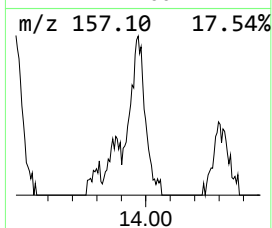
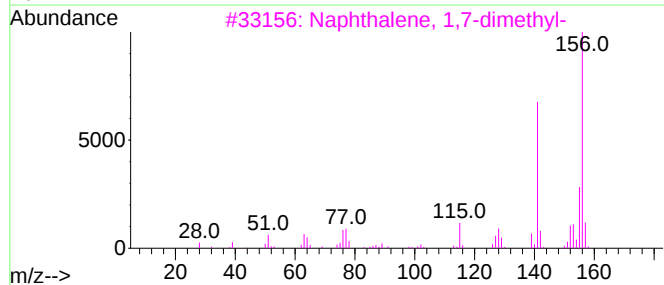
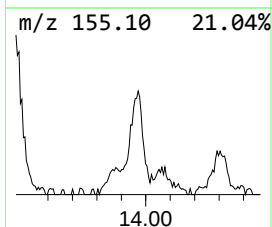
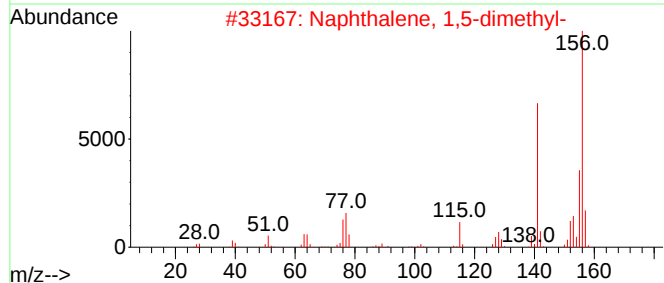
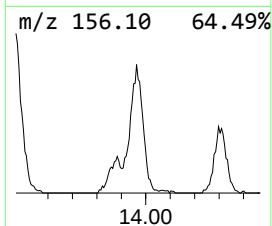
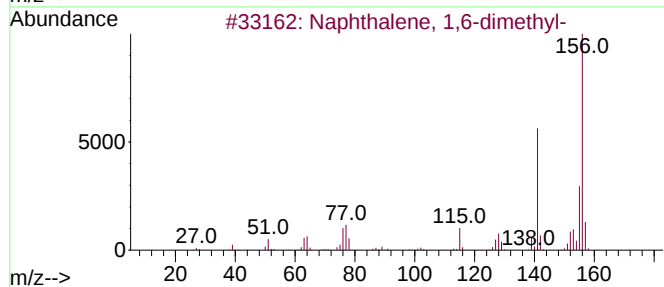
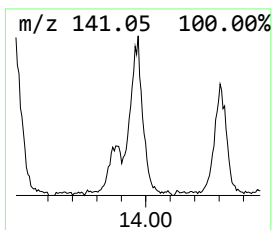
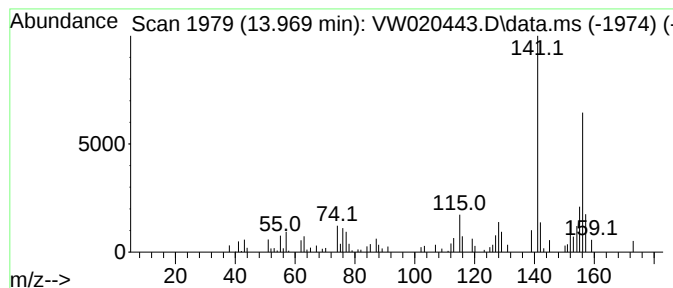
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.969	32.83 ug/L	34966	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	93
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

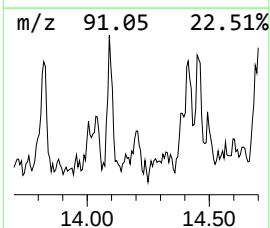
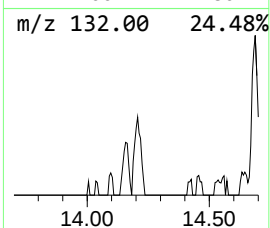
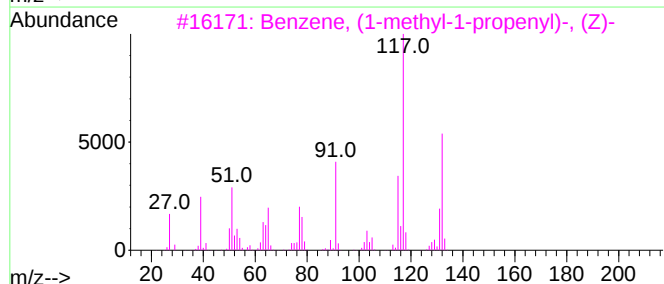
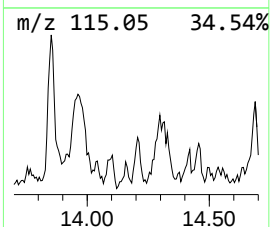
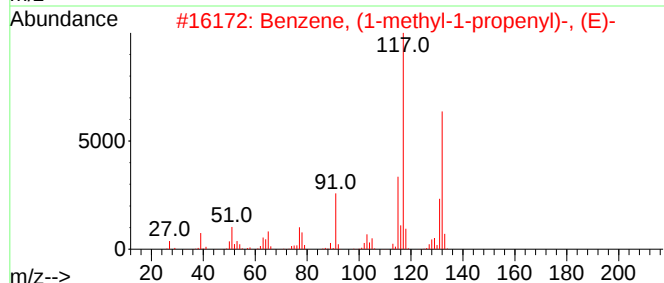
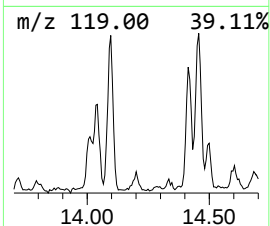
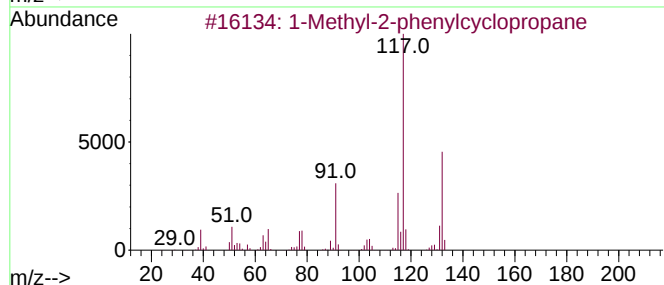
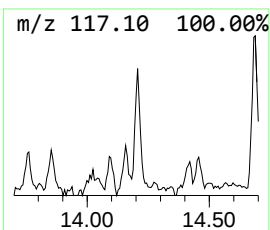
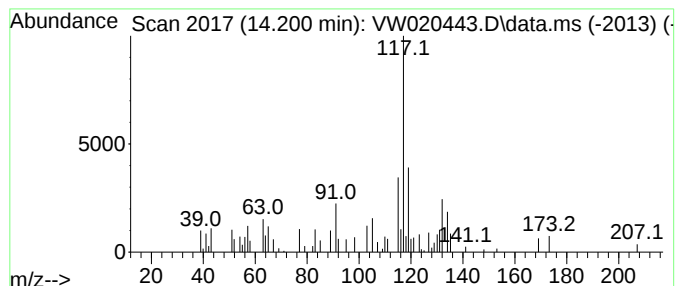
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Quant Title : SFAM01.0

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

Peak Number 12 1-Methyl-2-phenylcyclopropane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	8.16 ug/L	8690	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	62
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

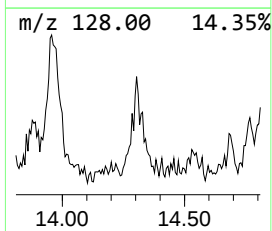
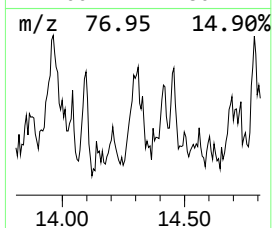
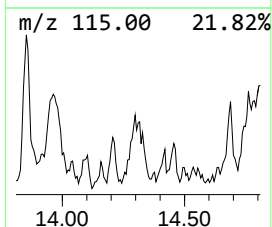
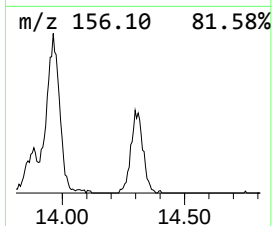
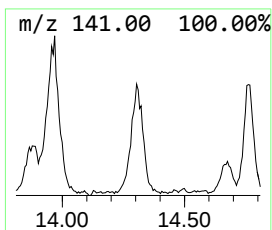
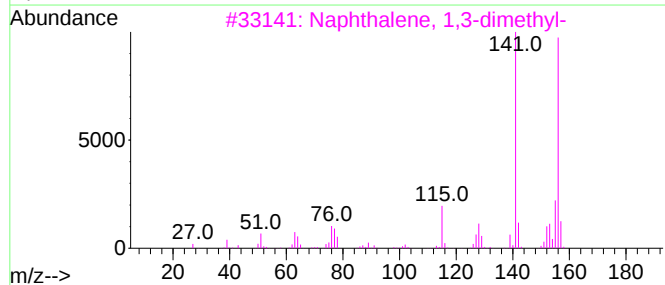
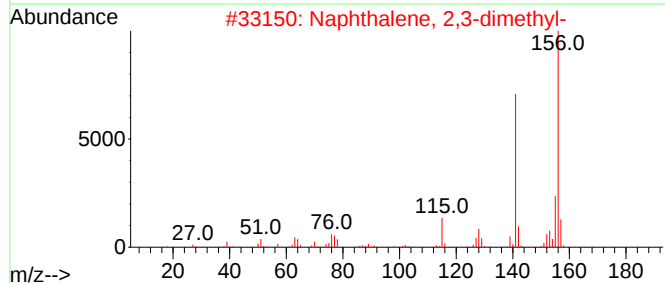
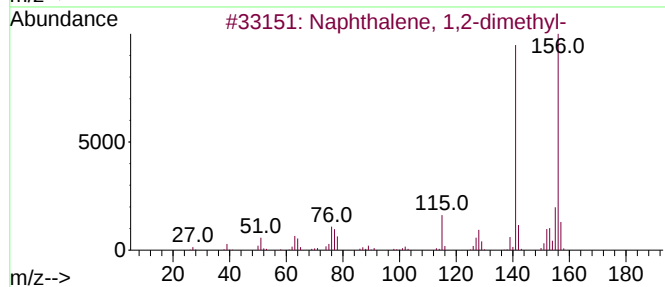
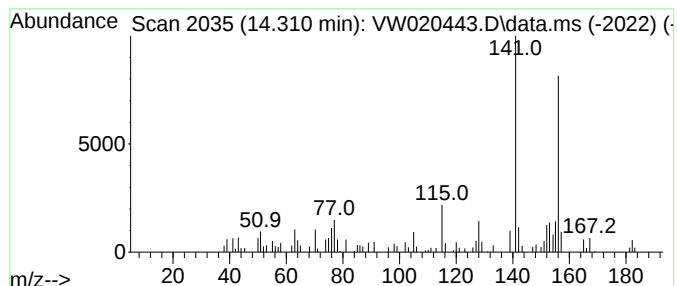
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Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	61.31 ug/L	65288	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

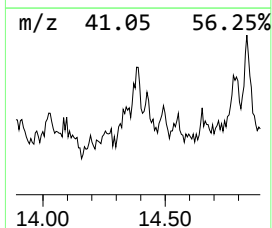
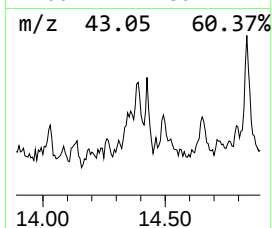
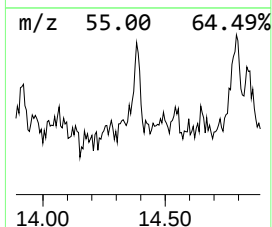
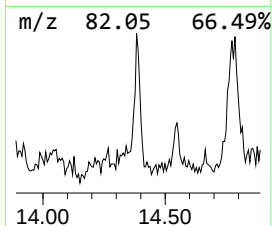
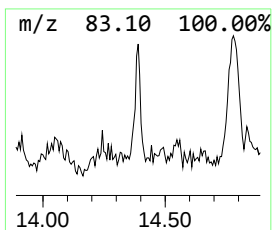
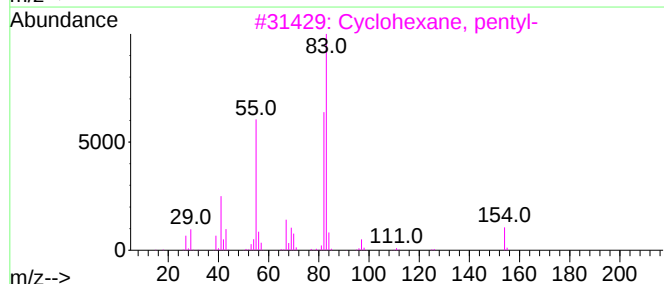
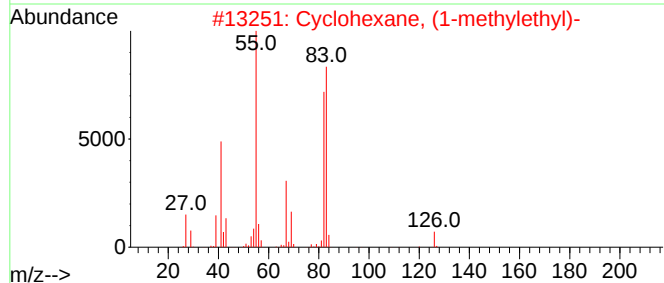
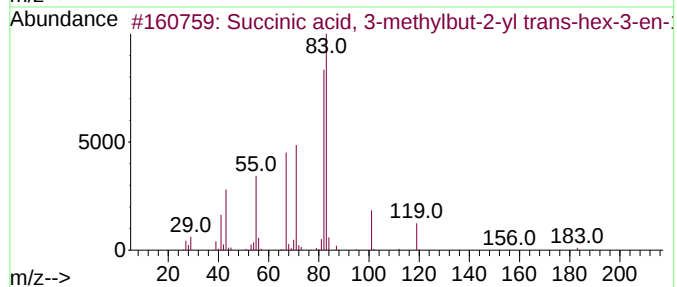
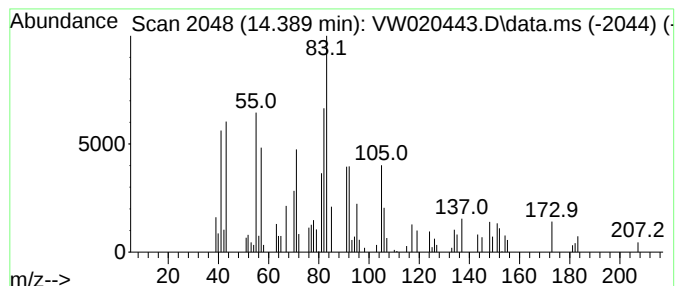
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	8.61 ug/L	9165	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	37
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
4			Decanedinitrile	164	C10H16N2	001871-96-1	27
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

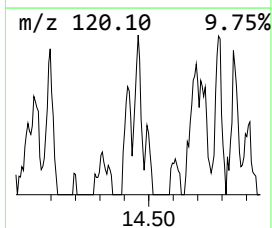
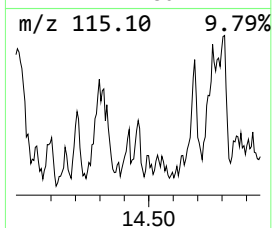
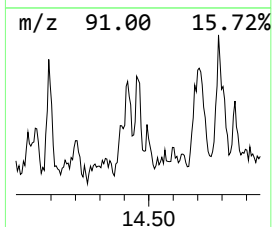
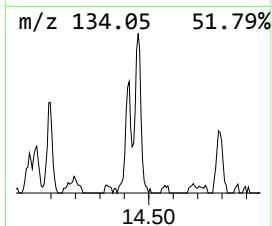
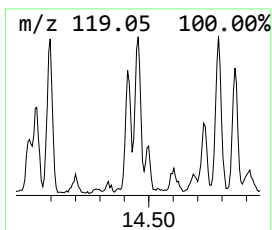
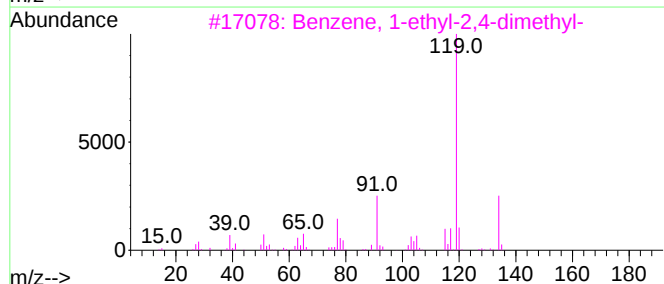
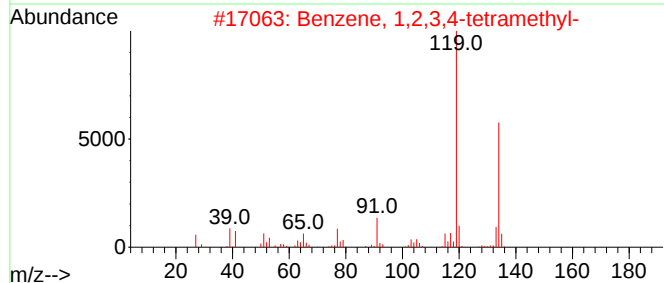
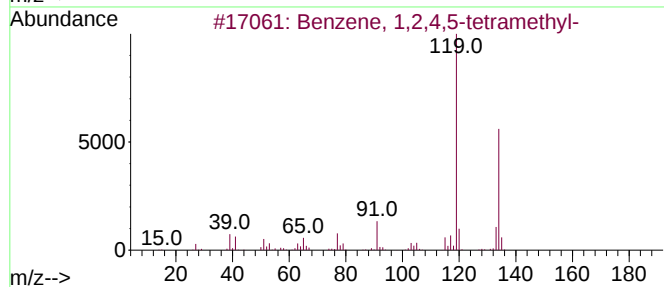
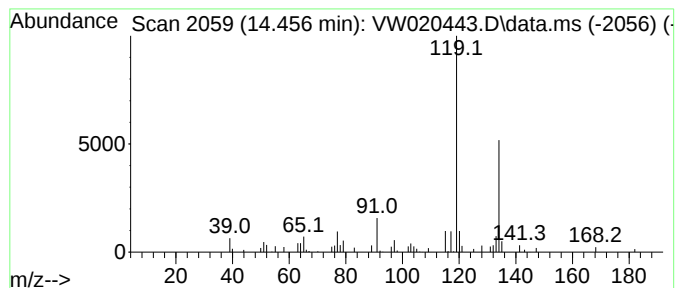
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	11.55 ug/L	12297	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

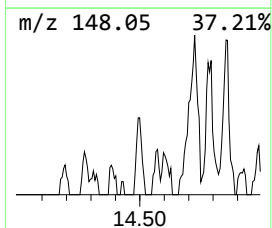
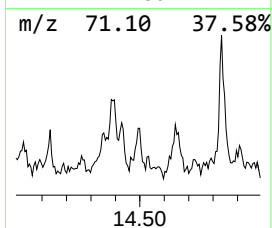
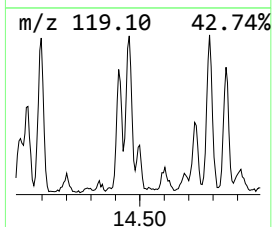
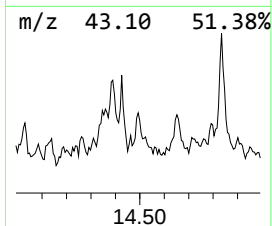
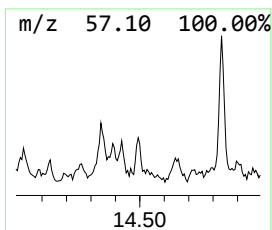
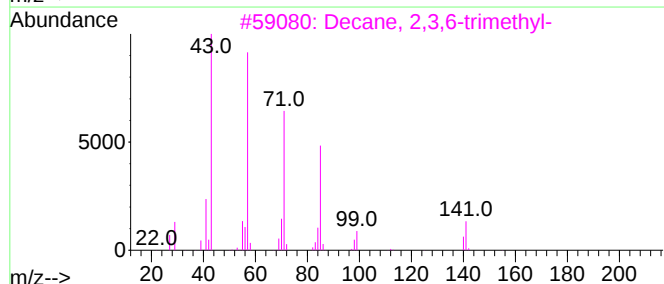
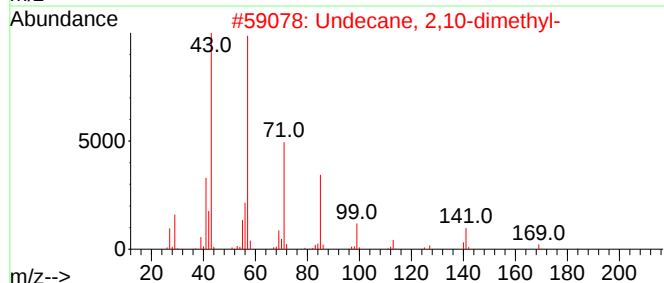
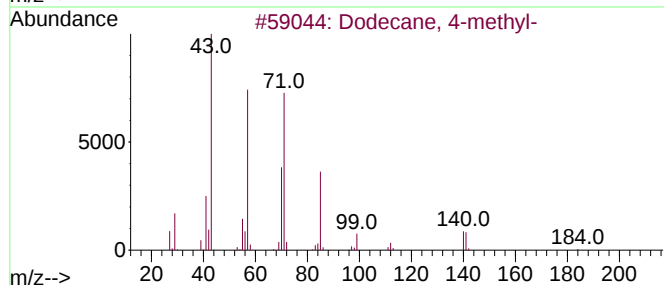
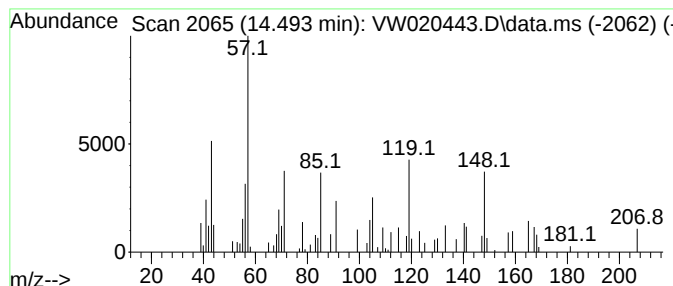
Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

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 16 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.493	6.53 ug/L	6950	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-		184	C13H28	006117-97-1	10
2	Undecane, 2,10-dimethyl-		184	C13H28	017301-27-8	10
3	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	10
4	9-methylheptadecane		254	C18H38	026741-18-4	10
5	Tridecane, 7-propyl-		226	C16H34	055045-09-5	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

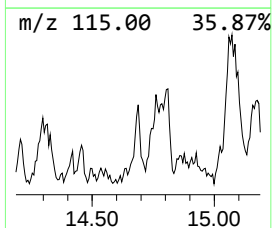
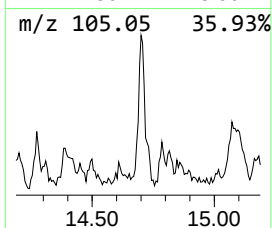
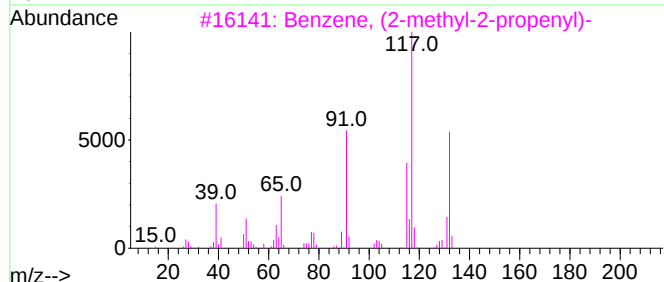
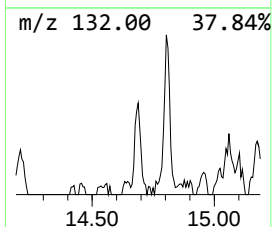
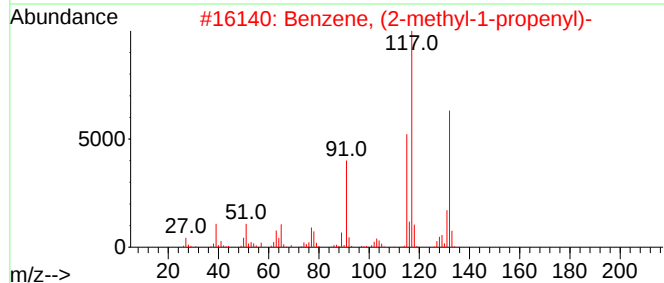
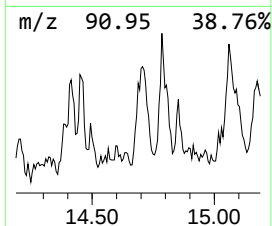
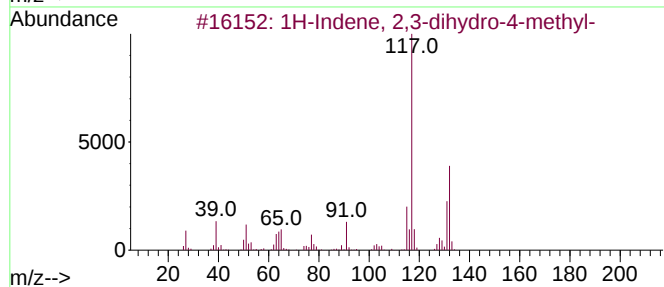
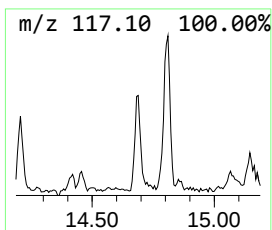
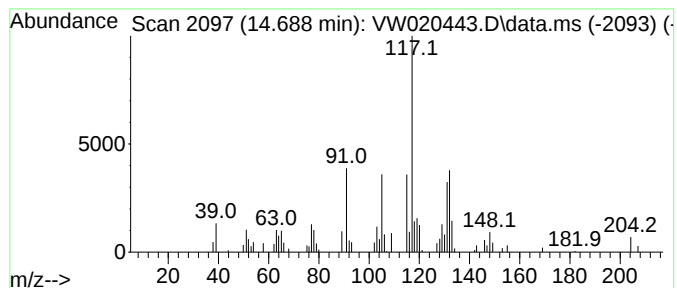
Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

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 17 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.688	10.06 ug/L	10715	1,4-Dichlorobenzene-d4			13.560
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	72
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	70
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	68
5		3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

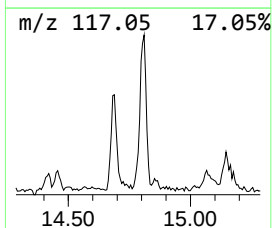
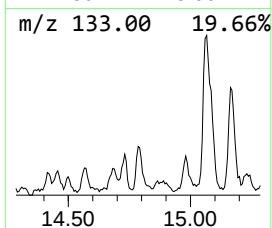
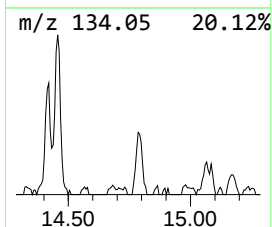
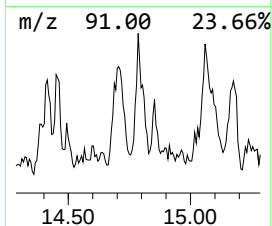
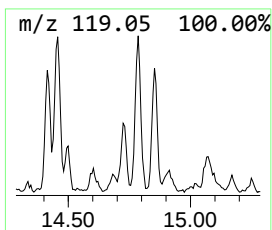
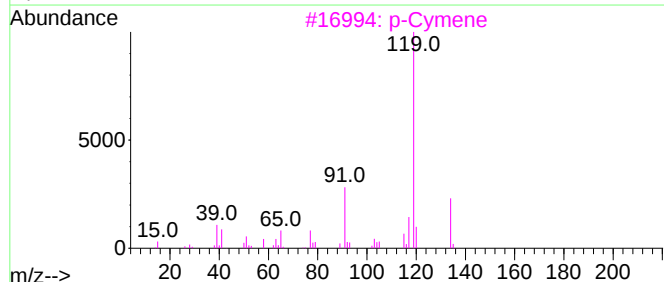
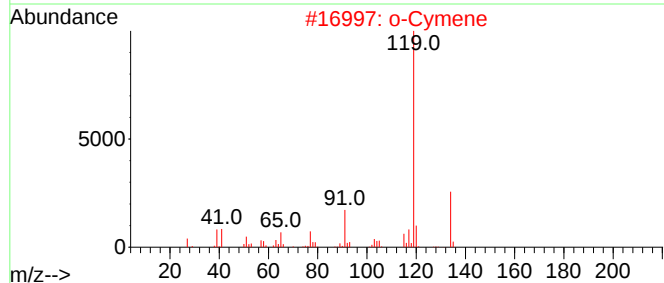
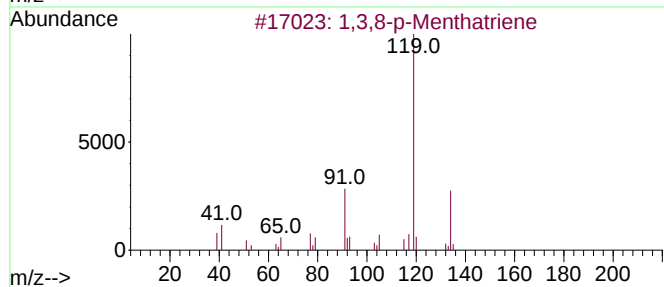
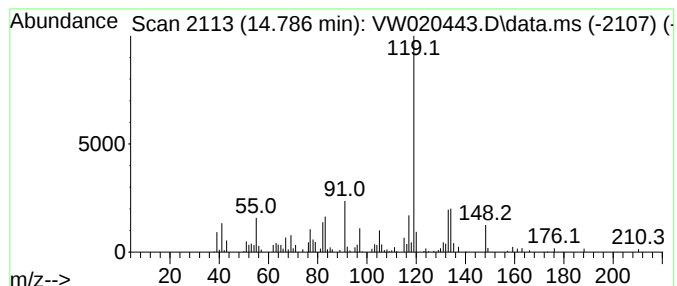
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 1,3,8-p-Menthatriene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.786	52.96 ug/L	56401	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene		134	C10H14	018368-95-1	70
2	o-Cymene		134	C10H14	000527-84-4	70
3	p-Cymene		134	C10H14	000099-87-6	70
4	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	70
5	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

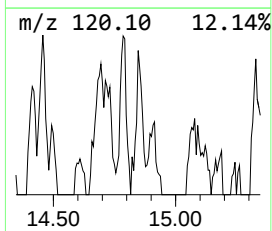
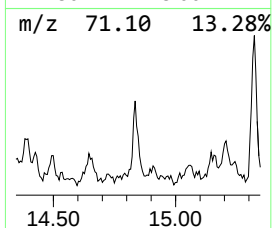
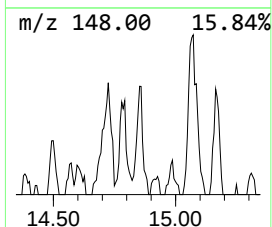
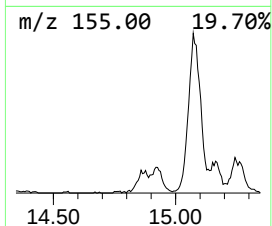
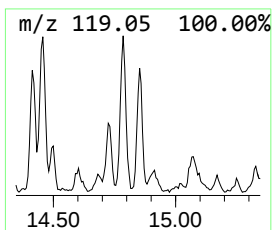
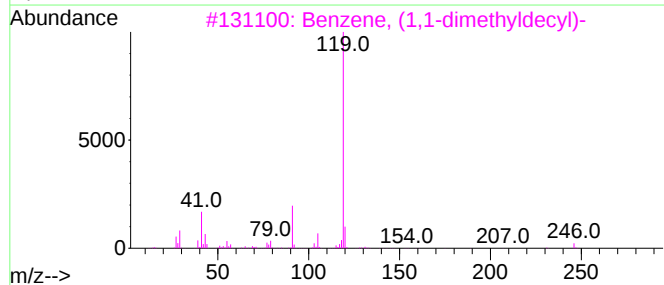
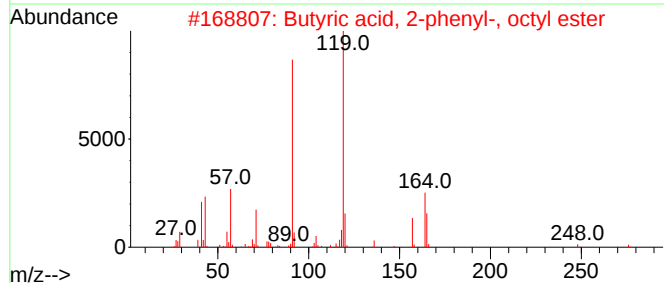
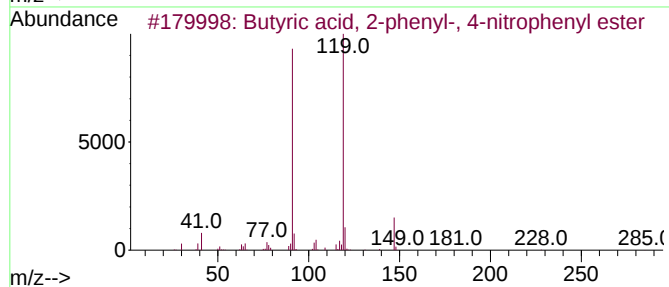
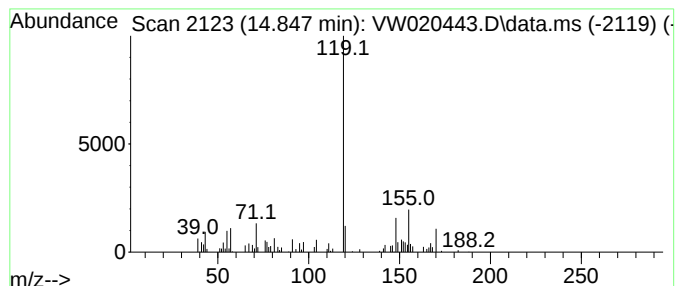
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Quant Title : SFAM01.0

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

Peak Number 19 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	24.86 ug/L	26470	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyric acid, 2-phenyl-, 4-nitro...	285	C16H15NO4	1000406-87-5	38
2			Butyric acid, 2-phenyl-, octyl e...	276	C18H28O2	1000406-01-9	37
3			Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	37
4			Dicumyl peroxide	270	C18H22O2	000080-43-3	37
5			Butyric acid, 2-phenyl-, dodec-2...	330	C22H34O2	1000406-86-7	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

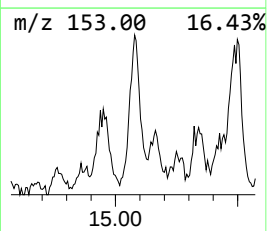
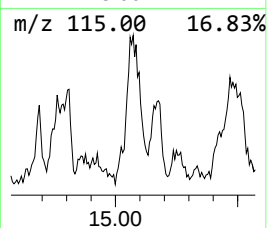
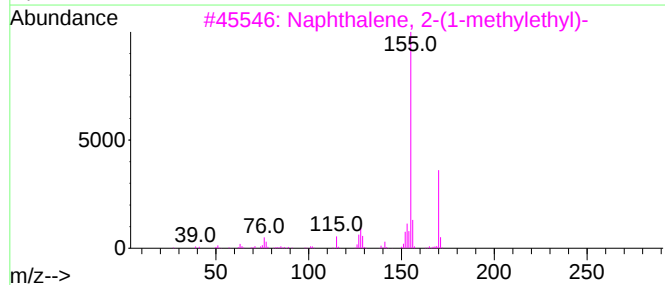
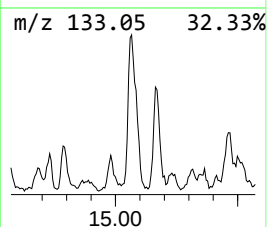
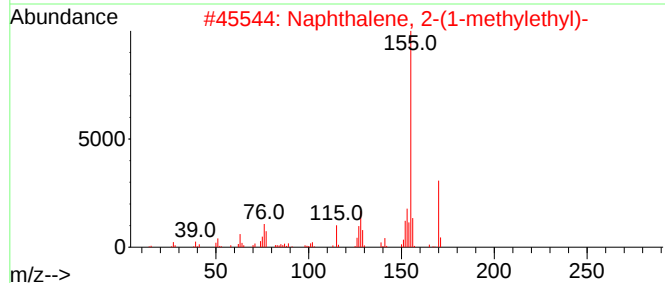
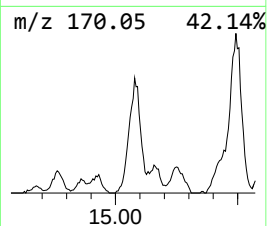
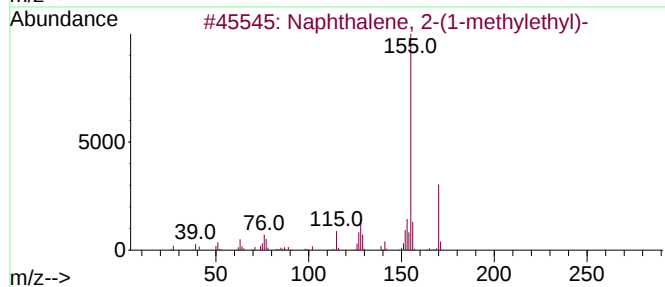
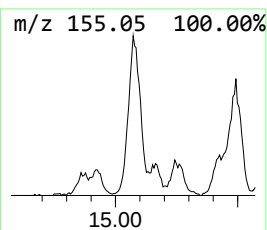
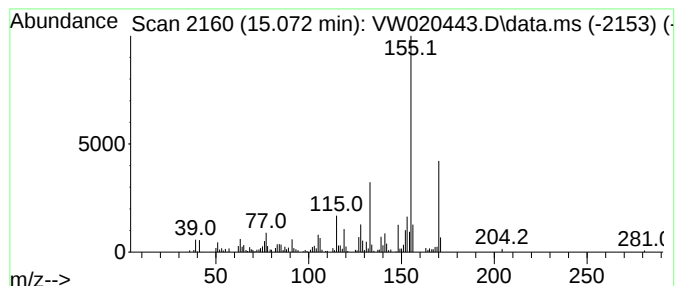
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Quant Title : SFAM01.0

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

Peak Number 20 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.072	107.46 ug/L	114445	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	93
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

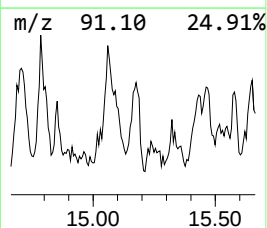
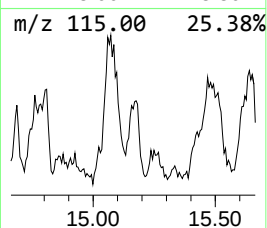
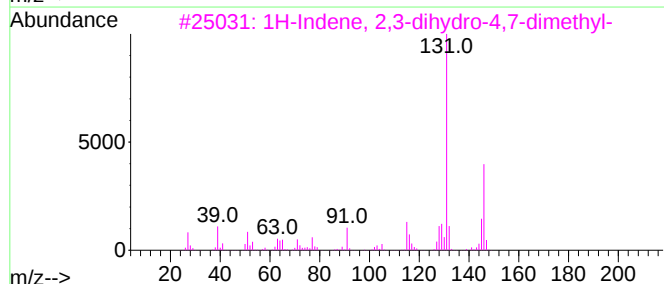
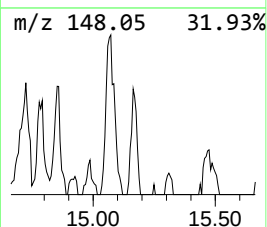
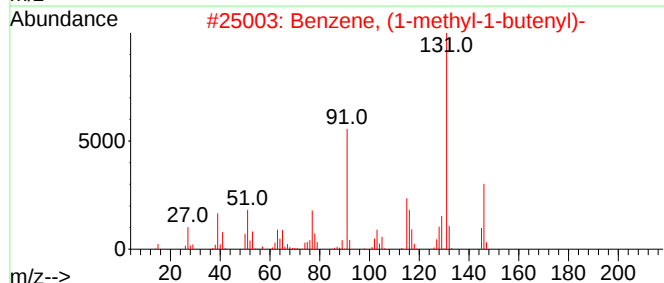
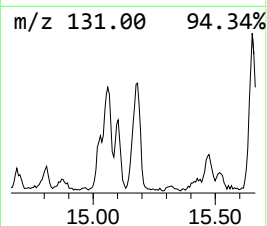
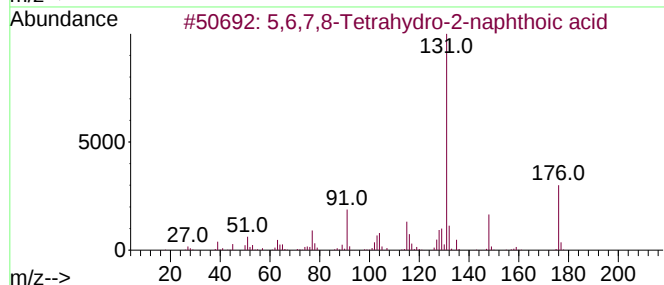
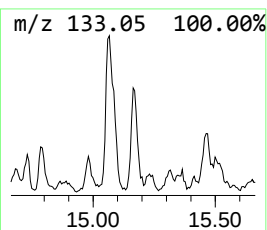
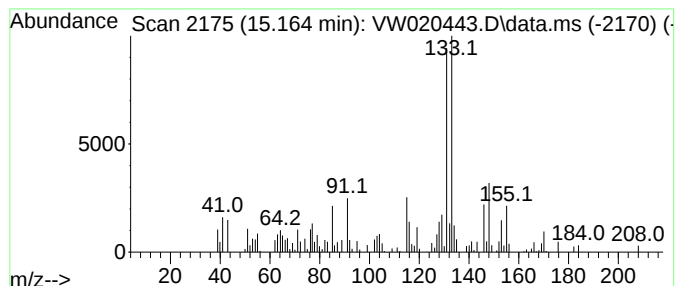
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	37.02 ug/L	39422	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,7,8-Tetrahydro-2-naphthoic acid	176	C11H12O2	001131-63-1	43		
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	38		
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38		
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38		
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	38		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

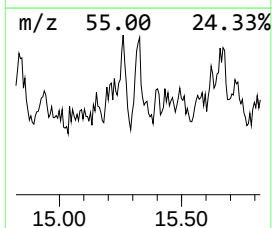
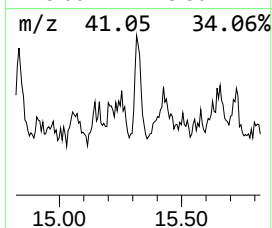
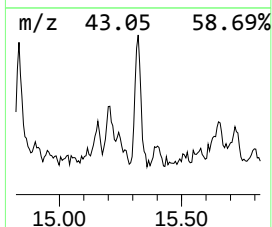
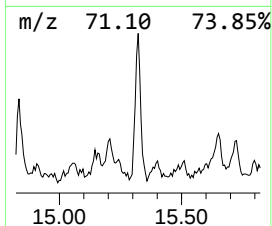
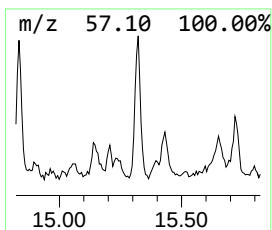
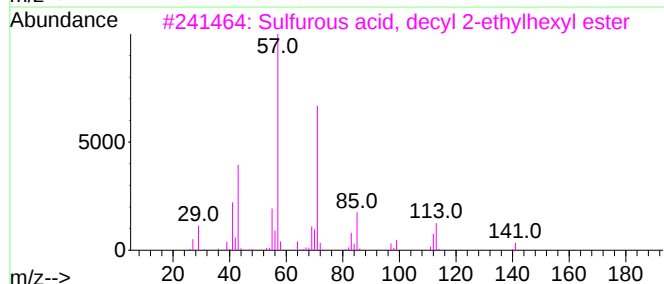
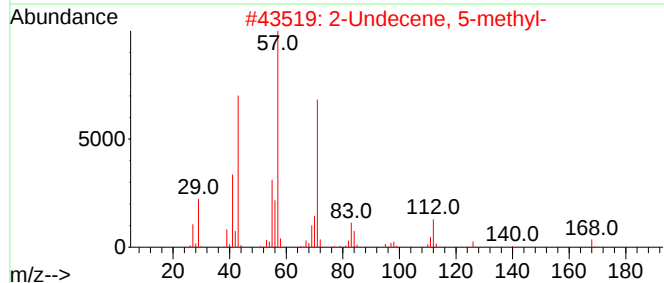
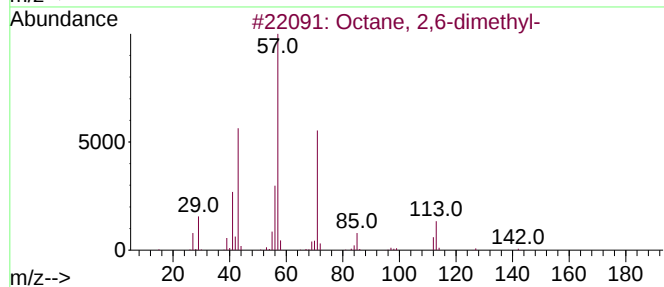
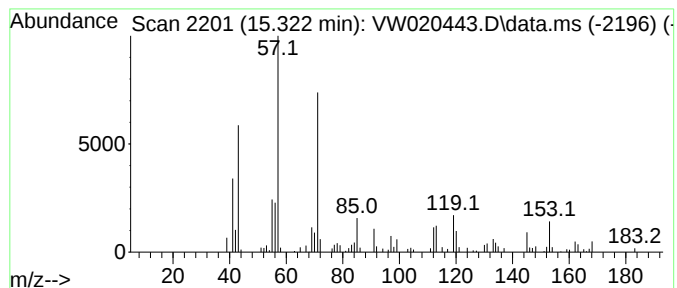
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	31.46 ug/L	33507	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	58
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	58
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

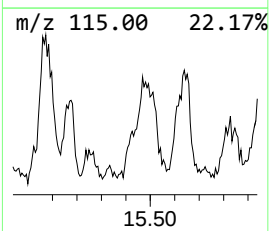
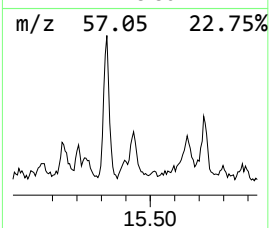
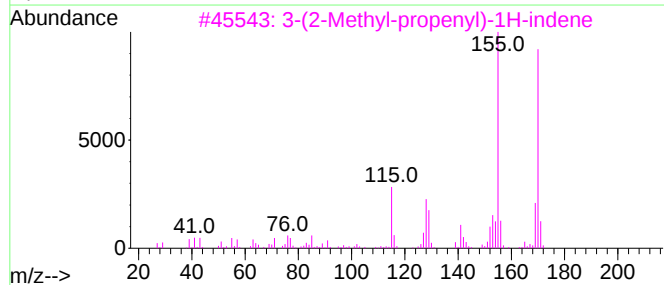
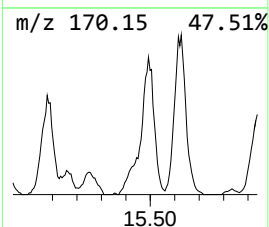
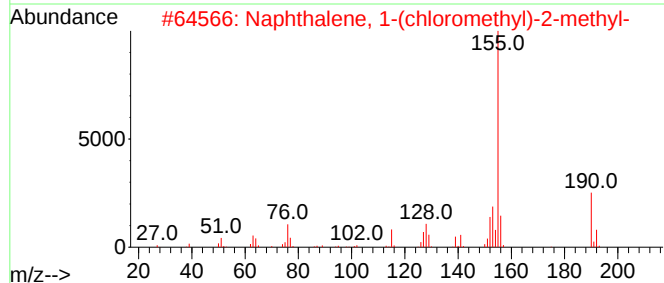
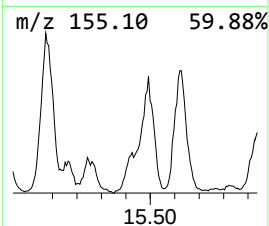
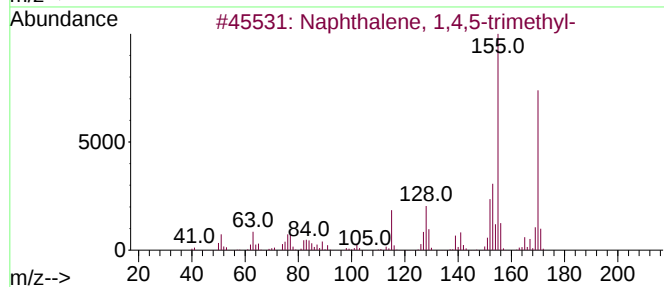
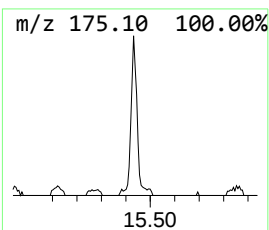
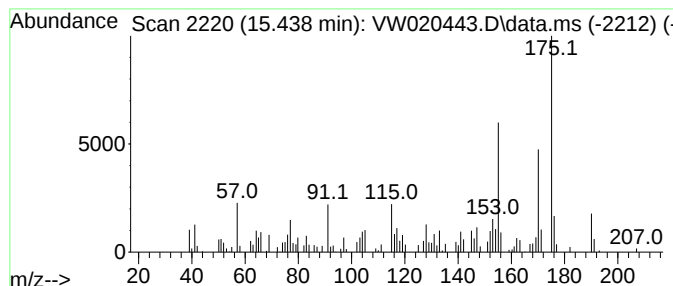
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Quant Title : SFAM01.0

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

Peak Number 23 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.438	34.15 ug/L	36371	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
2			Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	70
3			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5			2,5-Cyclohexadien-1-one, 4,4-dim...	198	C14H14O	055162-56-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

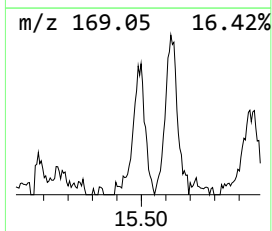
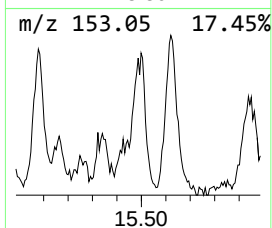
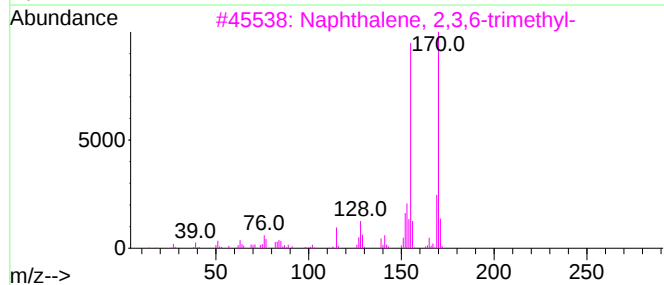
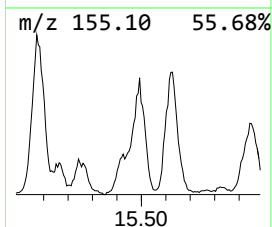
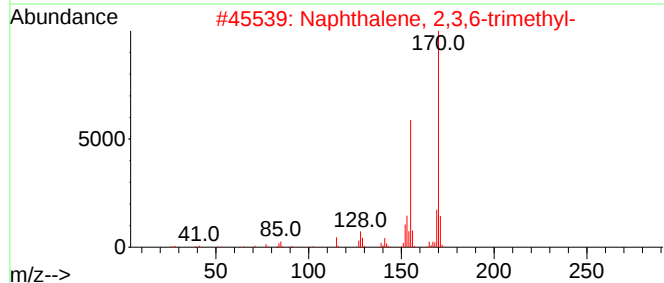
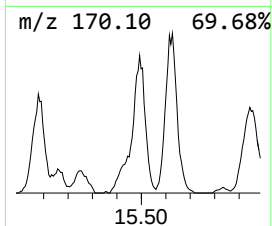
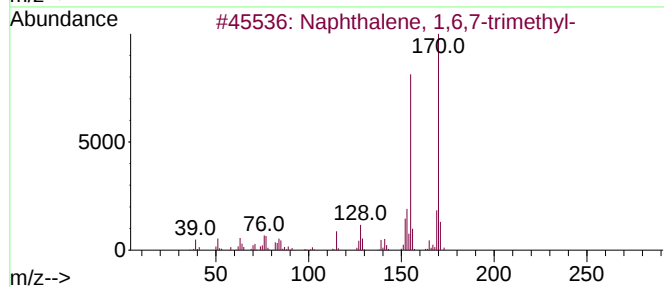
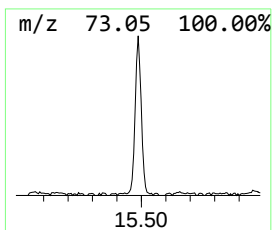
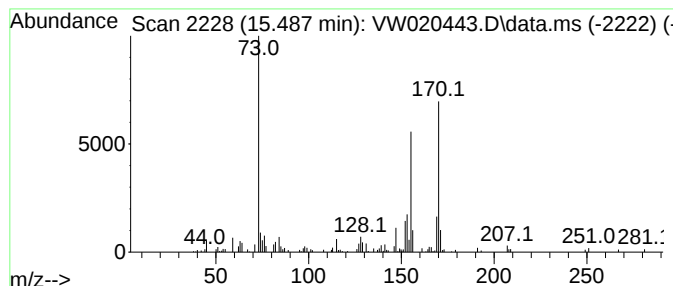
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Quant Title : SFAM01.0

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

Peak Number 24 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.487	121.54 ug/L	129433	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	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

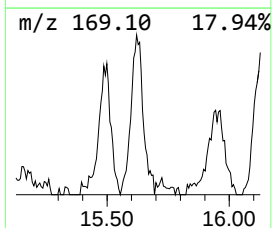
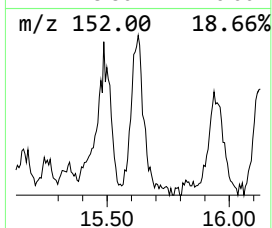
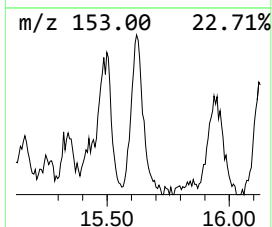
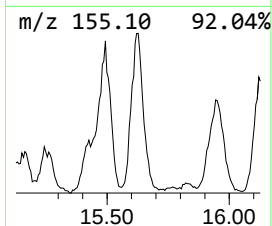
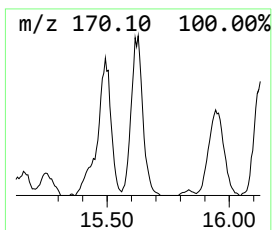
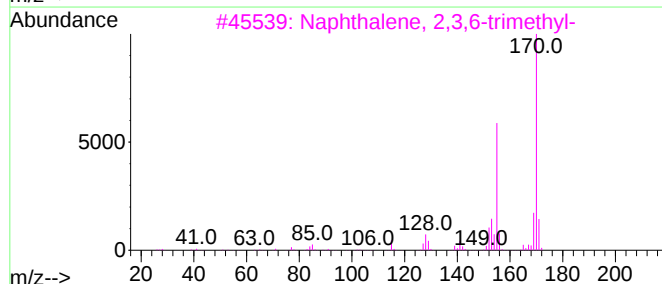
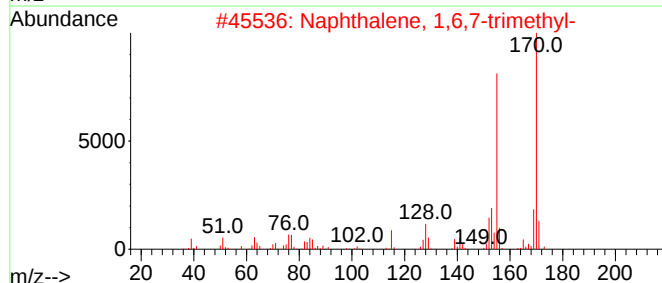
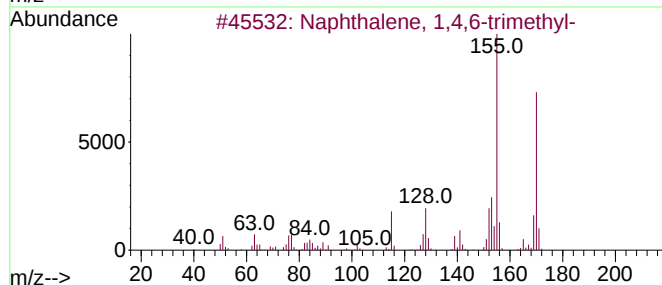
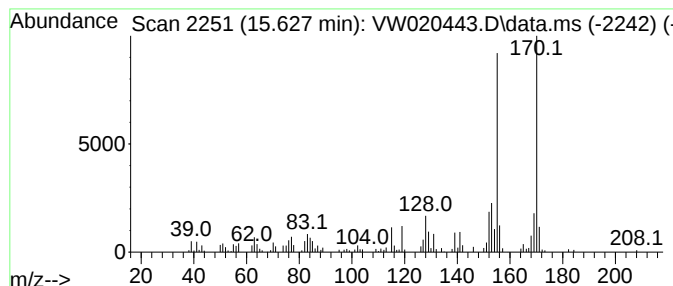
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Quant Title : SFAM01.0

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

Peak Number 25 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	128.72 ug/L	137087	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

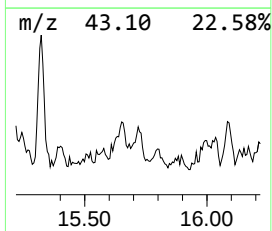
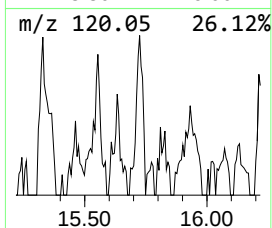
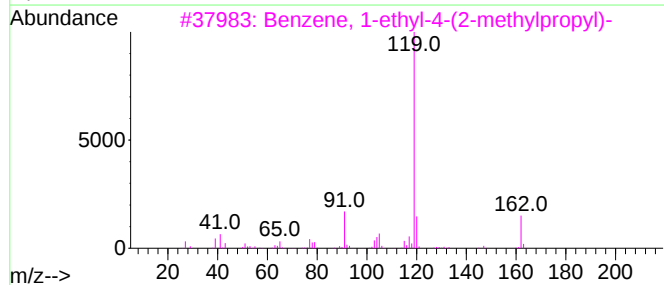
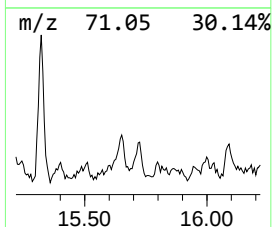
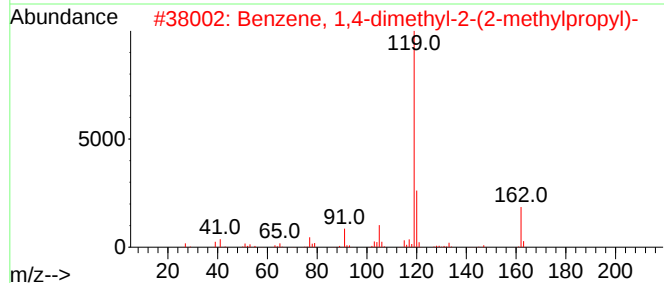
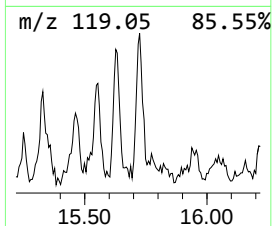
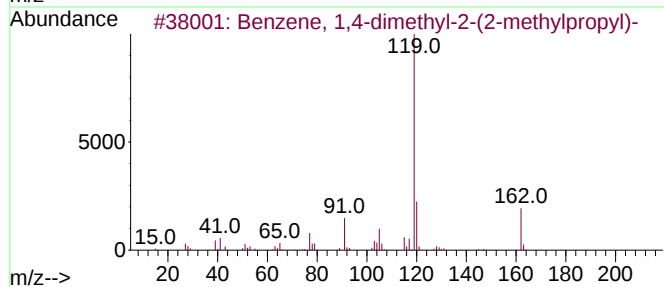
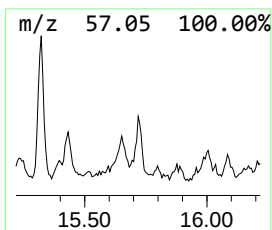
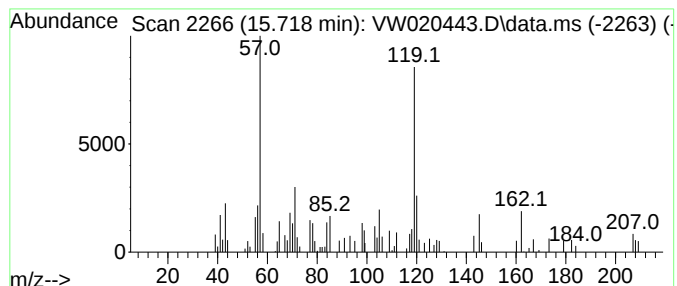
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.718	14.28 ug/L	15209	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
2		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
3		Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	47
4		Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	40
5		3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

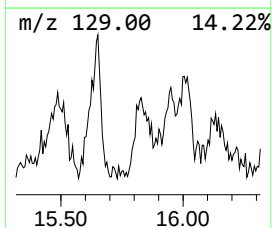
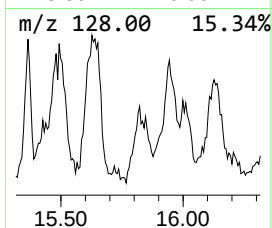
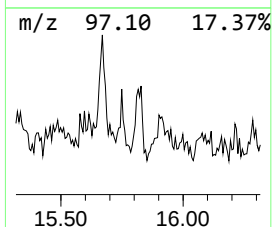
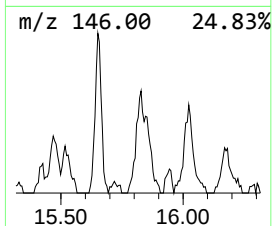
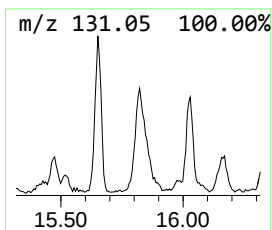
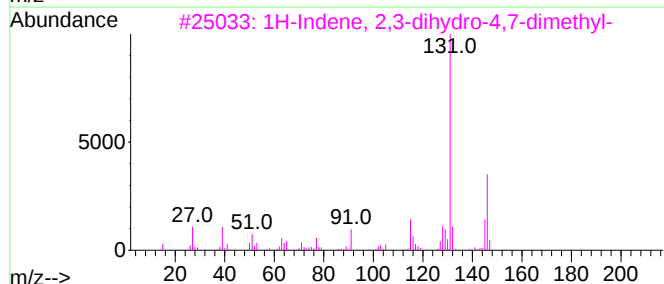
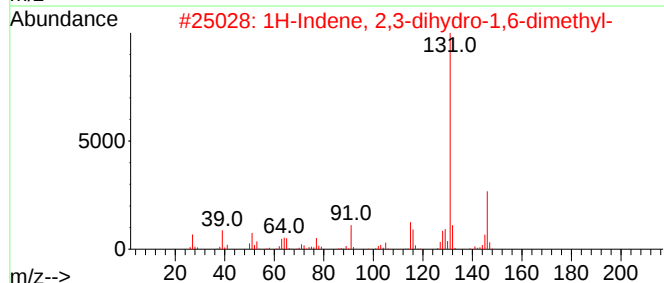
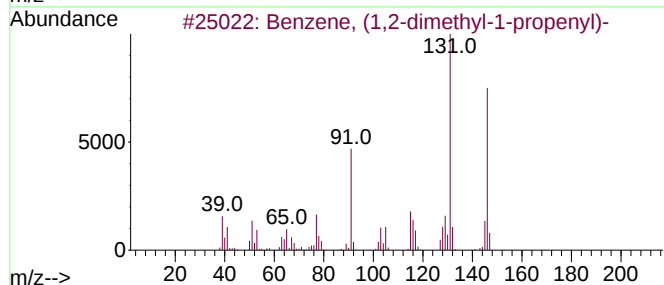
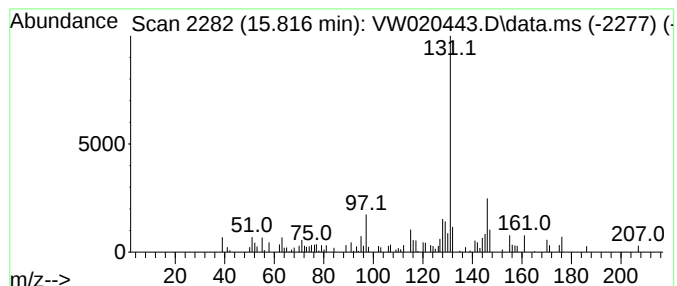
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	18.38 ug/L	19579	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	74
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	72
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	68
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

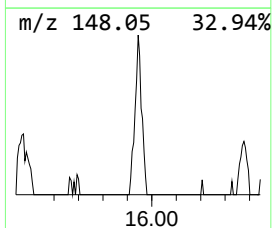
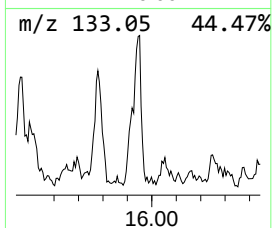
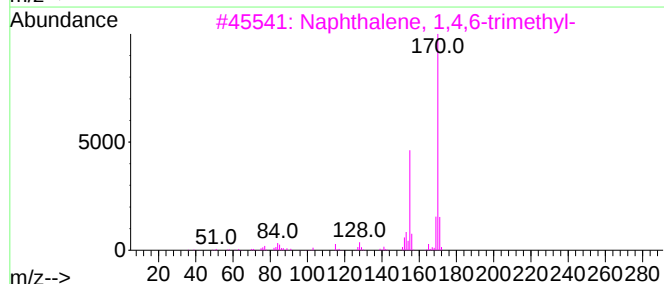
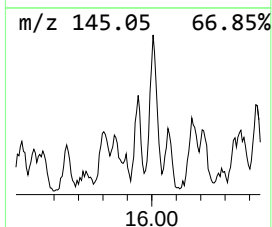
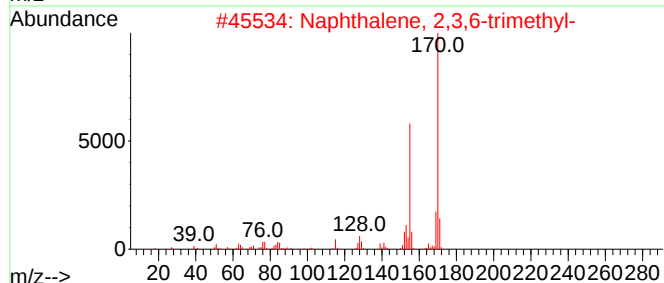
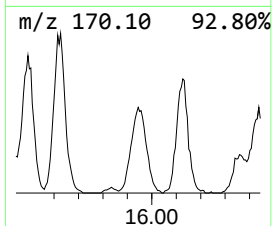
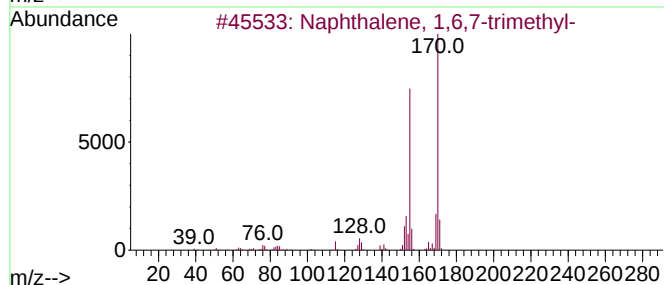
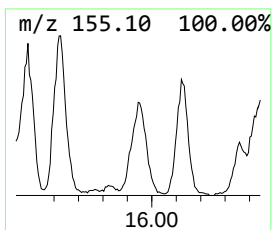
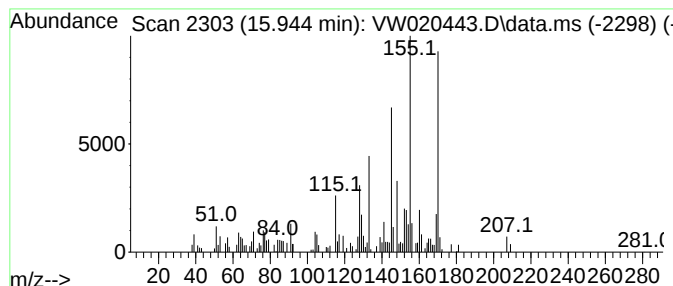
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Quant Title : SFAM01.0

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

Peak Number 28 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.944	33.67 ug/L	35852	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	83
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

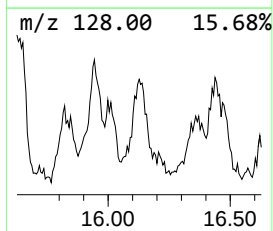
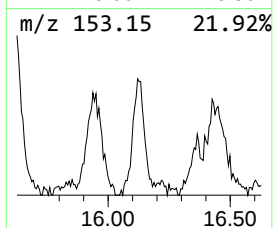
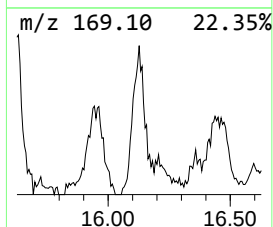
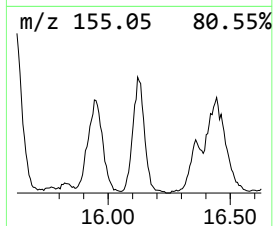
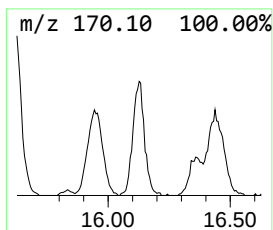
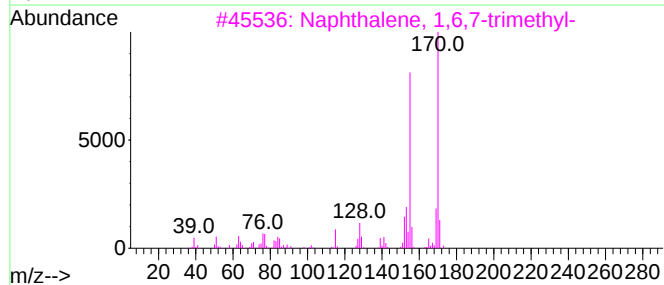
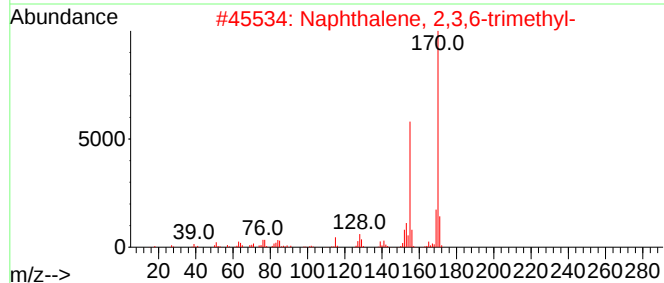
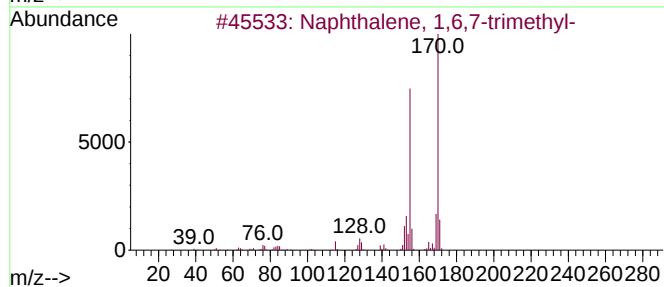
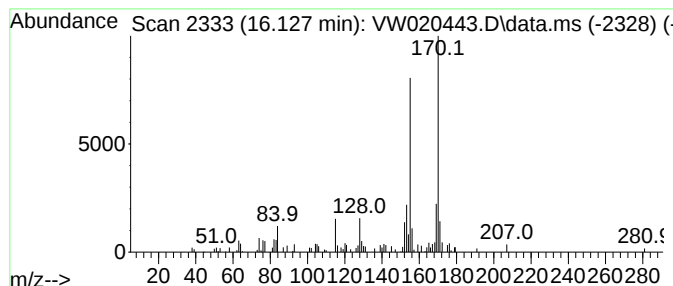
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Quant Title : SFAM01.0

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

Peak Number 29 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	60.55 ug/L	64486	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	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

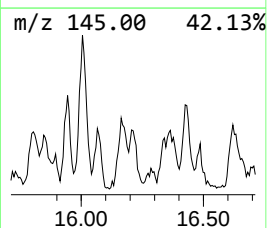
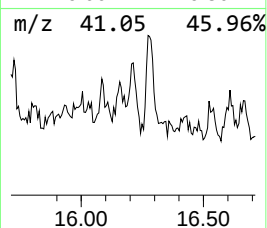
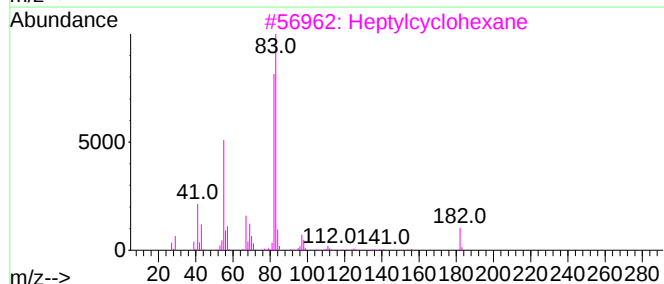
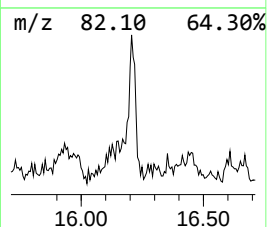
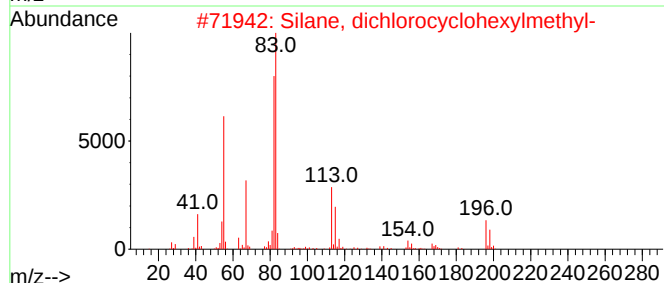
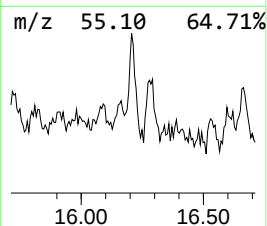
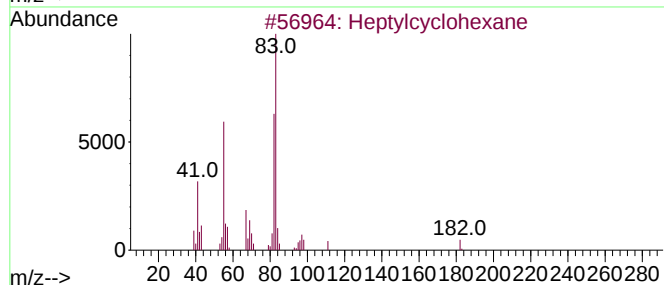
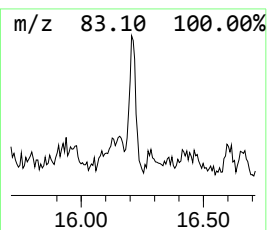
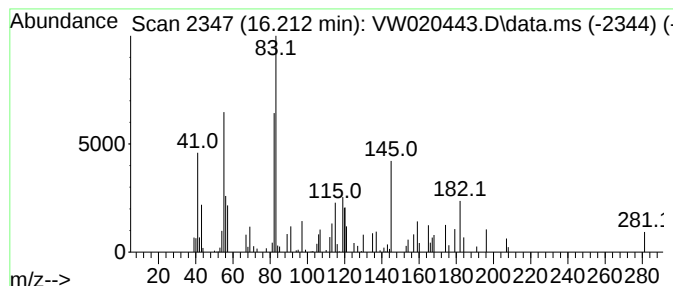
Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Cyclic16.212 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.212	16.66 ug/L	17747	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptylcyclohexane		182	C13H26	005617-41-4	38
2	Silane, dichlorocyclohexylmethyl-		196	C7H14Cl2Si	005578-42-7	35
3	Heptylcyclohexane		182	C13H26	005617-41-4	32
4	Cyclohexane, hexyl-		168	C12H24	004292-75-5	27
5	Cyclohexane, undecyl-		238	C17H34	054105-66-7	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

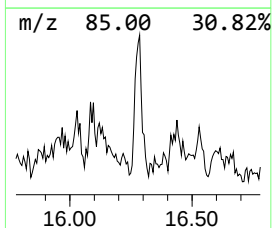
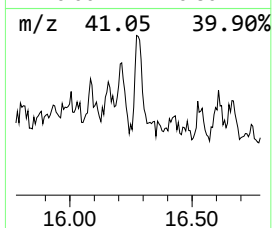
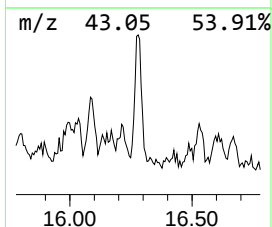
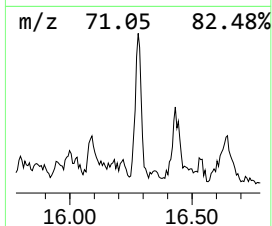
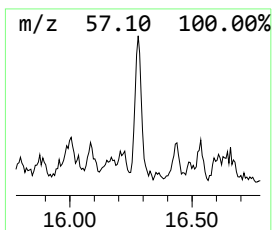
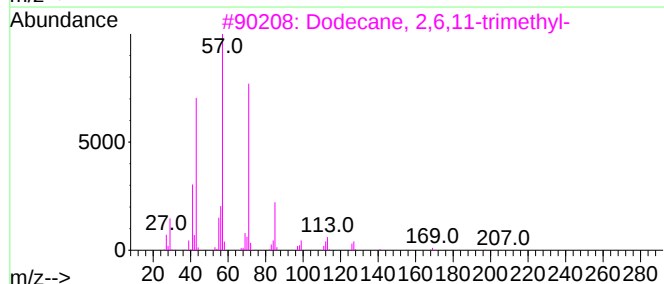
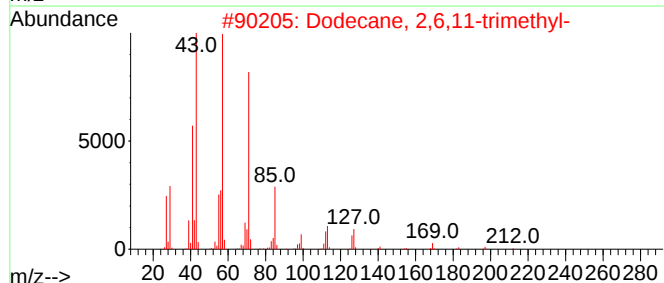
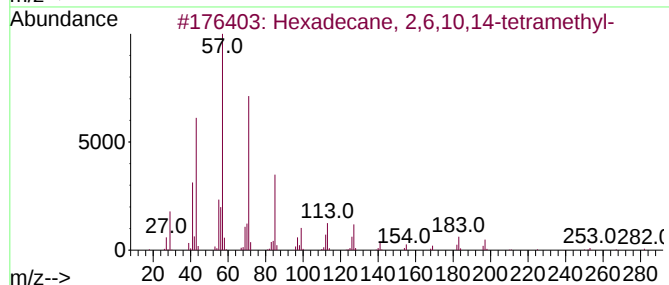
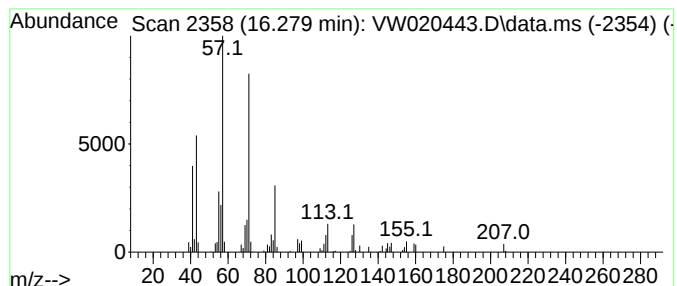
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	18.42 ug/L	19619	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

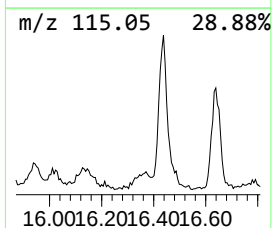
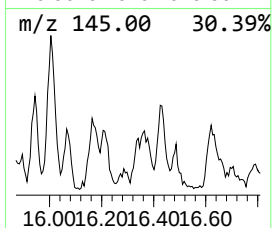
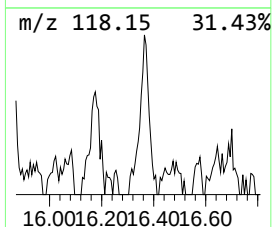
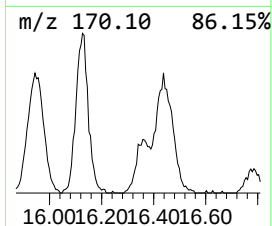
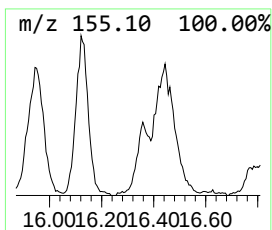
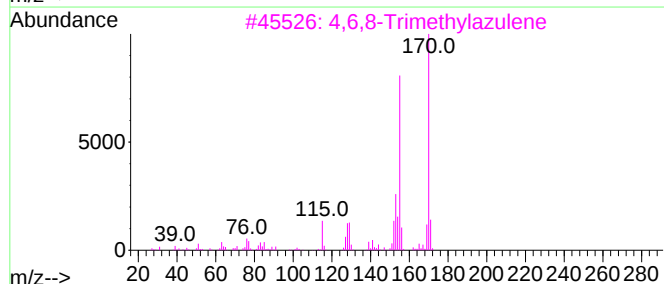
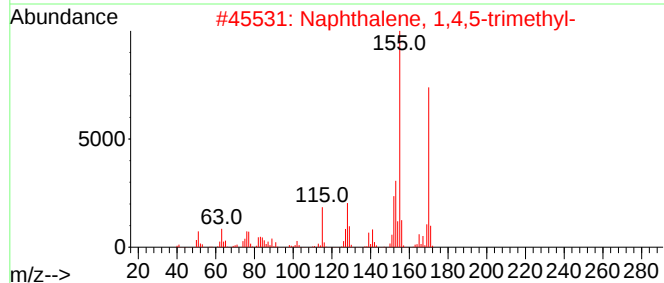
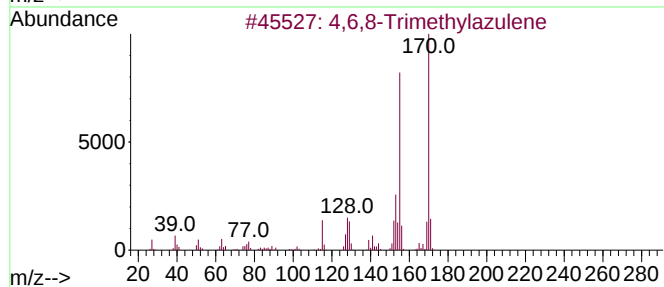
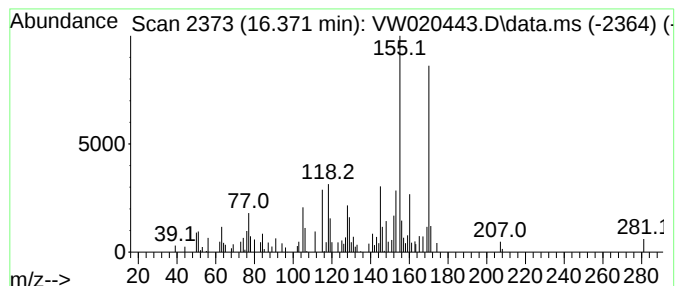
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Quant Title : SFAM01.0

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

Peak Number 32 4,6,8-Trimethylazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.371	31.11 ug/L	33131	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	92
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

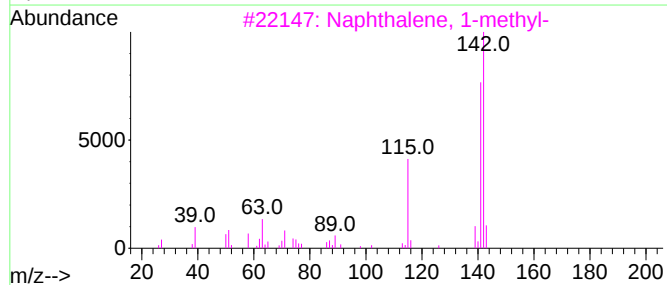
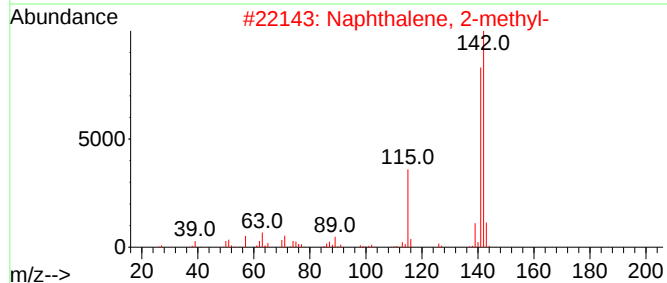
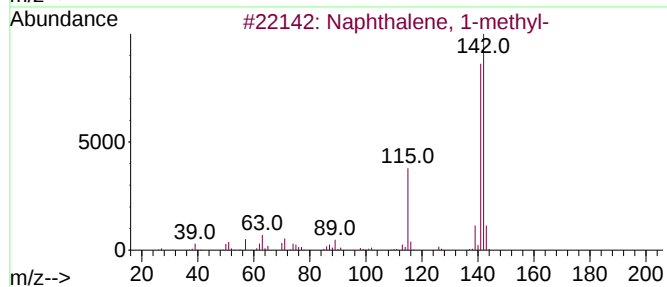
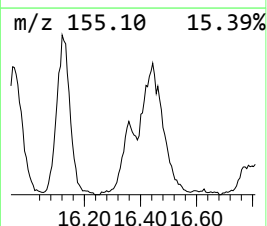
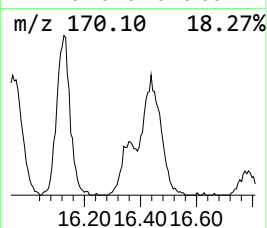
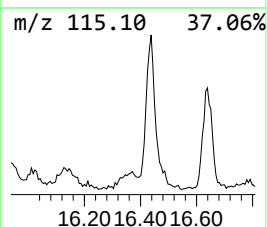
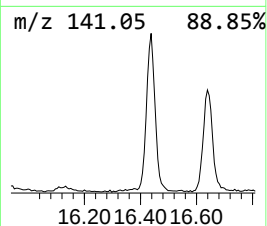
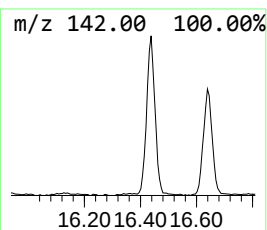
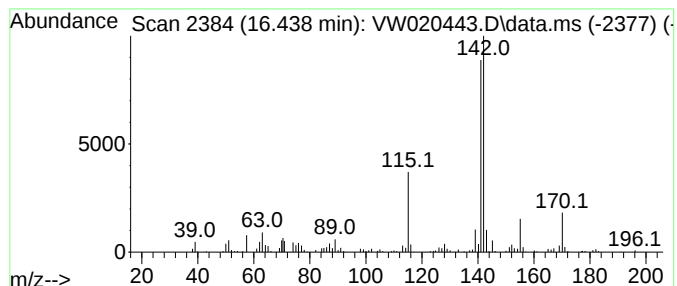
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Quant Title : SFAM01.0

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

Peak Number 33 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	160.76 ug/L	171198	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4			Benzocycloheptatriene	142	C11H10	000264-09-5	94
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
Data File : VW020443.D
Acq On : 11 Oct 2021 14:40
Operator : SY/VA
Sample : M4126-16RE
Misc : 3.80g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD1RE

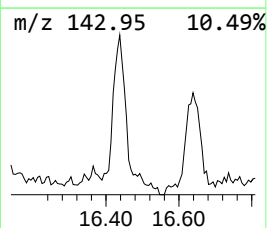
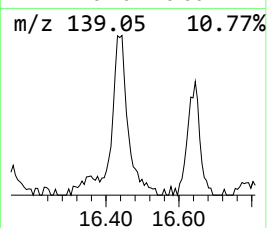
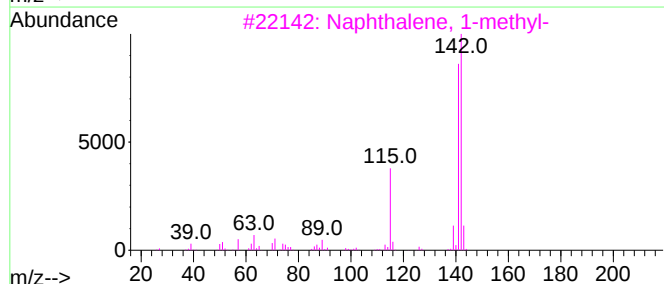
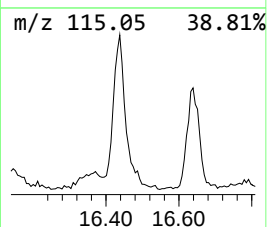
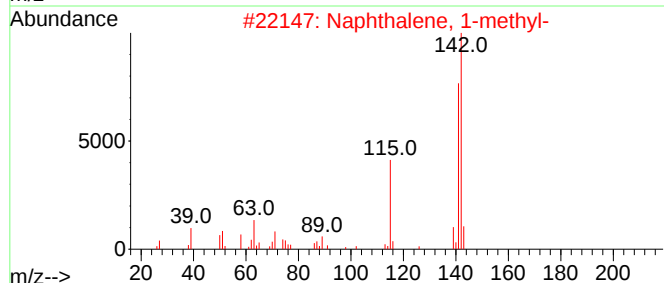
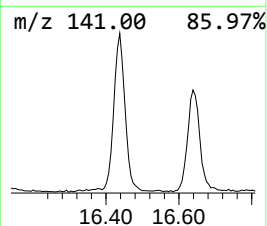
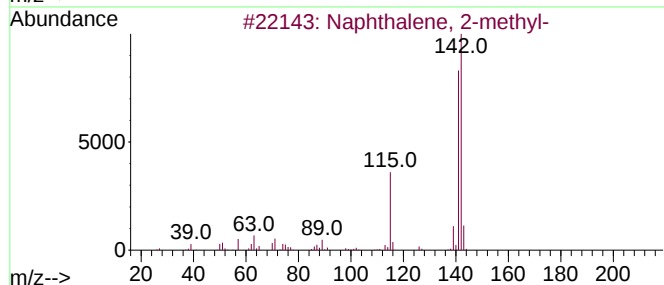
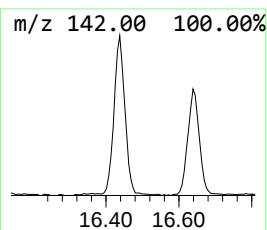
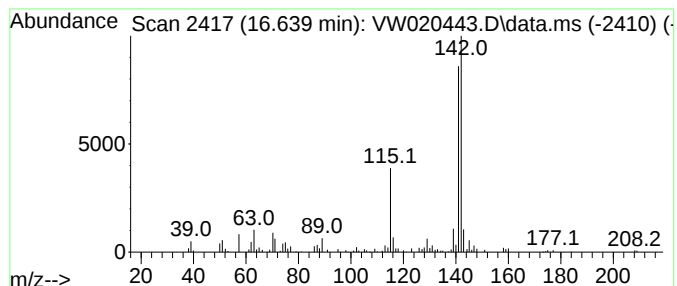
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Quant Title : SFAM01.0

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

Peak Number 34 Naphthalene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	93.67 ug/L	99754	1,4-Dichlorobenzene-d4	13.560

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	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101121\
 Data File : VW020443.D
 Acq On : 11 Oct 2021 14:40
 Operator : SY/VA
 Sample : M4126-16RE
 Misc : 3.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD1RE

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.512	4.0	ug/L	14267	2	11.634	88874	25.0
unknown-02	12.256	1.3	ug/L	4542	2	11.634	88874	25.0
Naphthalene, 1-...	12.432	16.9	ug/L	60261	2	11.634	88874	25.0
Naphthalene, 2-...	12.890	262.1	ug/L	279128	3	13.560	26624	25.0
Hexanoic acid, ...	13.134	3.7	ug/L	3962	3	13.560	26624	25.0
Naphthalene, 2-...	13.329	222.6	ug/L	237038	3	13.560	26624	25.0
Naphthalene, 1-...	13.469	139.2	ug/L	148274	3	13.560	26624	25.0
Naphthalene, 1-...	13.969	32.8	ug/L	34966	3	13.560	26624	25.0
1-Methyl-2-phen...	14.200	8.2	ug/L	8690	3	13.560	26624	25.0
Naphthalene, 1-...	14.310	61.3	ug/L	65288	3	13.560	26624	25.0
unknown-03	14.389	8.6	ug/L	9165	3	13.560	26624	25.0
Benzene, 1,2,4-...	14.456	11.6	ug/L	12297	3	13.560	26624	25.0
(DEL) Alkane: S...	14.493	6.5	ug/L	6950	3	13.560	26624	25.0
1H-Indene, 2,3-...	14.688	10.1	ug/L	10715	3	13.560	26624	25.0
1,3,8-p-Menthat...	14.786	53.0	ug/L	56401	3	13.560	26624	25.0
unknown-04	14.847	24.9	ug/L	26470	3	13.560	26624	25.0
Naphthalene, 2-...	15.072	107.5	ug/L	114445	3	13.560	26624	25.0
unknown-05	15.164	37.0	ug/L	39422	3	13.560	26624	25.0
(DEL) Alkane: S...	15.322	31.5	ug/L	33507	3	13.560	26624	25.0
Naphthalene, 1-...	15.438	34.1	ug/L	36371	3	13.560	26624	25.0
Naphthalene, 1-...	15.487	121.5	ug/L	129433	3	13.560	26624	25.0
Naphthalene, 1-...	15.627	128.7	ug/L	137087	3	13.560	26624	25.0
Benzene, 1,4-di...	15.718	14.3	ug/L	15209	3	13.560	26624	25.0
Benzene, (1,2-d...	15.816	18.4	ug/L	19579	3	13.560	26624	25.0
Naphthalene, 2-...	15.944	33.7	ug/L	35852	3	13.560	26624	25.0
1-(2,2-Dimethyl...	16.127	60.5	ug/L	64486	3	13.560	26624	25.0
(DEL) Alkane: C...	16.212	16.7	ug/L	17747	3	13.560	26624	25.0
(DEL) Alkane: S...	16.279	18.4	ug/L	19619	3	13.560	26624	25.0
4,6,8-Trimethyl...	16.371	31.1	ug/L	33131	3	13.560	26624	25.0
Naphthalene, 1-...	16.438	160.8	ug/L	171198	3	13.560	26624	25.0
Naphthalene, 2-...	16.639	93.7	ug/L	99754	3	13.560	26624	25.0