

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021076.D
 Acq On : 03 Dec 2021 20:04
 Operator : SY/VA
 Sample : M4886-07
 Misc : 5.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX888

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\SFAMWLM120321SMA.M
 Title : SFAM01.0

Signal : TIC: VW021076.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	69	73	82	rVB	9603	15747	0.03%	0.013%
2	2.885	156	161	170	rVB	7875	15999	0.03%	0.013%
3	3.854	319	320	325	rVB	133	187	0.00%	0.000%
4	3.903	325	328	330	rBV	136	170	0.00%	0.000%
5	4.013	337	346	359	rVV	13690	39567	0.08%	0.032%
6	4.135	359	366	376	rBV3	3473	9143	0.02%	0.007%
7	4.391	399	408	409	rBV2	614	1362	0.00%	0.001%
8	4.677	451	455	458	rVB	160	210	0.00%	0.000%
9	4.915	484	494	504	rVV3	4246	12592	0.03%	0.010%
10	5.141	530	531	534	rBV3	184	167	0.00%	0.000%
11	5.604	605	607	610	rVB3	144	159	0.00%	0.000%
12	5.665	615	617	621	rVV	139	185	0.00%	0.000%
13	5.787	635	637	640	rVV2	256	372	0.00%	0.000%
14	5.939	655	662	670	rVB3	675	1731	0.00%	0.001%
15	6.025	674	676	680	rBV	134	175	0.00%	0.000%
16	6.439	741	744	748	rBV	145	259	0.00%	0.000%
17	6.982	831	833	834	rBV2	287	219	0.00%	0.000%
18	7.086	841	850	855	rBV	7449	20221	0.04%	0.016%
19	7.378	896	898	901	rBV	136	172	0.00%	0.000%
20	7.653	932	943	957	rBB	39076	94953	0.20%	0.076%
21	7.951	989	992	999	rVB3	632	1126	0.00%	0.001%
22	8.030	1002	1005	1009	rBB2	190	272	0.00%	0.000%
23	8.323	1035	1053	1063	rBV2	375237	1006309	2.09%	0.809%
24	8.518	1082	1085	1086	rBV2	287	296	0.00%	0.000%
25	8.567	1086	1093	1102	rVB4	5172	11574	0.02%	0.009%
26	8.695	1109	1114	1119	rVB2	1283	2107	0.00%	0.002%
27	8.841	1129	1138	1151	rBB	77744	150793	0.31%	0.121%
28	9.079	1173	1177	1187	rVB5	838	1710	0.00%	0.001%
29	9.274	1201	1209	1216	rBV	50685	105840	0.22%	0.085%
30	9.396	1226	1229	1233	rBB2	184	236	0.00%	0.000%
31	9.518	1243	1249	1254	rVB3	496	759	0.00%	0.001%
32	9.670	1272	1274	1278	rVV	384	472	0.00%	0.000%
33	9.707	1278	1280	1284	rVV	264	397	0.00%	0.000%
34	9.762	1284	1289	1294	rVV2	374	628	0.00%	0.001%
35	9.847	1299	1303	1310	rBV2	515	948	0.00%	0.001%
36	9.908	1310	1313	1316	rBV2	337	394	0.00%	0.000%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Title : SFAM01.0

37	9.957	1318	1321	1325	rVB3	600	917	0.00%	0.001%
38	10.036	1327	1334	1340	rVB	18271	31703	0.07%	0.025%
39	10.097	1340	1344	1348	rVB3	414	464	0.00%	0.000%
40	10.207	1355	1362	1369	rVB4	1955	3597	0.01%	0.003%
41	10.323	1374	1381	1385	rBV	82648	146845	0.30%	0.118%
42	10.390	1385	1392	1403	rVB	907268	1580558	3.28%	1.271%
43	10.500	1403	1410	1416	rVB3	11077	22827	0.05%	0.018%
44	10.579	1416	1423	1428	rBV	11640	20070	0.04%	0.016%
45	10.646	1428	1434	1440	rBV	9347	16544	0.03%	0.013%
46	10.707	1440	1444	1448	rVB2	2469	3489	0.01%	0.003%
47	10.859	1463	1469	1473	rBV3	429	827	0.00%	0.001%
48	10.926	1473	1480	1490	rBV	30546	52019	0.11%	0.042%
49	11.018	1490	1495	1497	rBV3	351	589	0.00%	0.000%
50	11.060	1497	1502	1506	rBV2	4673	7752	0.02%	0.006%
51	11.176	1518	1521	1525	rVB3	1921	2713	0.01%	0.002%
52	11.231	1526	1530	1534	rVV3	1440	2324	0.00%	0.002%
53	11.274	1534	1537	1542	rVB3	927	1599	0.00%	0.001%
54	11.335	1543	1547	1554	rVB4	1679	2527	0.01%	0.002%
55	11.438	1555	1564	1569	rBV3	3396	6003	0.01%	0.005%
56	11.554	1579	1583	1589	rVB3	1417	2166	0.00%	0.002%
57	11.627	1589	1595	1605	rBV	97758	170735	0.35%	0.137%
58	11.731	1605	1612	1618	rBV	275809	440638	0.91%	0.354%
59	11.835	1618	1629	1640	rVB	5058313	8660299	17.98%	6.961%
60	11.969	1646	1651	1661	rVB2	45871	75486	0.16%	0.061%
61	12.115	1668	1675	1677	rBV	36811	56072	0.12%	0.045%
62	12.164	1677	1683	1694	rVB	2600188	4112660	8.54%	3.306%
63	12.347	1701	1713	1723	rBV2	25062	53432	0.11%	0.043%
64	12.463	1727	1732	1737	rVV	18550	30290	0.06%	0.024%
65	12.505	1737	1739	1746	rVB6	2783	4534	0.01%	0.004%
66	12.609	1751	1756	1761	rBV2	15308	24703	0.05%	0.020%
67	12.694	1764	1770	1774	rBV	42025	68280	0.14%	0.055%
68	12.737	1774	1777	1782	rVB	16407	22725	0.05%	0.018%
69	12.804	1783	1788	1792	rBV	26876	38330	0.08%	0.031%
70	12.865	1792	1798	1801	rBV	447261	700157	1.45%	0.563%
71	12.944	1806	1811	1817	rVB	1196895	1823982	3.79%	1.466%
72	13.103	1831	1837	1847	rVB2	189447	405227	0.84%	0.326%
73	13.249	1854	1861	1867	rBV	3523323	5266396	10.94%	4.233%
74	13.298	1867	1869	1874	rVB	86604	110159	0.23%	0.089%
75	13.353	1874	1878	1887	rVB2	34854	59830	0.12%	0.048%
76	13.475	1888	1898	1906	rBV	2514773	4151383	8.62%	3.337%

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 Title : SFAM01.0

77	13.584	1906	1916	1920	rBV	983600	1648212	3.42%	1.325%
78	13.718	1932	1938	1939	rBV3	40394	62581	0.13%	0.050%
79	13.755	1939	1944	1955	rVB2	720721	1439317	2.99%	1.157%
80	13.938	1967	1974	1981	rBV	7255499	11584736	24.05%	9.312%
81	14.005	1981	1985	1988	rBV	103117	162529	0.34%	0.131%
82	14.096	1996	2000	2005	rVB	192748	292951	0.61%	0.235%
83	14.157	2005	2010	2013	rBV	27500	44361	0.09%	0.036%
84	14.206	2013	2018	2028	rVB3	108334	228537	0.47%	0.184%
85	14.334	2035	2039	2042	rBV2	39949	56046	0.12%	0.045%
86	14.389	2042	2048	2056	rBV2	964550	2056708	4.27%	1.653%
87	14.487	2056	2064	2071	rVV2	2024743	4226022	8.77%	3.397%
88	14.639	2086	2089	2092	rBV2	17244	25417	0.05%	0.020%
89	14.688	2092	2097	2102	rVV	175414	280095	0.58%	0.225%
90	14.791	2108	2114	2121	rBV3	315069	713510	1.48%	0.574%
91	14.871	2121	2127	2134	rVV	852111	1364658	2.83%	1.097%
92	14.950	2134	2140	2149	rVV	1008487	1691142	3.51%	1.359%
93	15.285	2189	2195	2201	rBV	353190	883735	1.83%	0.710%
94	15.377	2202	2210	2217	rVV2	17773722	48160123	100.00%	38.713%
95	15.462	2217	2224	2232	rVB	1394336	2920786	6.06%	2.348%
96	15.651	2250	2255	2259	rBV2	39000	78258	0.16%	0.063%
97	16.377	2363	2374	2376	rBV2	105600	272532	0.57%	0.219%
98	16.438	2377	2384	2396	rVB	5106822	11008892	22.86%	8.849%
99	16.559	2397	2404	2409	rBV3	115552	270726	0.56%	0.218%
100	16.639	2409	2417	2428	rVB	2388392	5253046	10.91%	4.223%

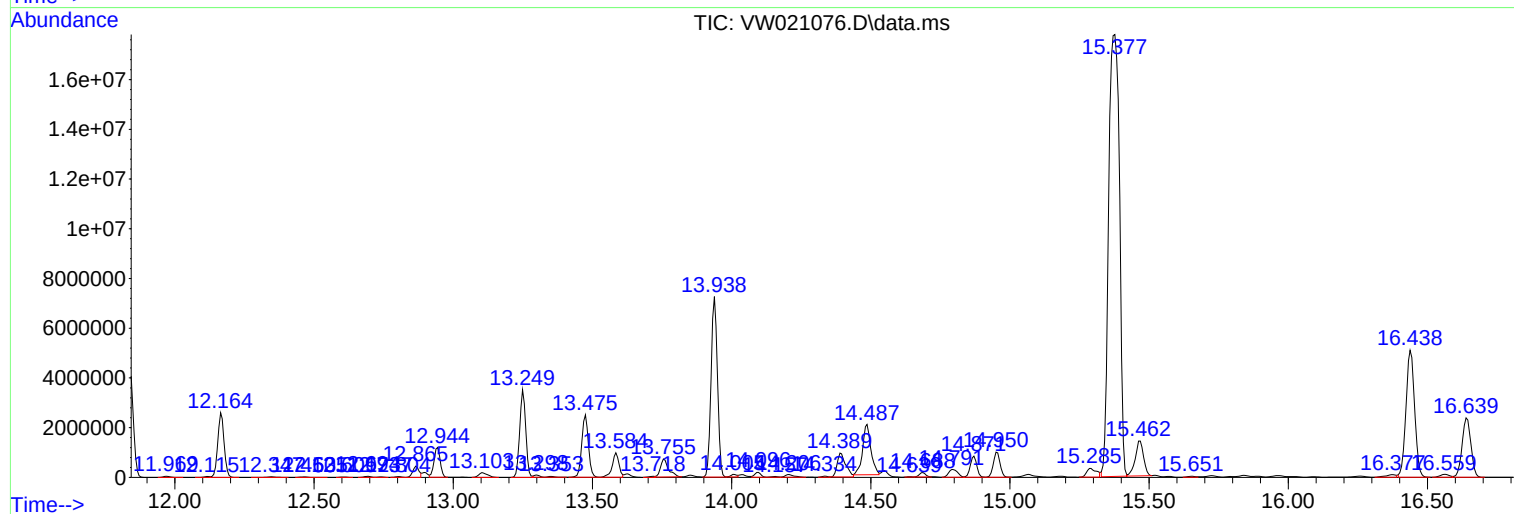
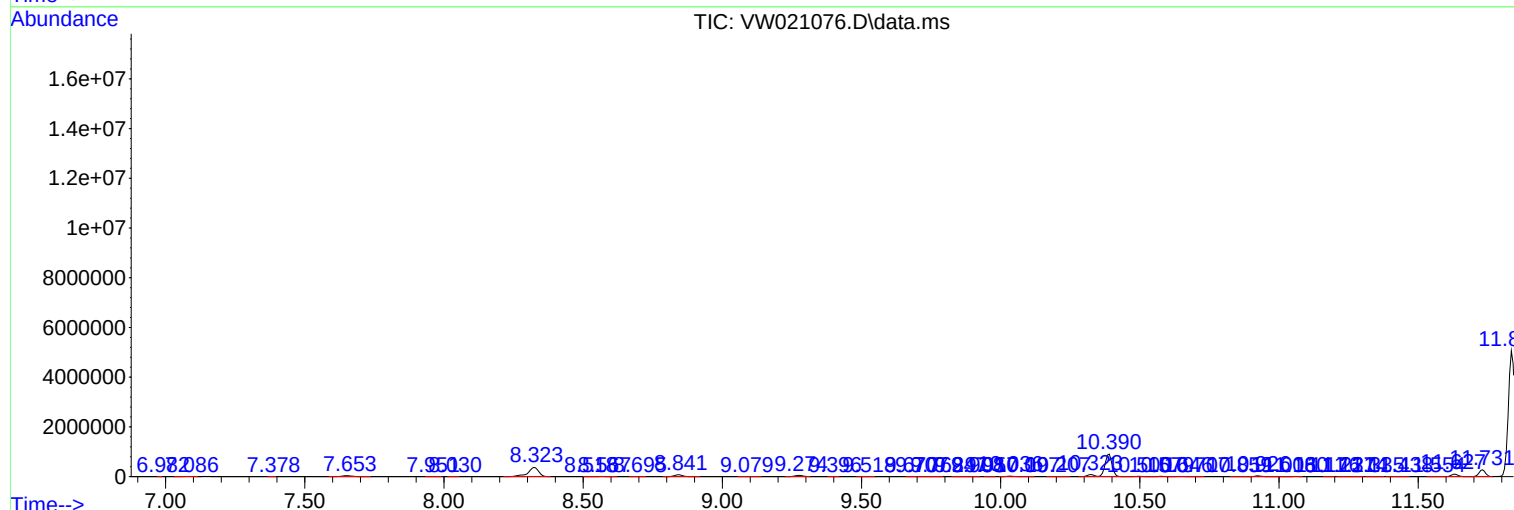
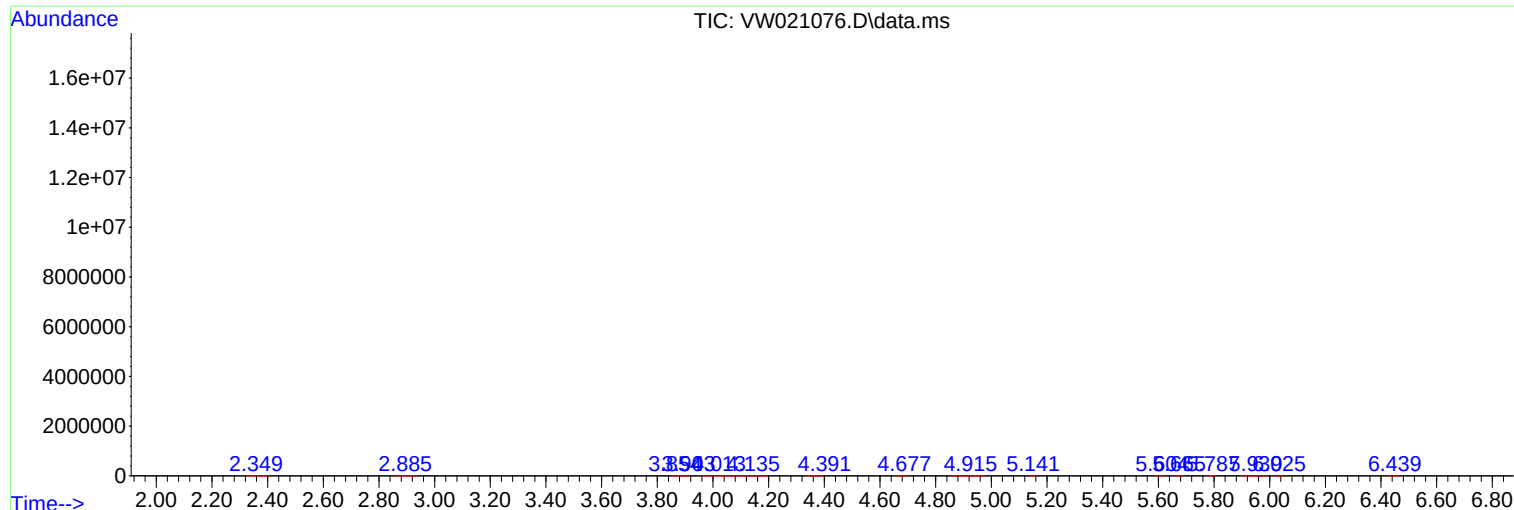
Sum of corrected areas: 124403222

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
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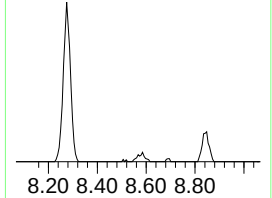
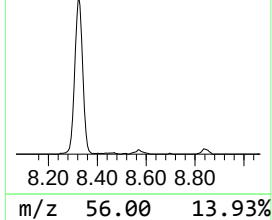
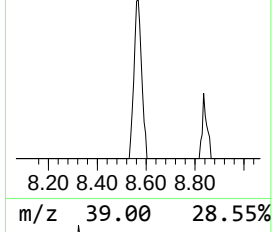
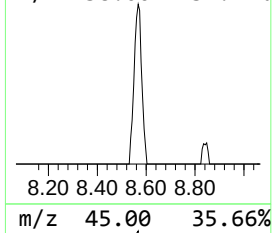
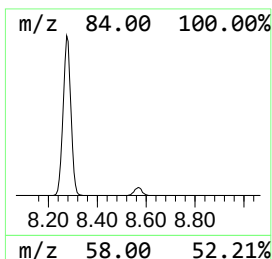
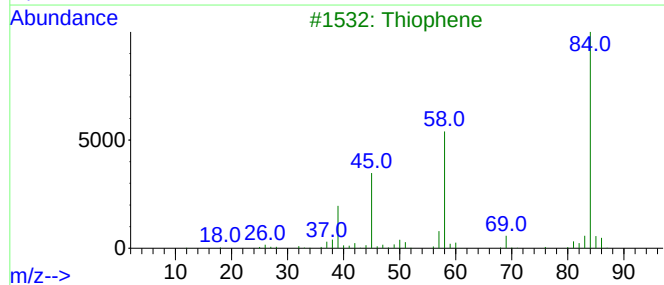
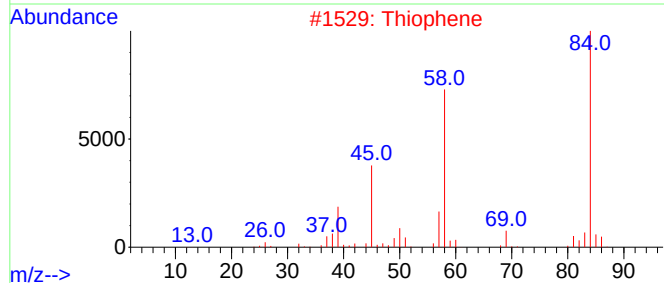
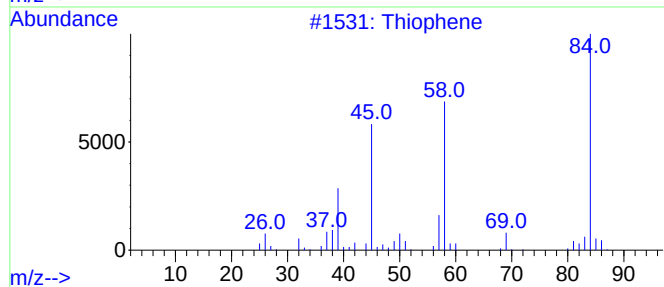
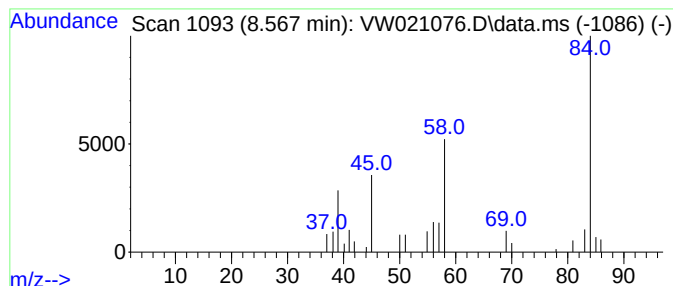
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Thiophene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.567	1.92 ug/L	11574	1,4-Difluorobenzene	8.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene	84	C4H4S	000110-02-1	87
2			Thiophene	84	C4H4S	000110-02-1	87
3			Thiophene	84	C4H4S	000110-02-1	86
4			Thiophene	84	C4H4S	000110-02-1	72
5			4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	38



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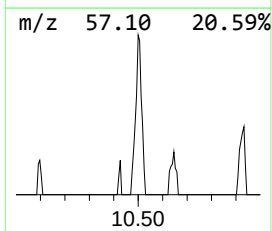
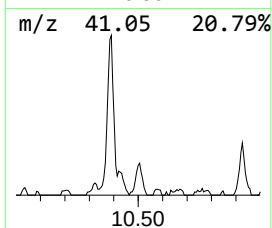
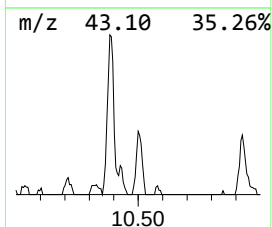
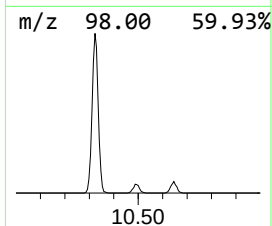
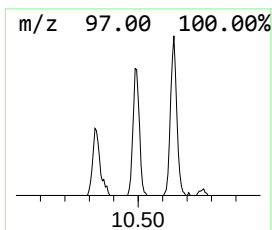
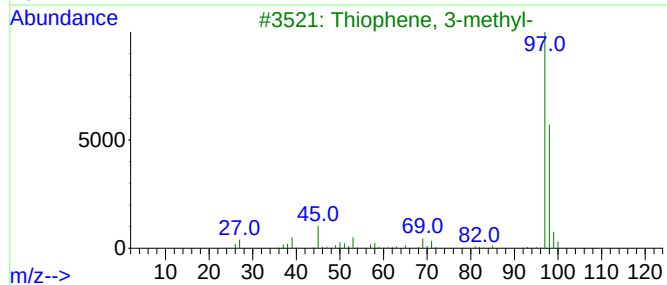
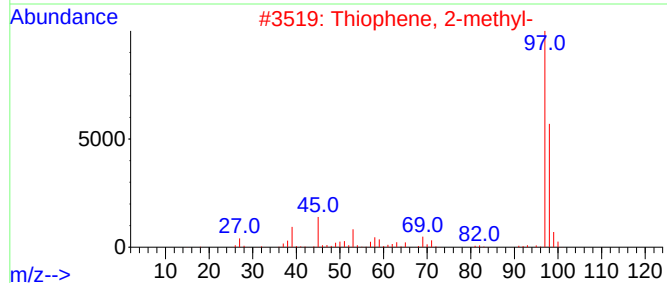
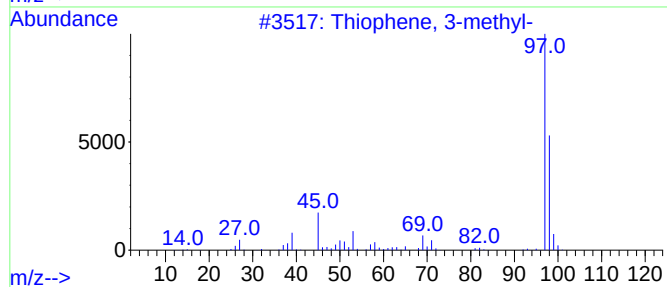
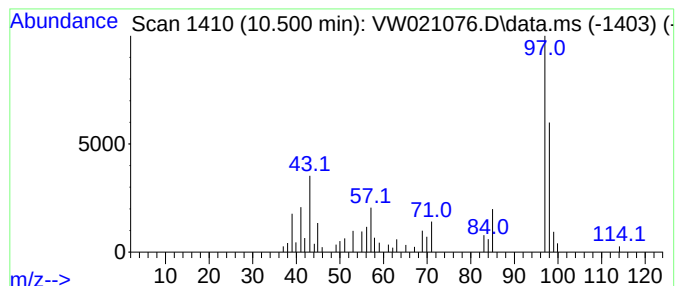
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Thiophene, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.500	3.34 ug/L	22827	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	87
2			Thiophene, 2-methyl-	98	C5H6S	000554-14-3	81
3			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	72
4			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	72
5			Thiophene, 2-methyl-	98	C5H6S	000554-14-3	72



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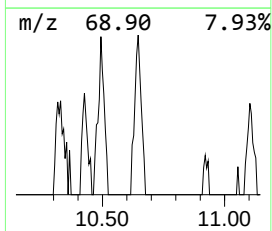
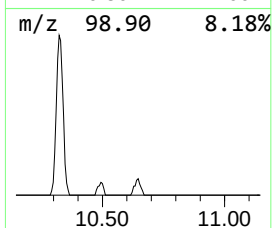
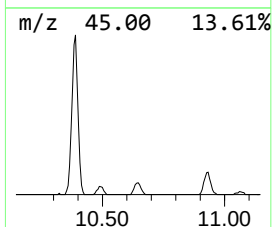
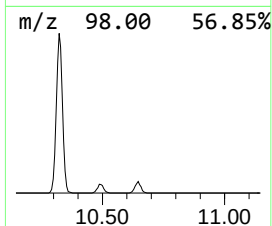
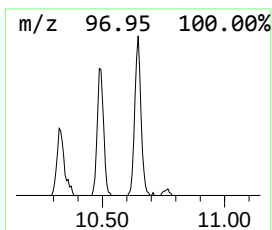
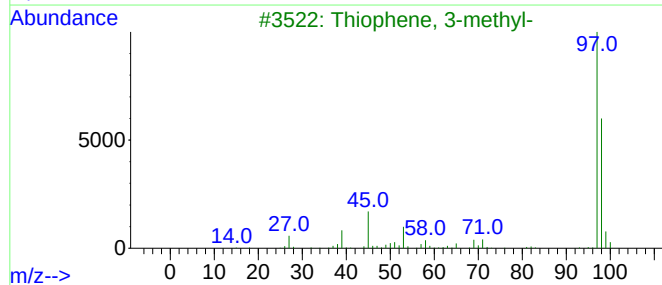
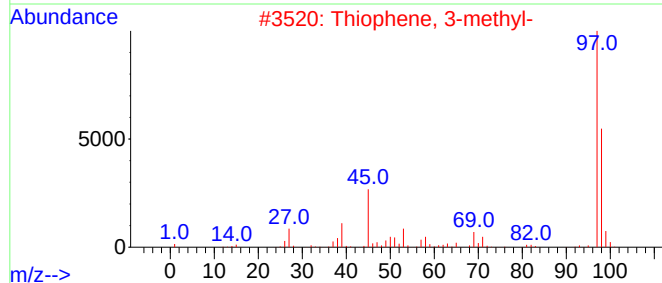
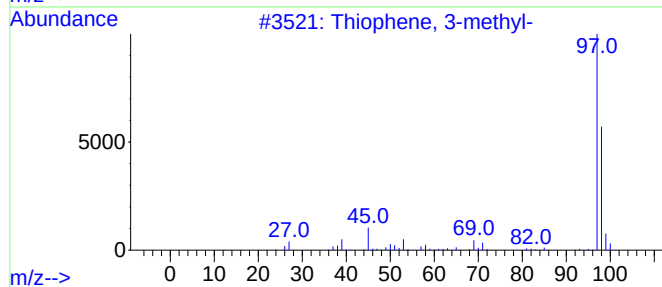
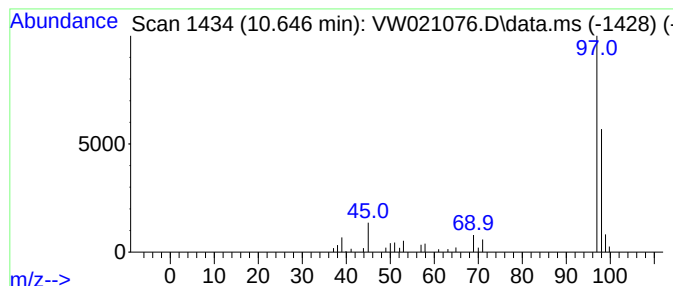
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Thiophene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.646	2.42 ug/L	16544	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
2			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	90
3			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	90
4			Thiophene, 2-methyl-	98	C5H6S	000554-14-3	90
5			Thiophene, 2-methyl-	98	C5H6S	000554-14-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

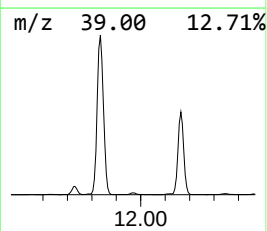
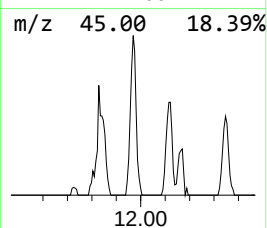
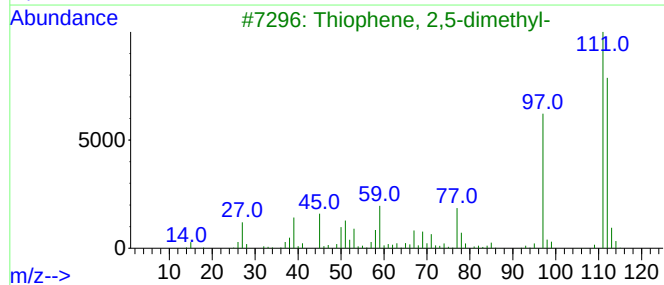
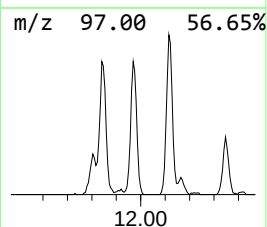
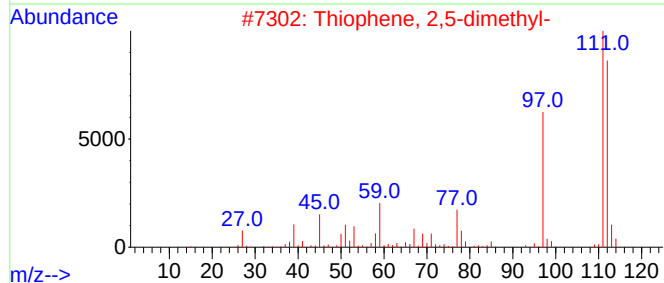
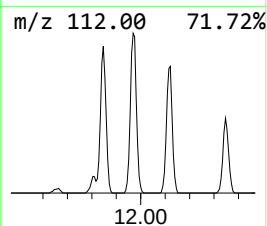
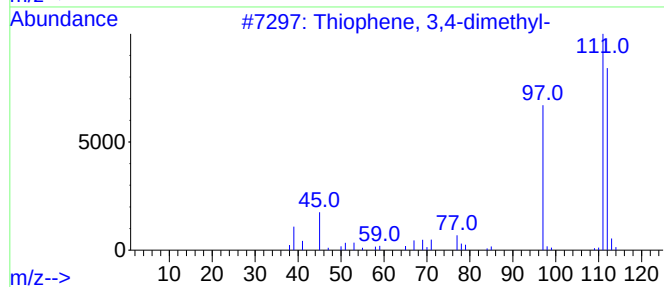
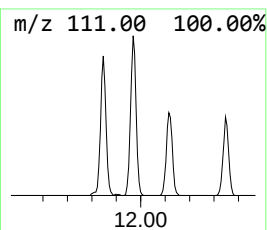
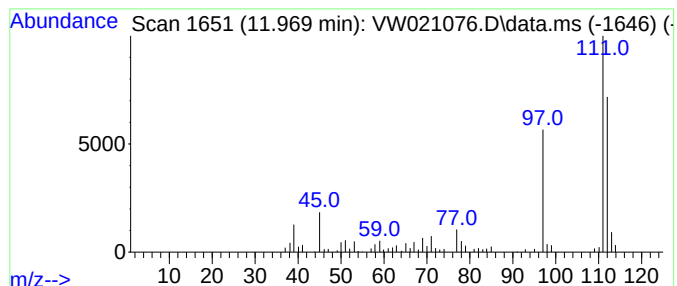
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Quant Title : SFAM01.0

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

Peak Number 6 Thiophene, 3,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	11.05 ug/L	75486	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	90
2			Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	90
3			Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	87
4			Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
5			Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

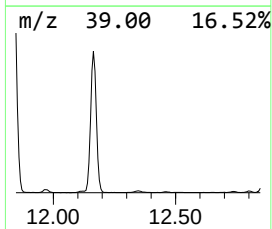
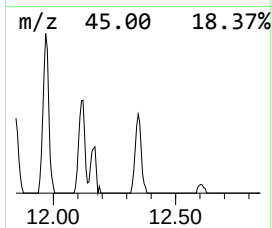
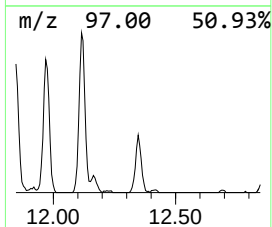
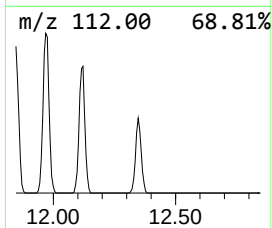
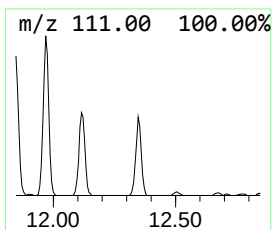
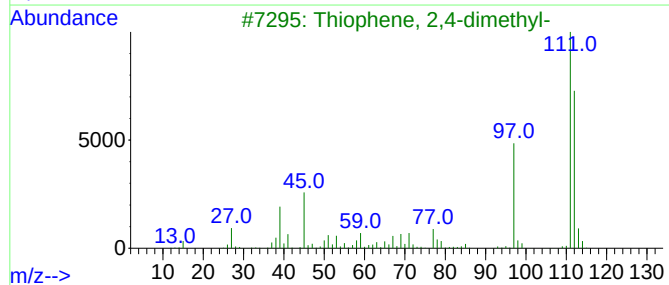
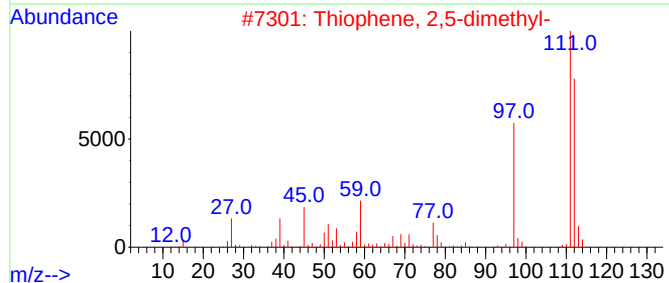
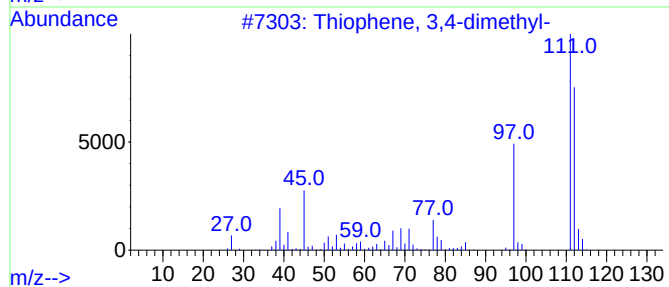
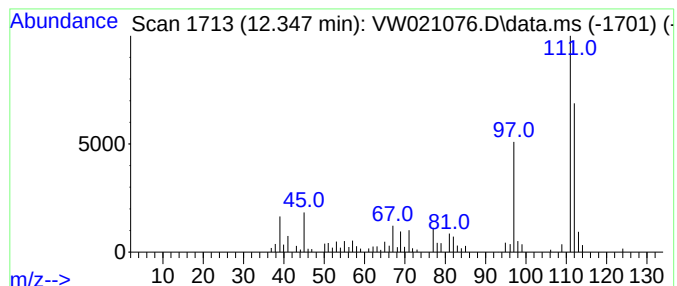
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Quant Title : SFAM01.0

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

Peak Number 7 Thiophene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.347	7.82 ug/L	53432	Chlorobenzene-d5	11.627

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	90
2			Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	90
3			Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	90
4			Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	87
5			Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

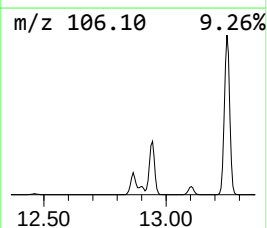
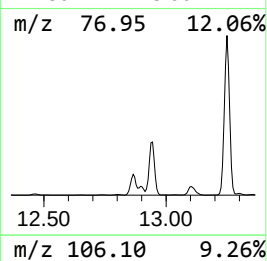
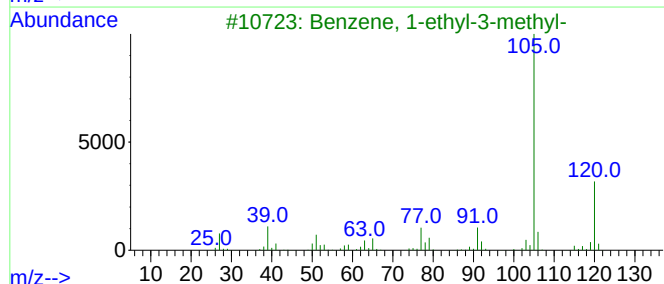
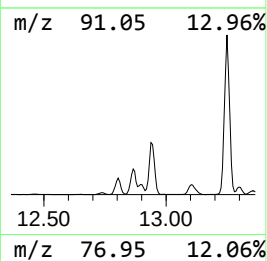
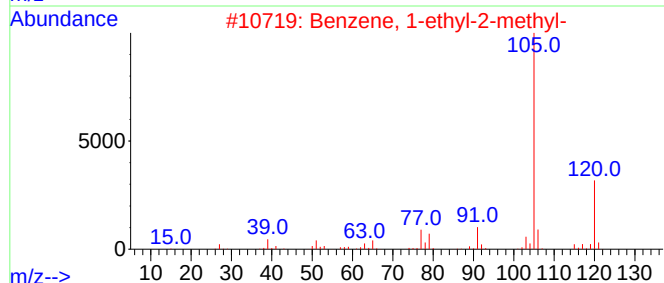
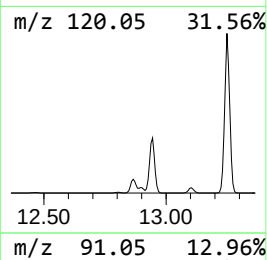
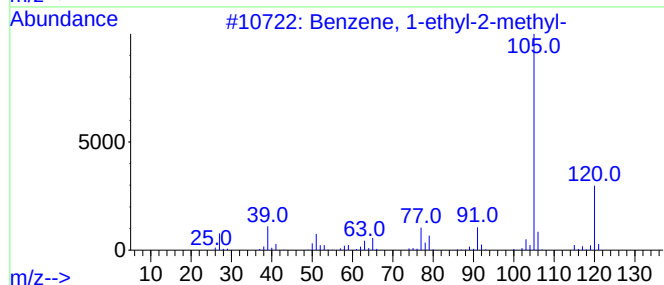
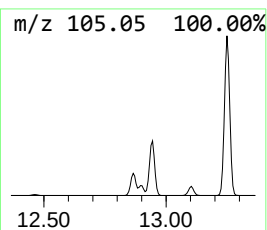
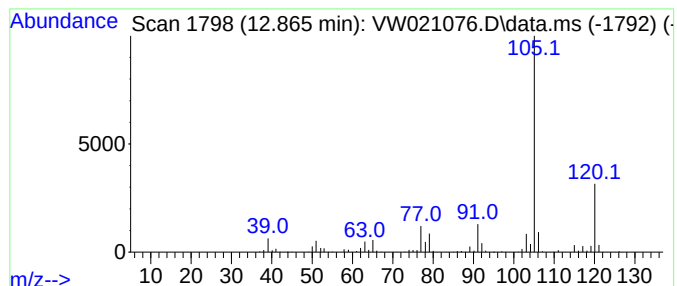
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	10.62 ug/L	700157	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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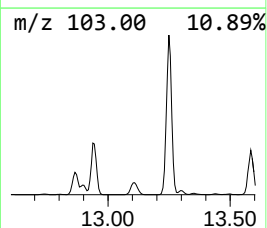
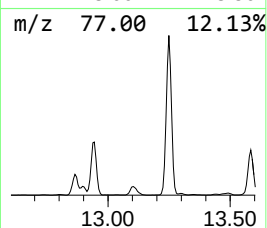
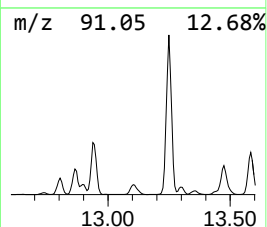
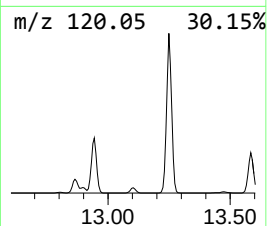
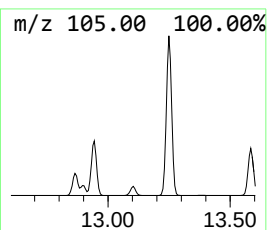
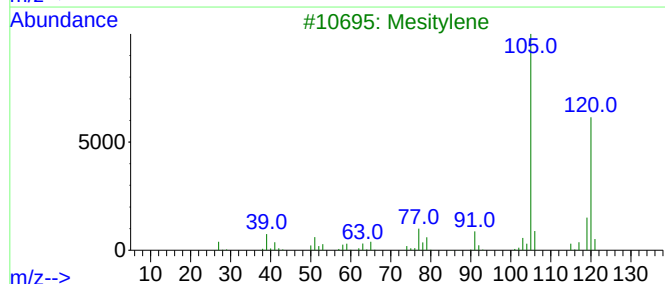
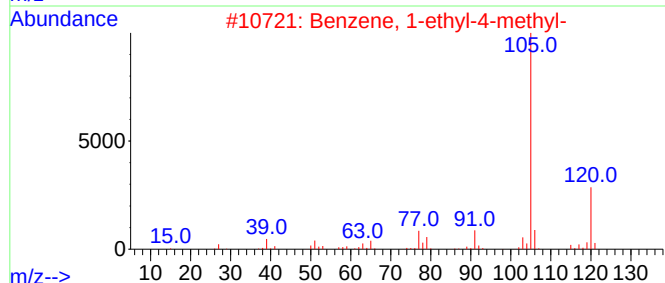
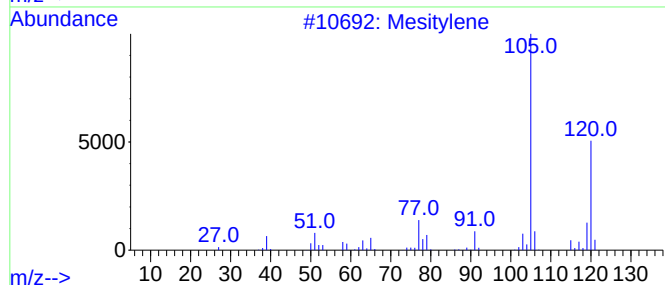
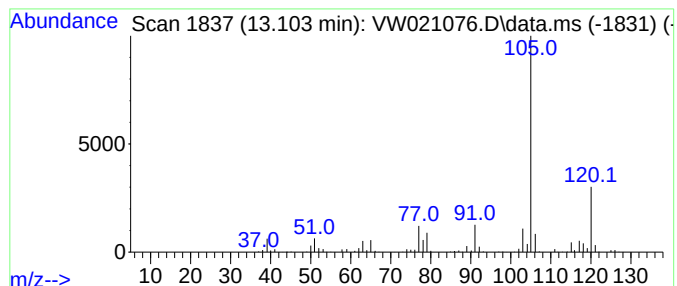
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	6.15 ug/L	405227	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	91
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3			Mesitylene	120	C9H12	000108-67-8	90
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

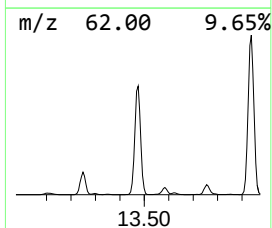
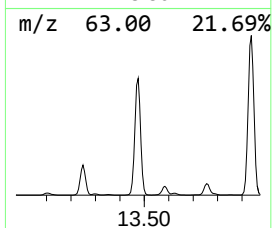
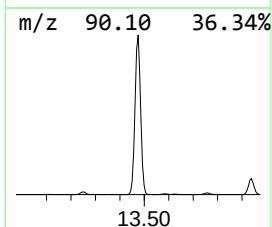
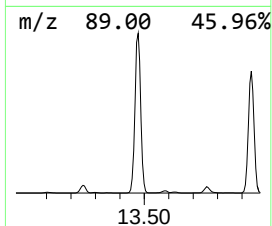
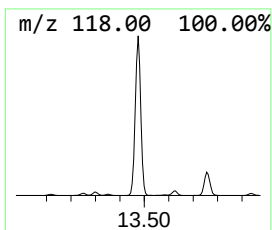
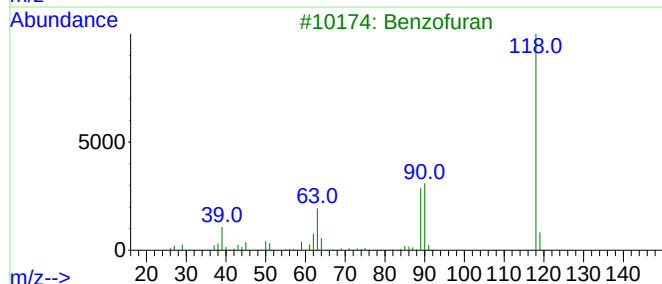
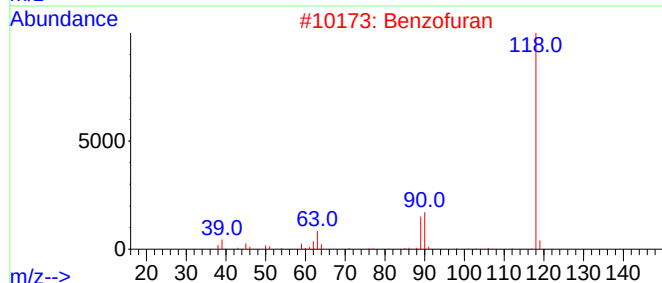
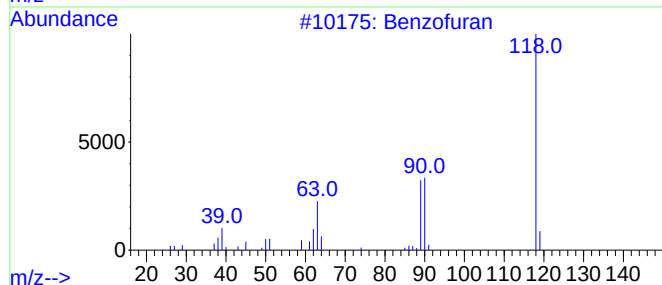
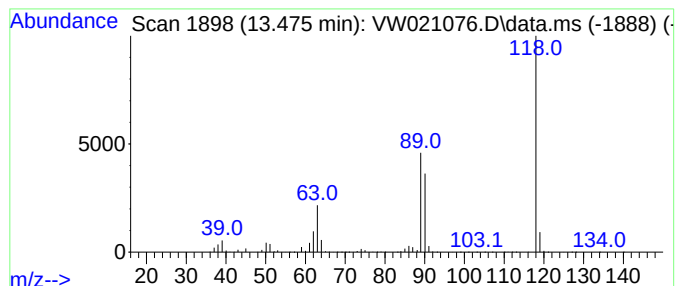
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Quant Title : SFAM01.0

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

Peak Number 10 Benzofuran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.475	62.97 ug/L	4151380	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran	118	C8H6O	000271-89-6	94
2			Benzofuran	118	C8H6O	000271-89-6	90
3			Benzofuran	118	C8H6O	000271-89-6	90
4			Benzofuran	118	C8H6O	000271-89-6	83
5			2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

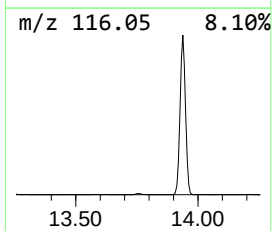
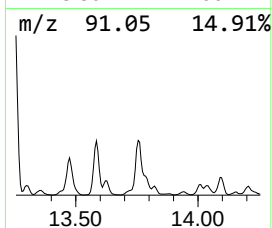
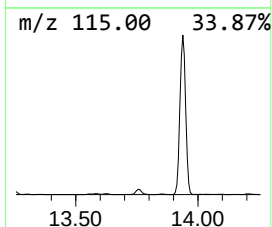
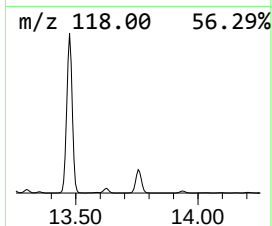
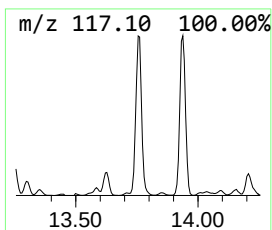
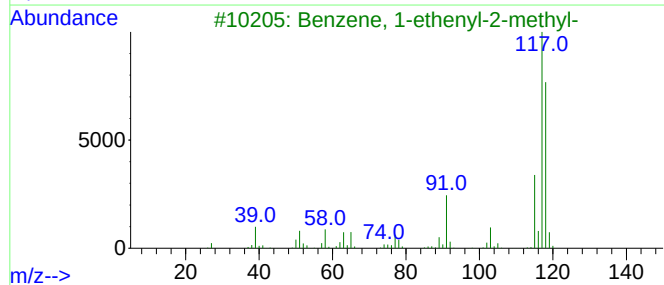
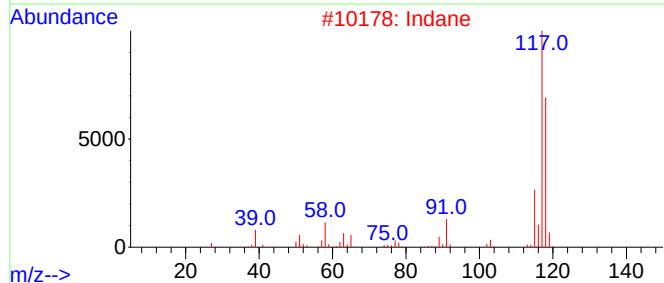
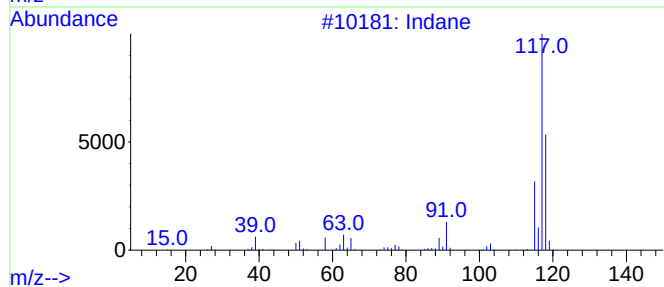
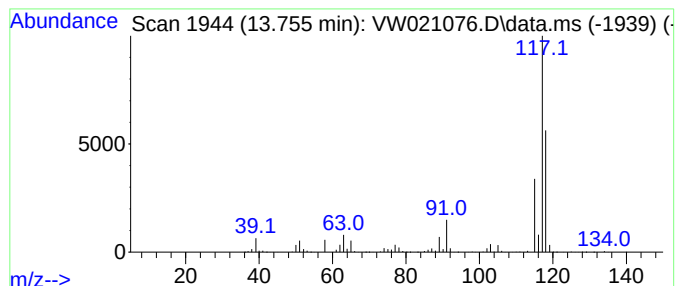
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Quant Title : SFAM01.0

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

Peak Number 11 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.755	21.83 ug/L	1439320	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Indane	118	C9H10	000496-11-7	87
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

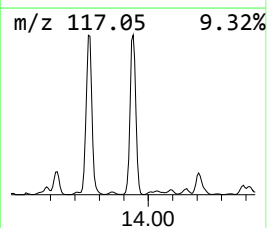
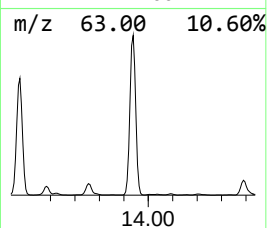
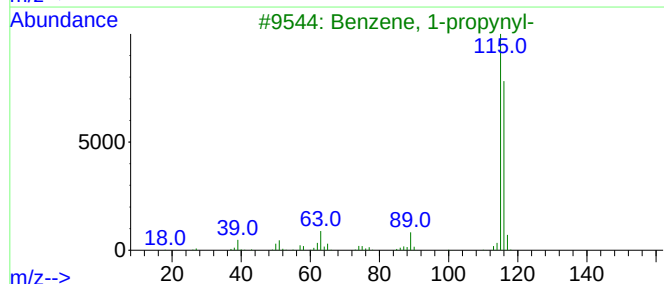
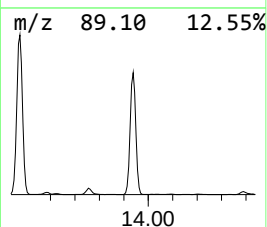
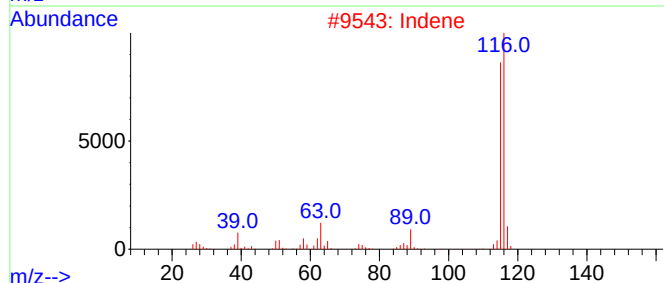
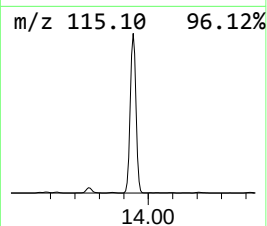
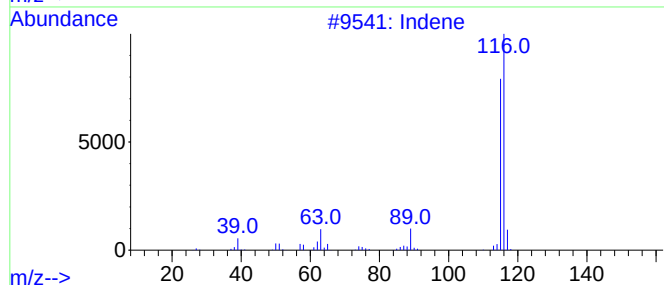
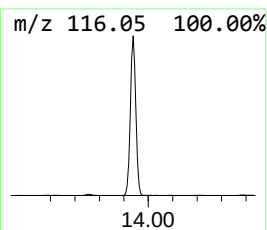
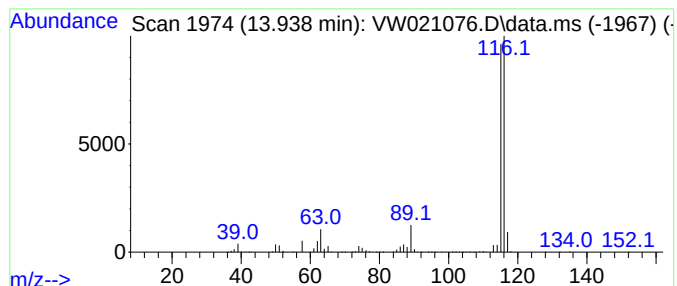
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Quant Title : SFAM01.0

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

Peak Number 12 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.938	175.72 ug/L	11584700	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Indene	116	C9H8	000095-13-6	96
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

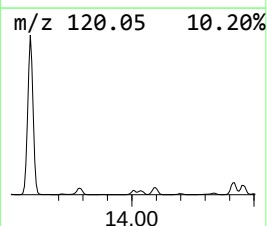
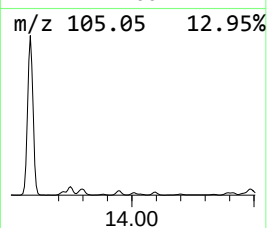
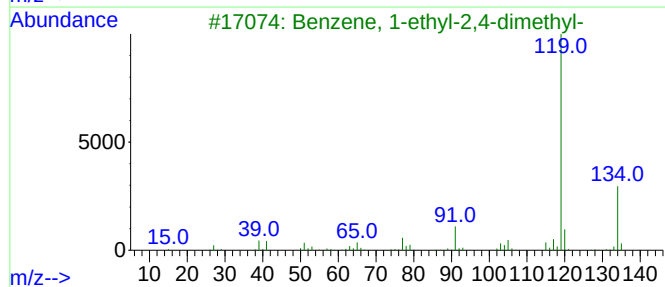
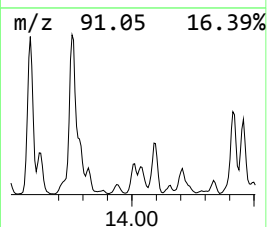
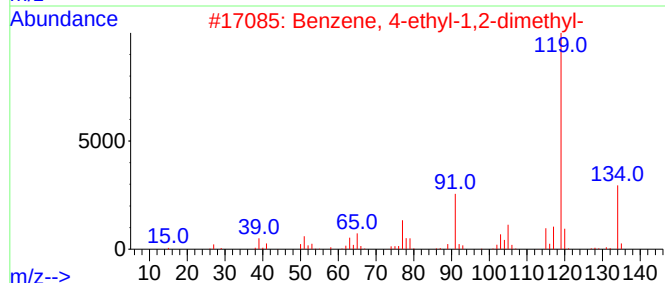
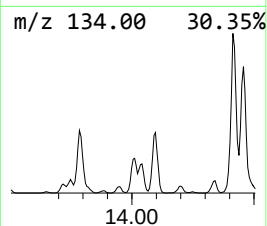
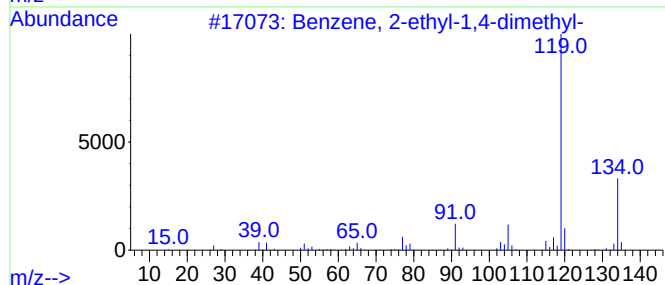
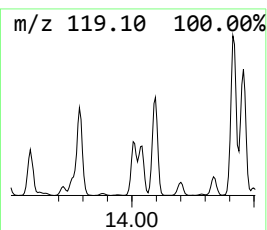
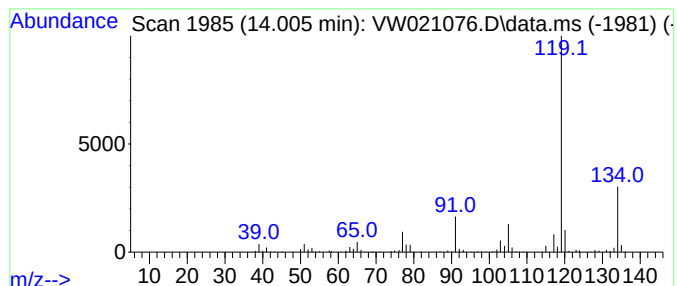
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Quant Title : SFAM01.0

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

Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	2.47 ug/L	162529	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

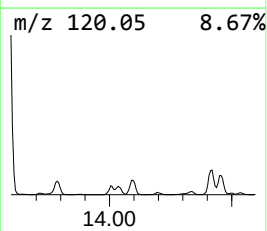
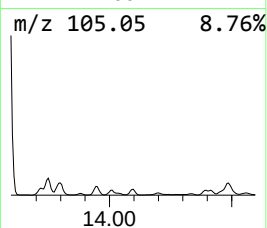
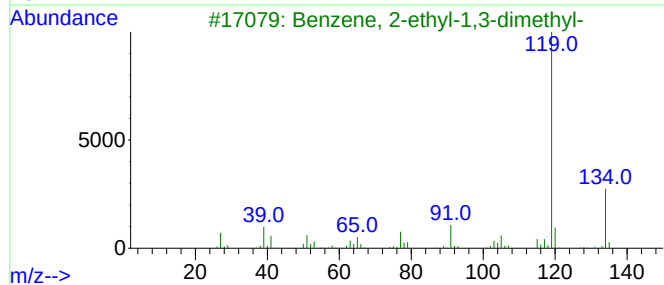
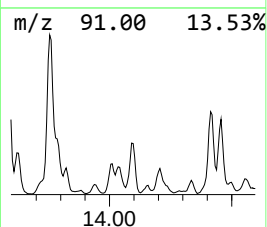
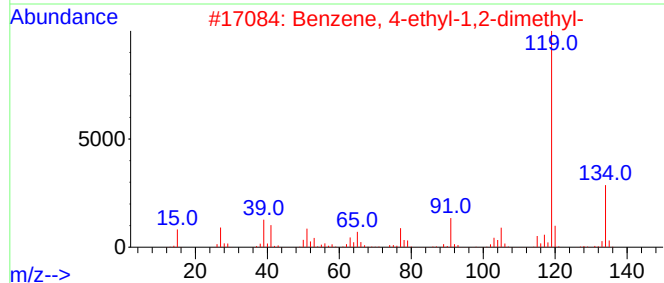
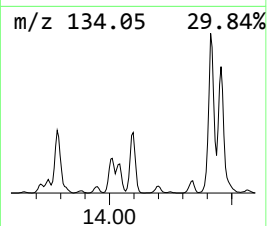
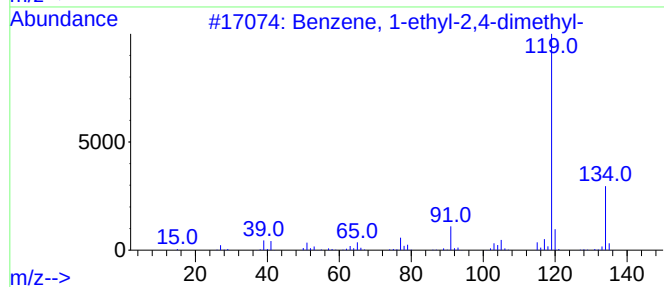
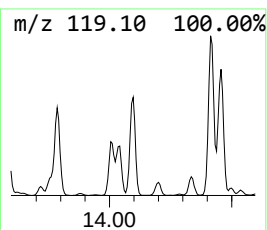
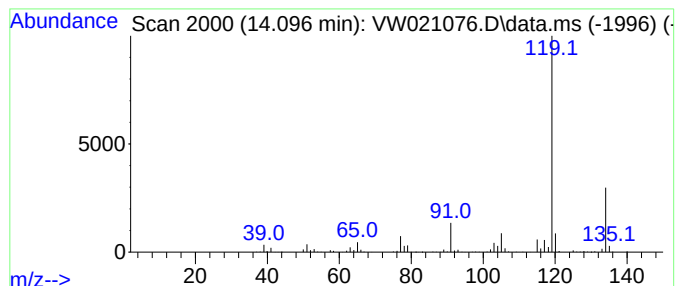
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.097	4.44 ug/L	292951	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

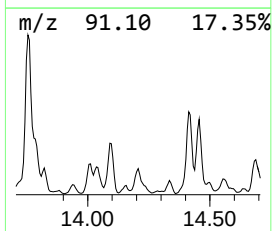
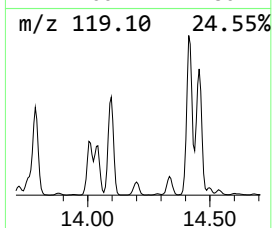
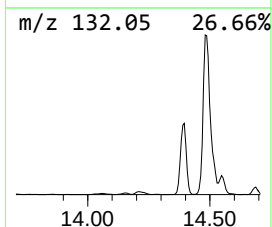
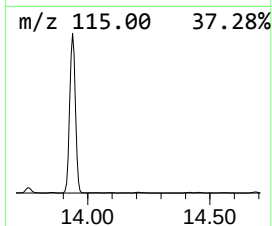
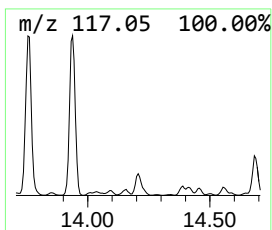
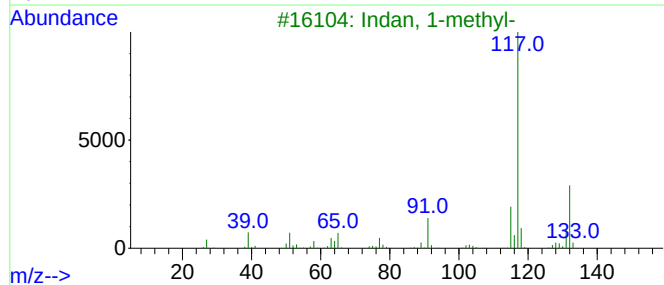
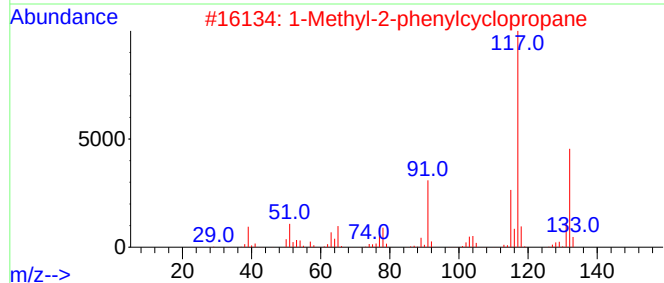
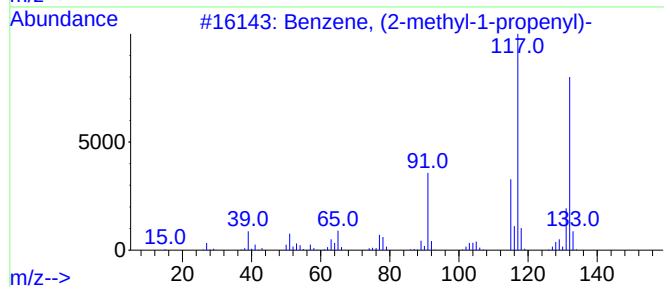
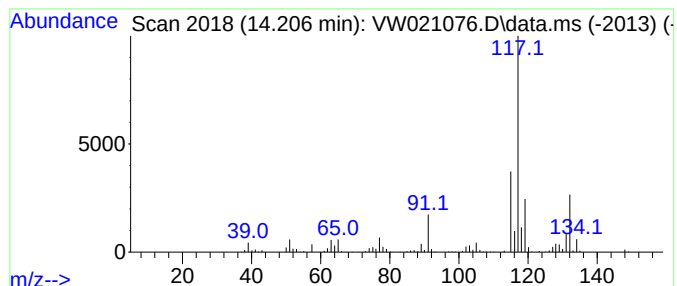
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, (2-methyl-1-propen... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.206	3.47 ug/L	228537	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	80
3			Indan, 1-methyl-	132	C10H12	000767-58-8	76
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

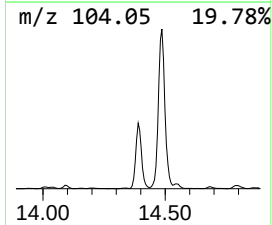
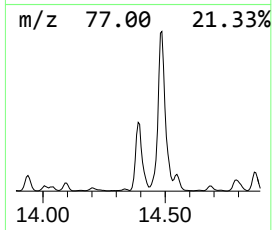
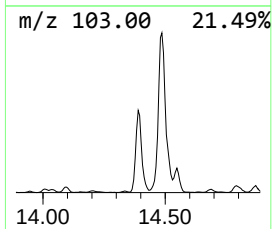
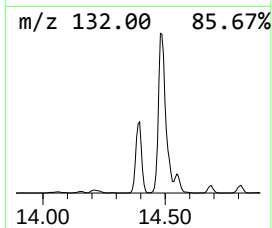
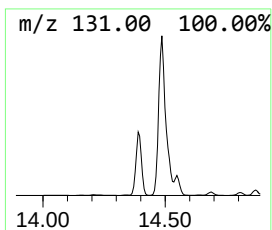
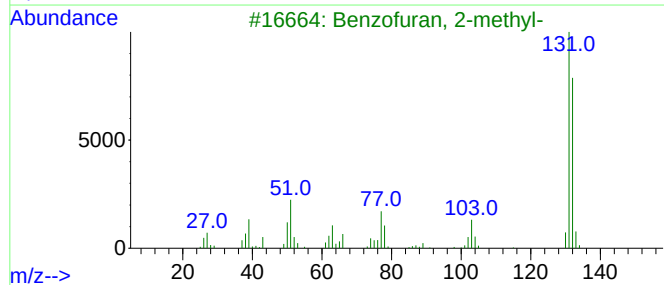
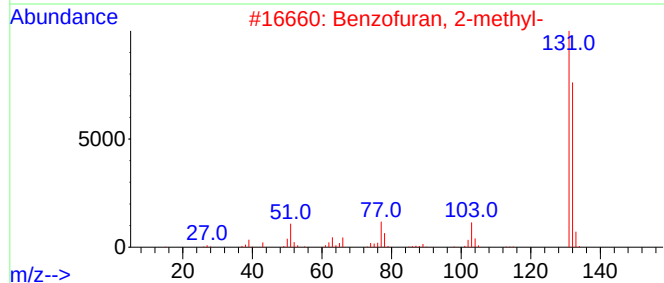
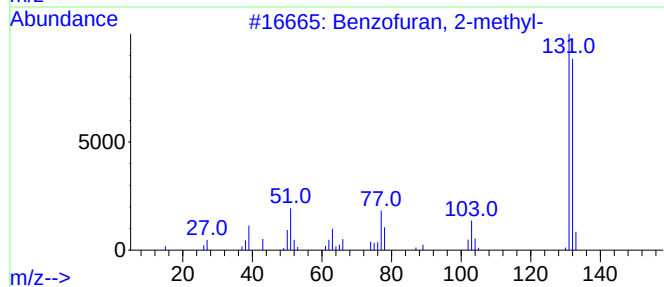
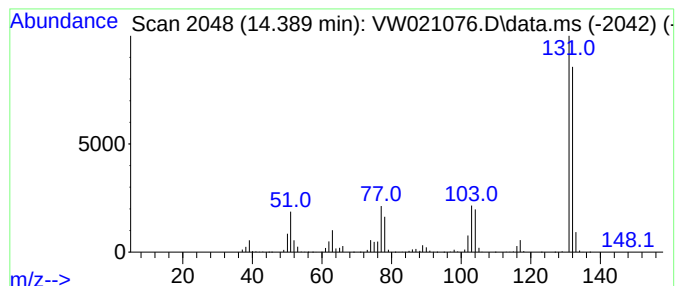
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Quant Title : SFAM01.0

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

Peak Number 16 Benzfuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.389	31.20 ug/L	2056710	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4			Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	91
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

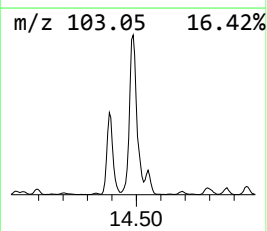
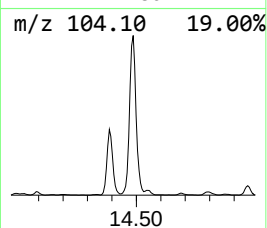
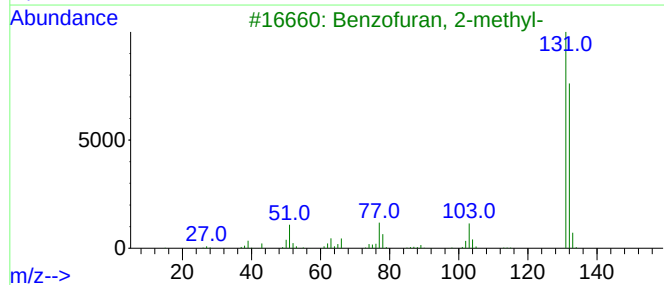
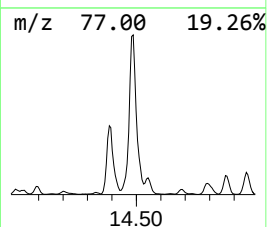
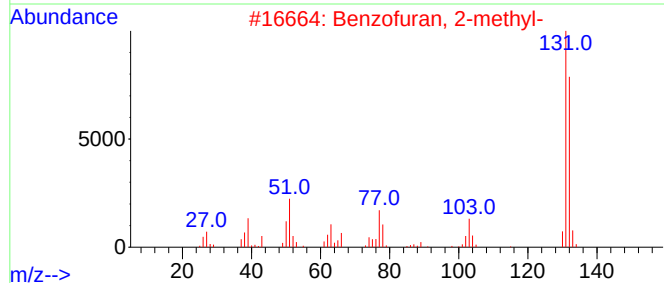
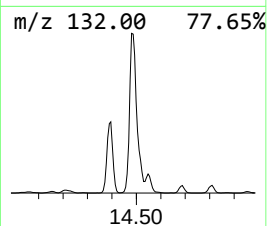
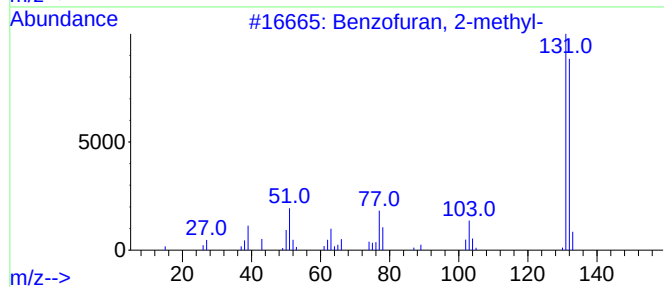
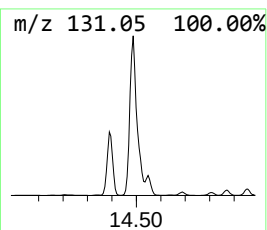
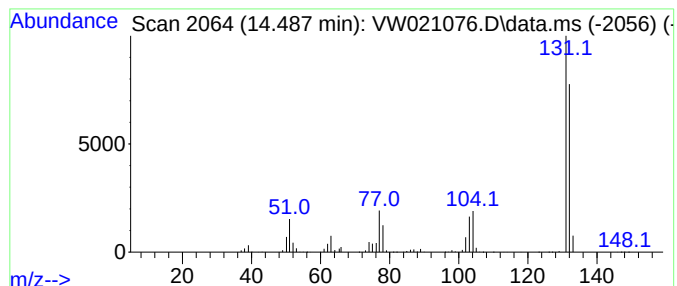
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Quant Title : SFAM01.0

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

Peak Number 17 2-Propenal, 3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.487	64.10 ug/L	4226020	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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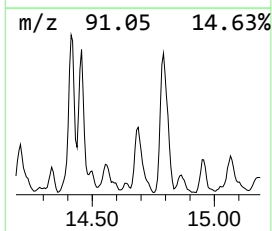
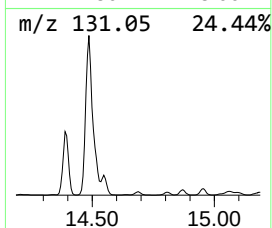
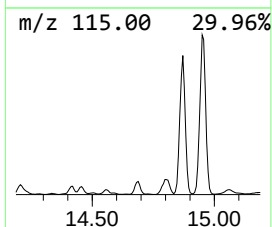
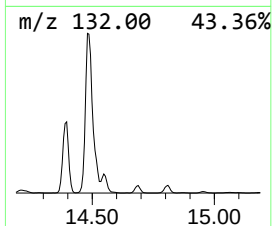
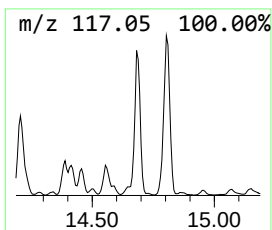
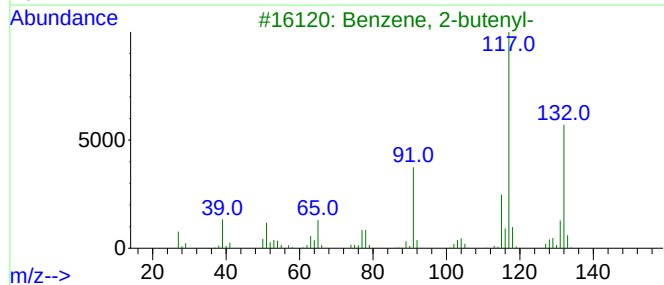
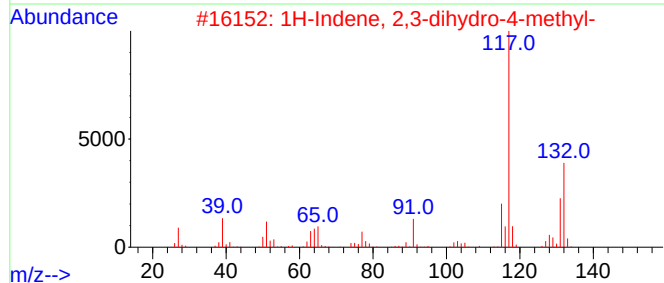
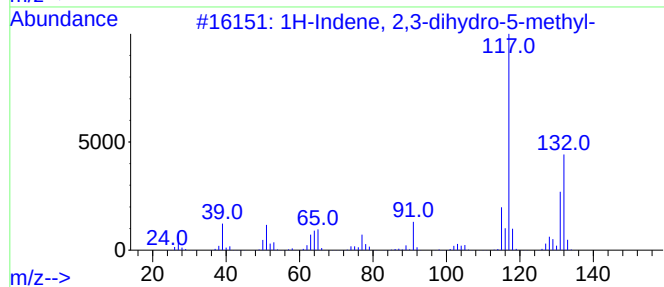
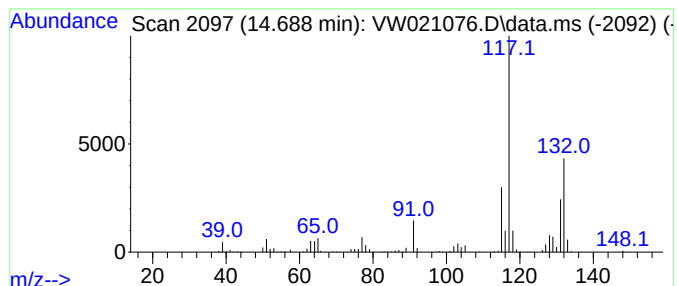
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Quant Title : SFAM01.0

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

Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	4.25 ug/L	280095	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

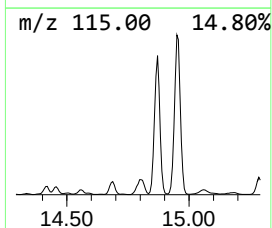
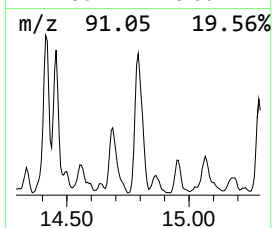
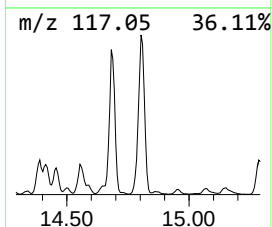
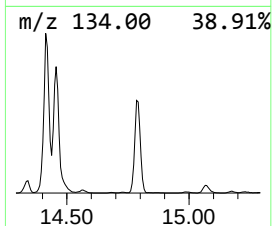
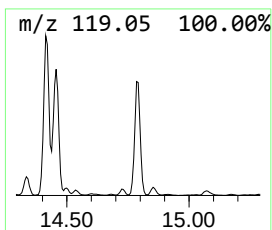
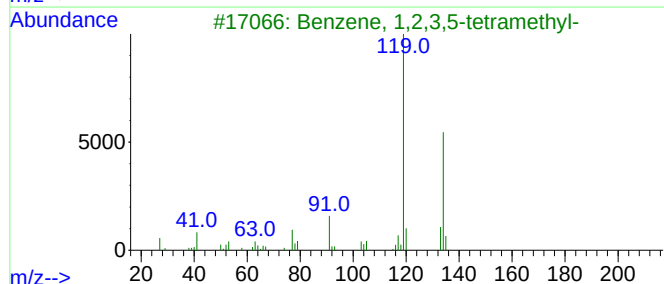
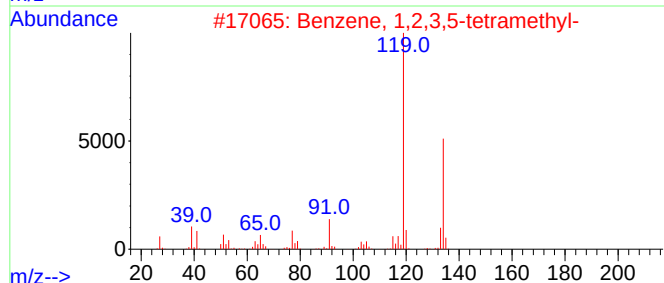
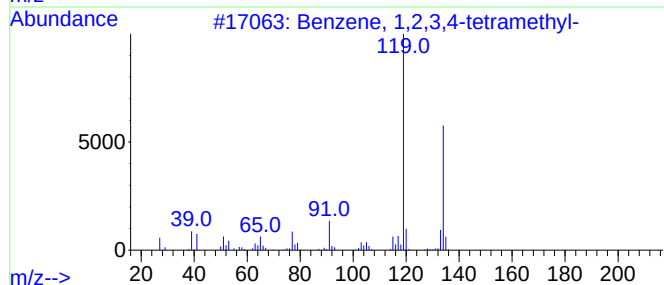
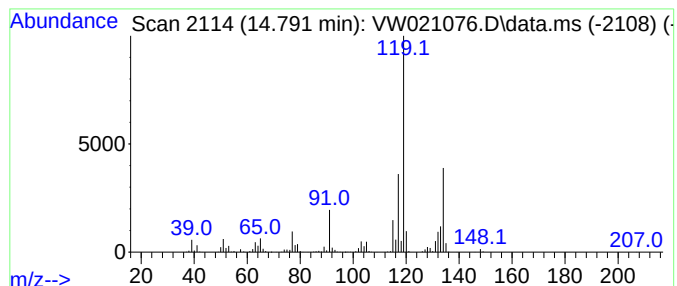
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.791	10.82 ug/L	713510	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

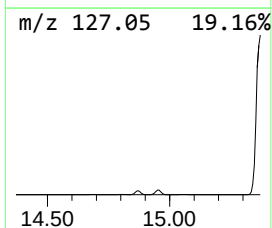
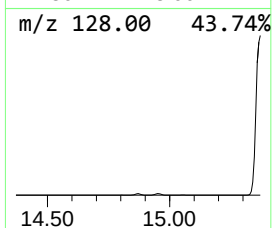
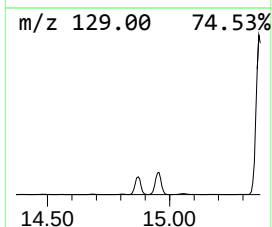
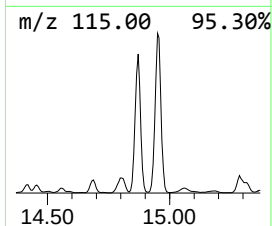
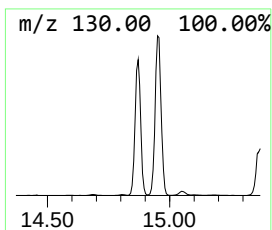
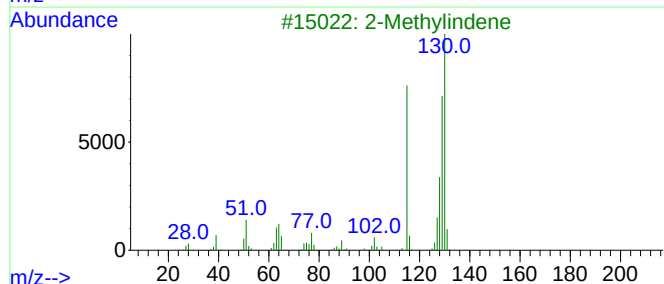
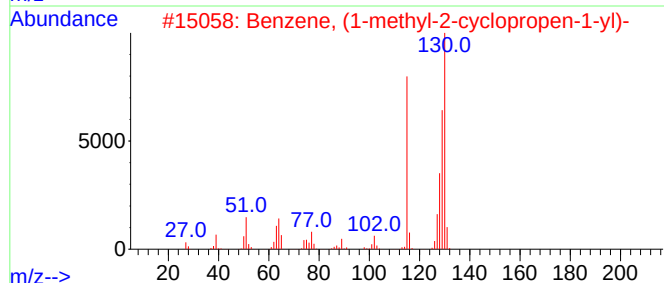
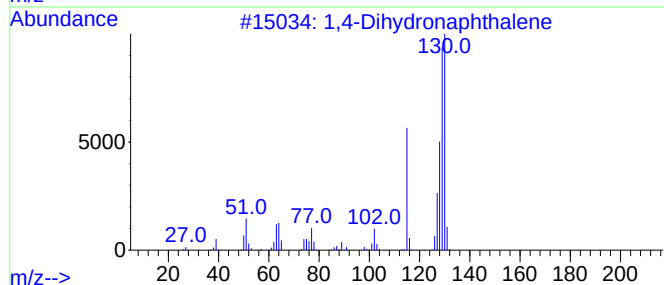
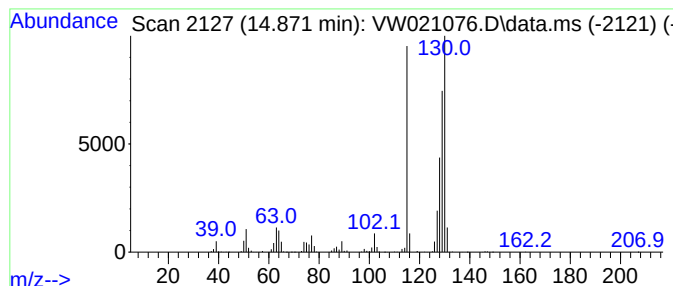
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Quant Title : SFAM01.0

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

Peak Number 20 1,4-Dihydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.871	20.70 ug/L	1364660	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3			2-Methylindene	130	C10H10	002177-47-1	95
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

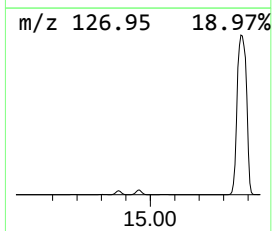
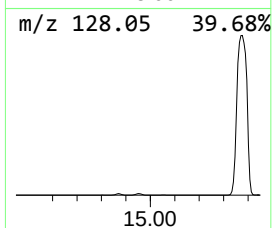
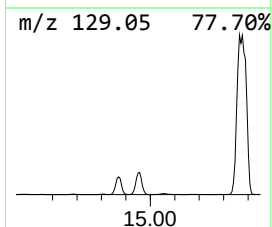
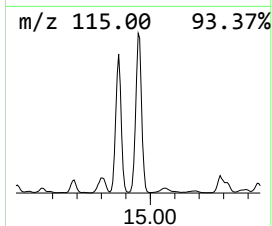
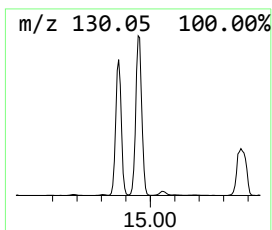
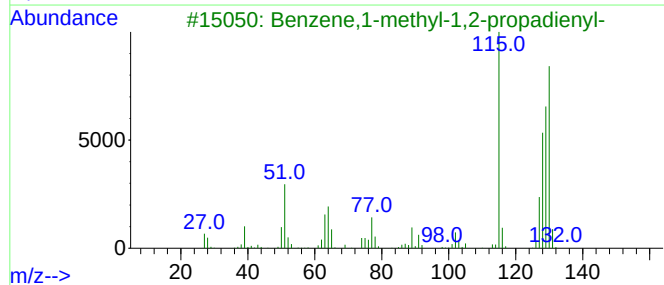
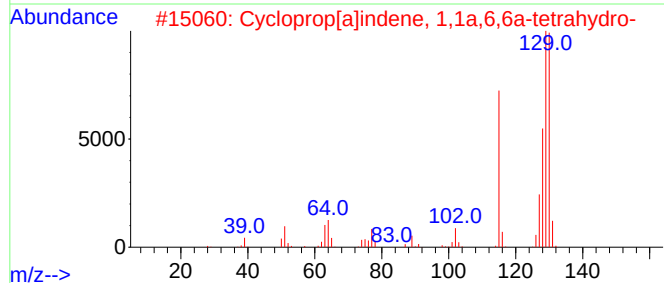
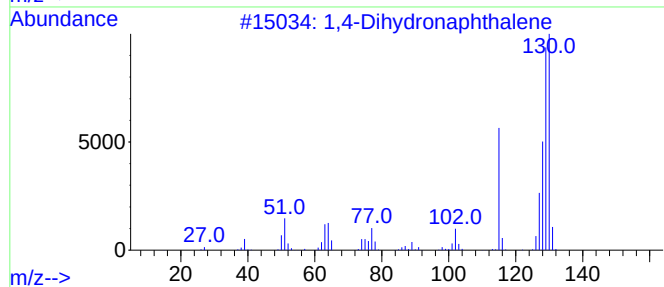
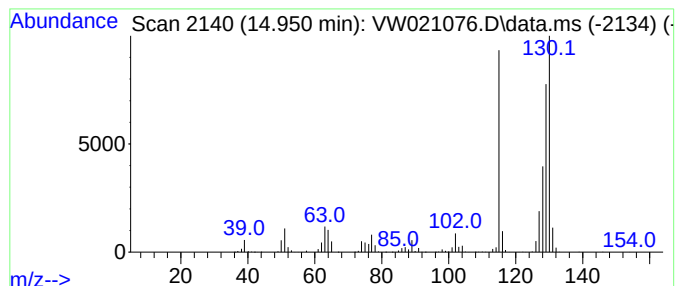
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Quant Title : SFAM01.0

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

Peak Number 21 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	25.65 ug/L	1691140	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
2			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4			2-Methylindene	130	C10H10	002177-47-1	94
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

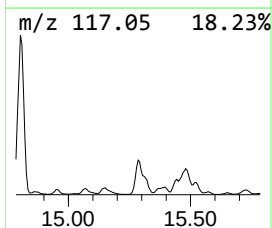
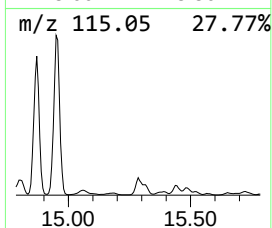
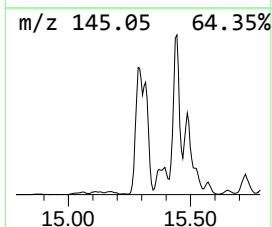
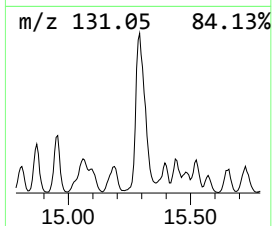
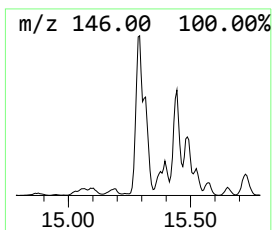
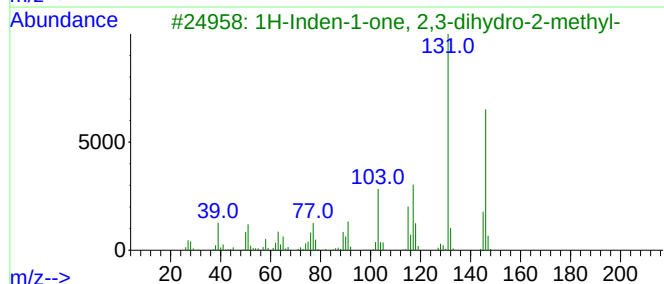
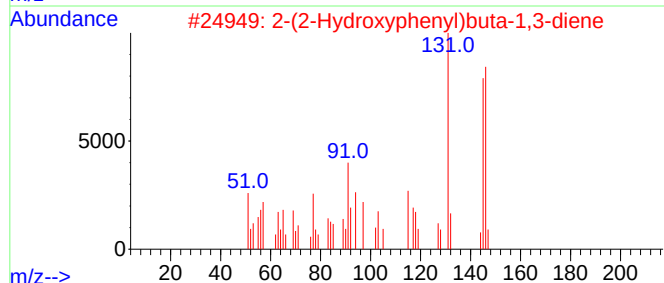
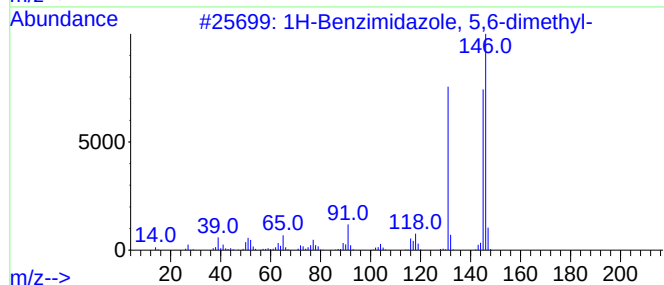
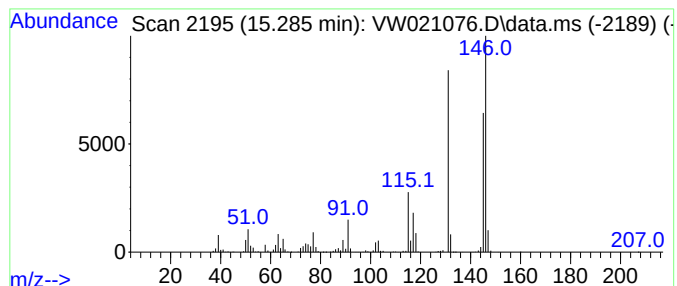
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Quant Title : SFAM01.0

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

Peak Number 22 1H-Benzimidazole, 5,6-dimet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.285	13.40 ug/L	883735	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	90
2			2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	86
3			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	80
4			2-Amino-4,6-dimethylbenzonitrile	146	C9H10N2	1010461-05-1	80
5			1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

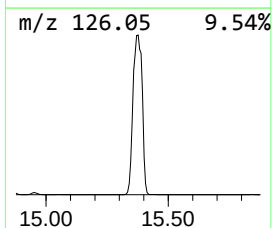
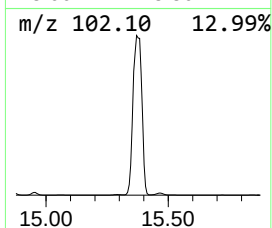
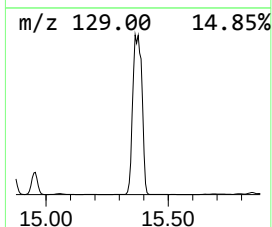
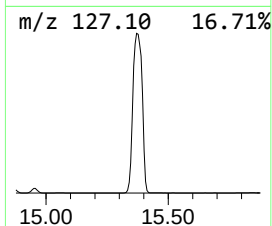
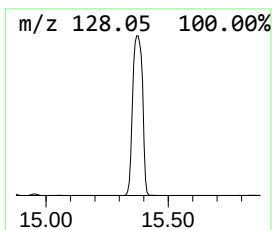
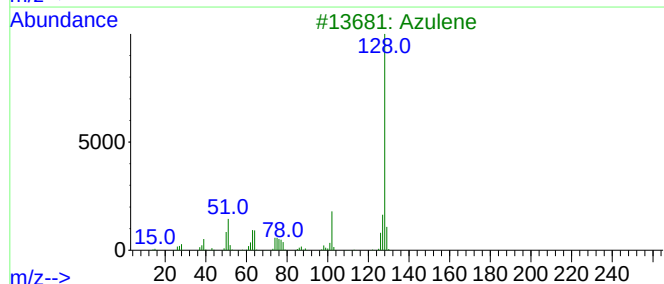
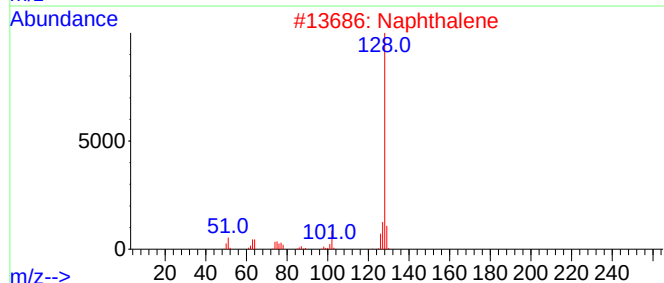
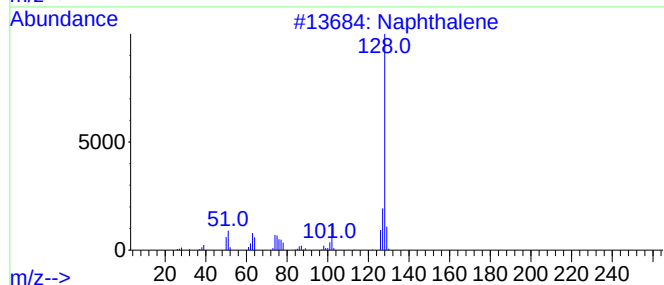
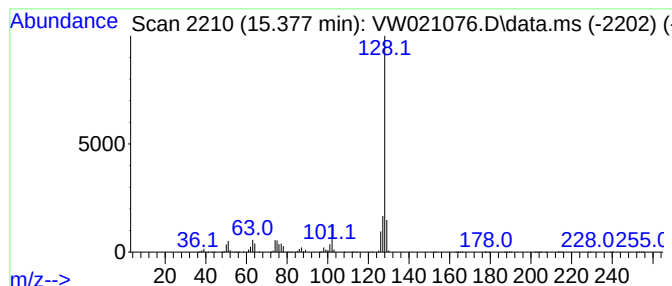
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Quant Title : SFAM01.0

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

Peak Number 23 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.377	730.49 ug/L	48160100	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Naphthalene	128	C10H8	000091-20-3	91
3			Azulene	128	C10H8	000275-51-4	91
4			Azulene	128	C10H8	000275-51-4	91
5			Naphthalene	128	C10H8	000091-20-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

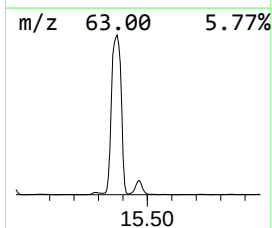
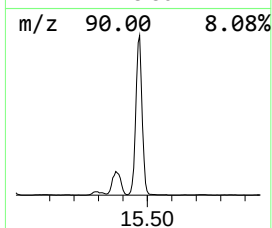
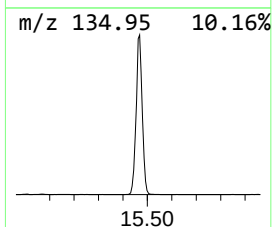
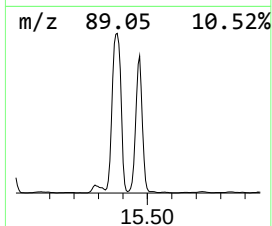
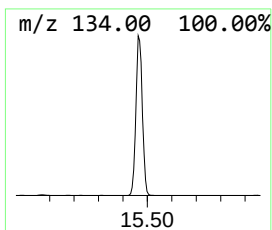
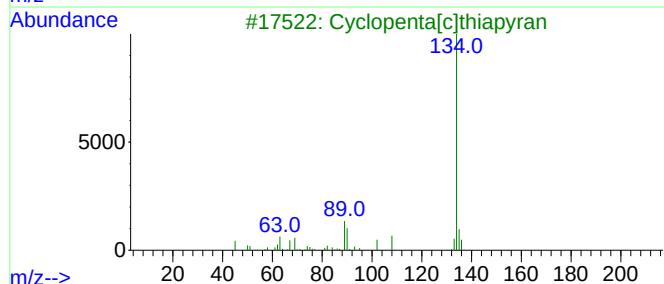
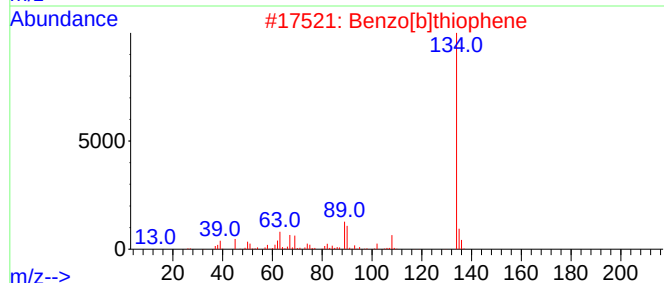
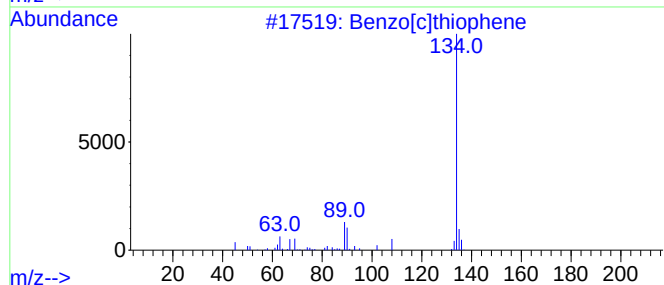
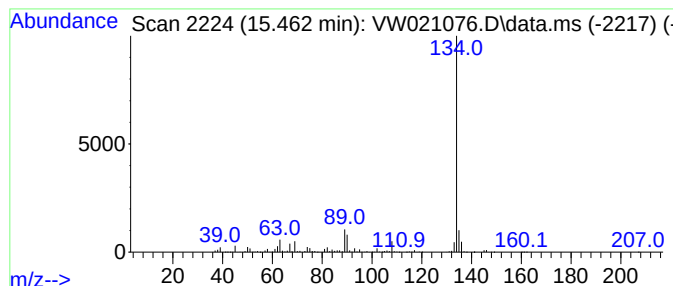
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Quant Title : SFAM01.0

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

Peak Number 24 Benzo[c]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	44.30 ug/L	2920790	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

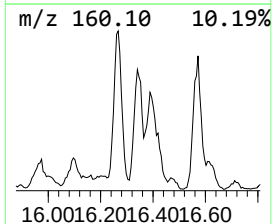
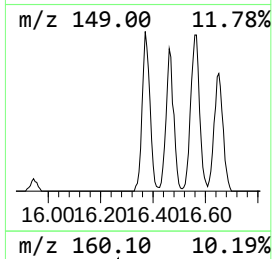
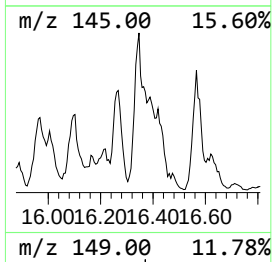
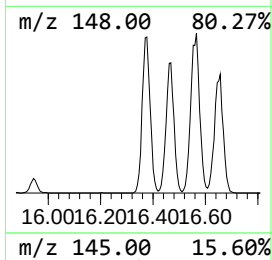
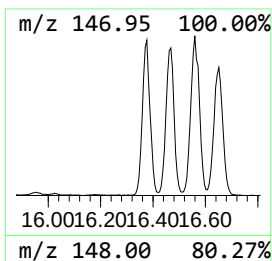
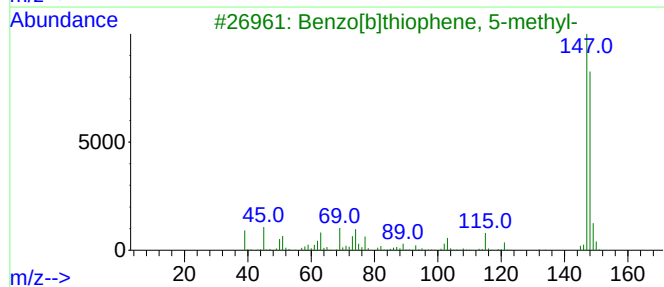
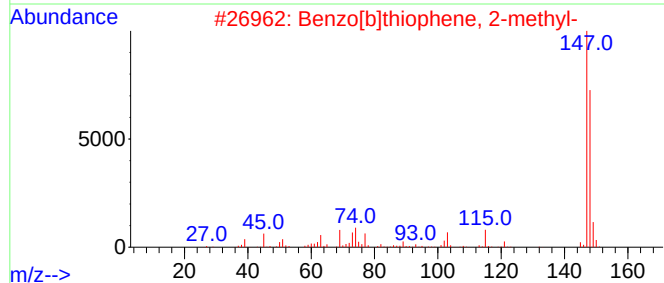
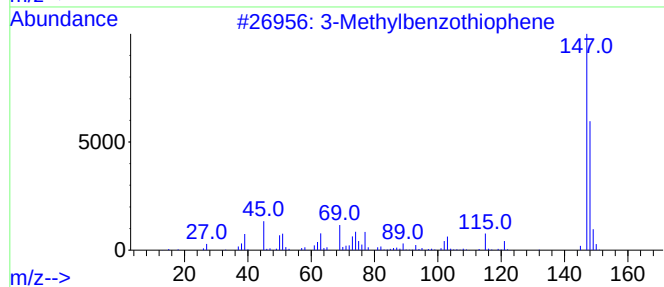
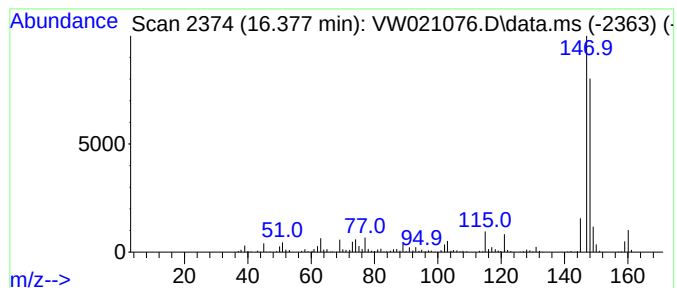
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Quant Title : SFAM01.0

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

Peak Number 25 3-Methylbenzothiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.377	4.13 ug/L	272532	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
2			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
3			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	83
4			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	83
5			3-Methylbenzothiophene	148	C9H8S	001455-18-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

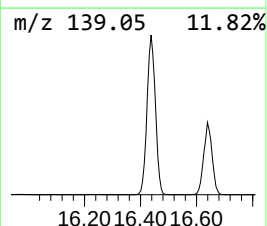
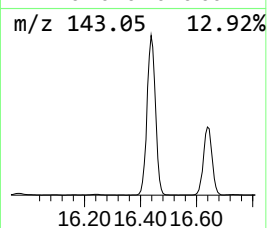
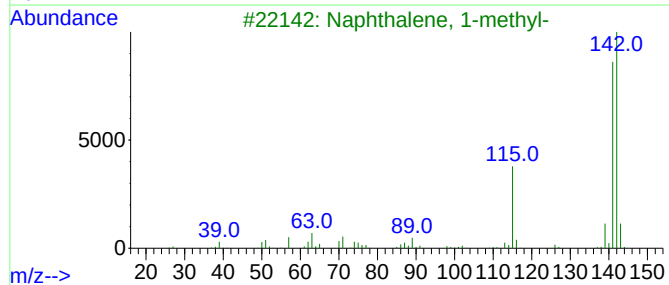
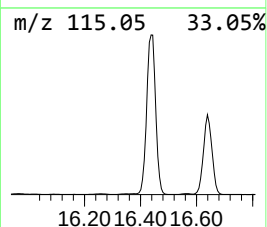
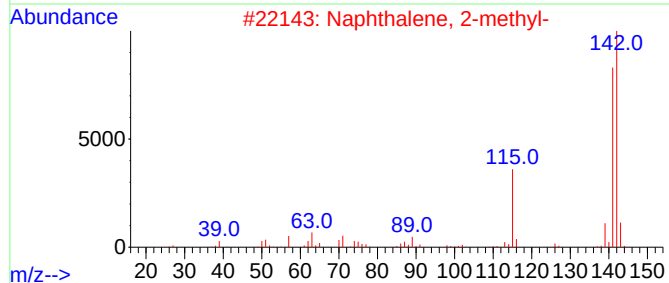
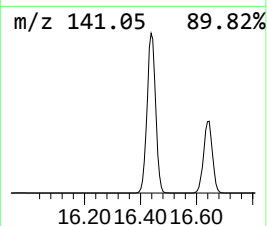
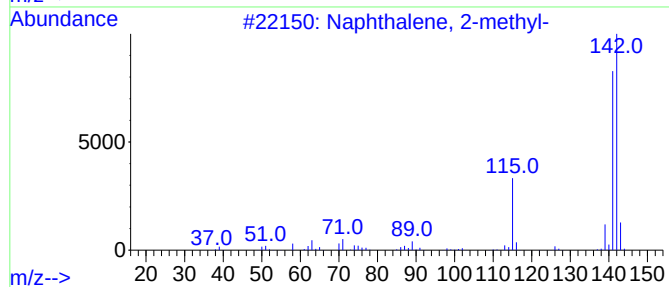
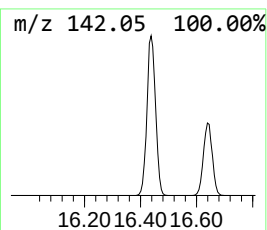
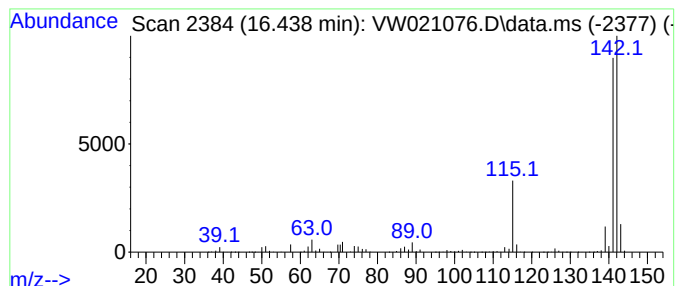
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Quant Title : SFAM01.0

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

Peak Number 26 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	166.98 ug/L	11008900	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	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

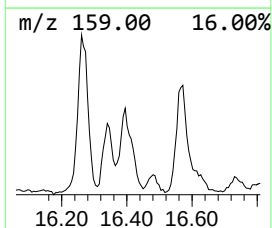
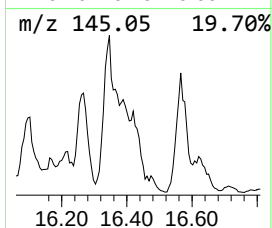
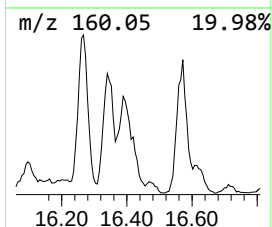
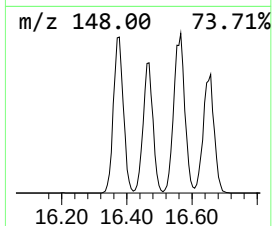
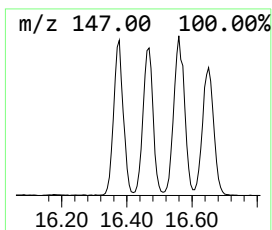
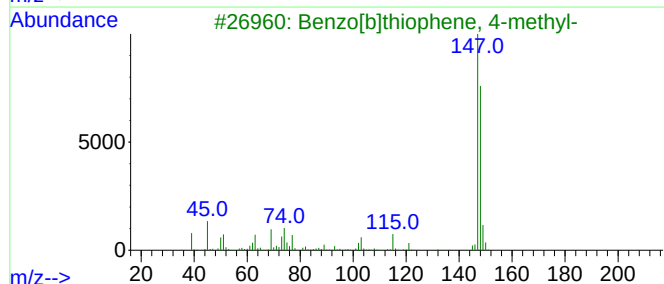
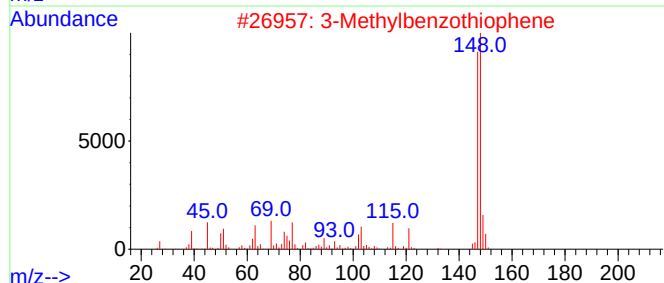
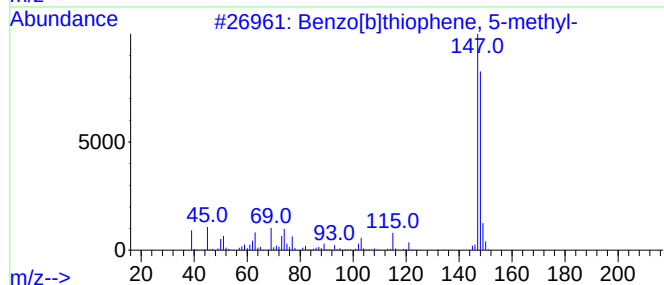
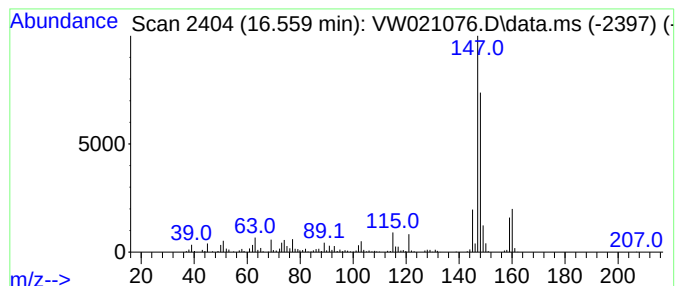
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Quant Title : SFAM01.0

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

Peak Number 27 Benzo[b]thiophene, 5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.560	4.11 ug/L	270726	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81
2			3-Methylbenzothiophene	148	C9H8S	001455-18-1	78
3			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	74
4			3-Methylbenzothiophene	148	C9H8S	001455-18-1	70
5			3-Methylbenzothiophene	148	C9H8S	001455-18-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021076.D
Acq On : 03 Dec 2021 20:04
Operator : SY/VA
Sample : M4886-07
Misc : 5.39g/10.0mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EX888

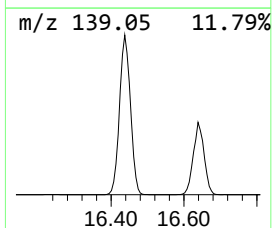
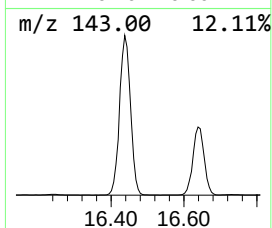
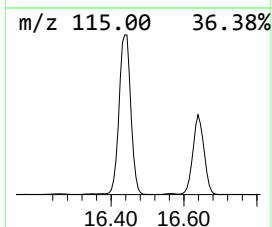
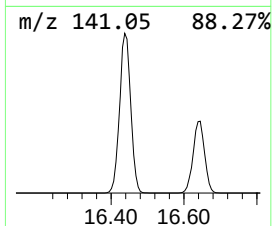
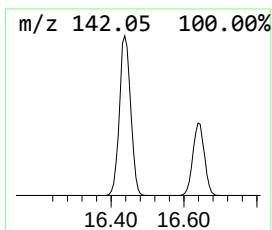
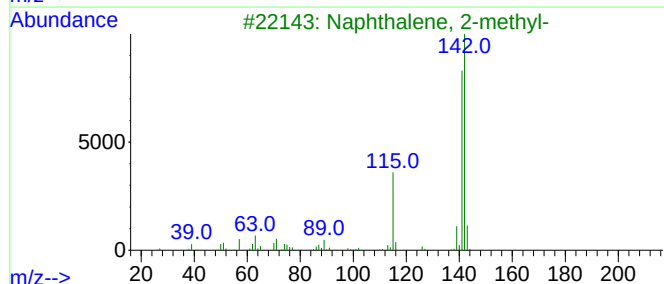
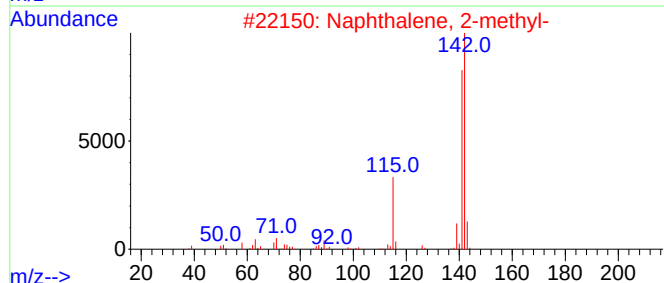
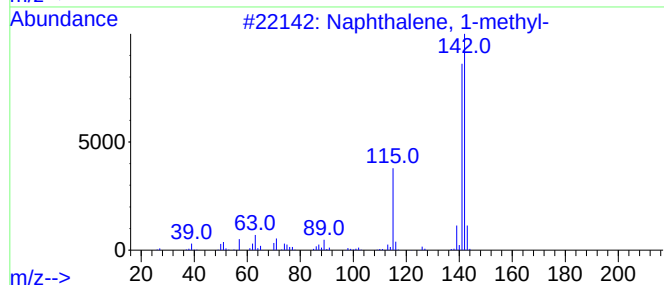
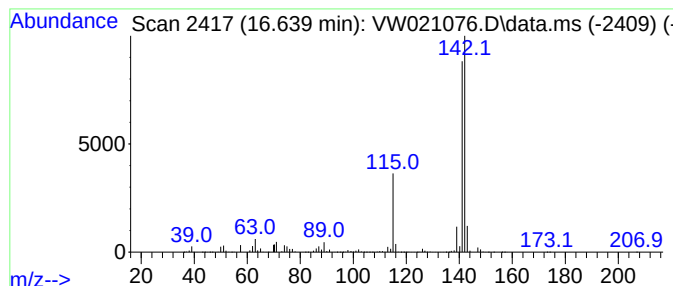
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Quant Title : SFAM01.0

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

Peak Number 28 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	79.68 ug/L	5253050	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, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021076.D
 Acq On : 03 Dec 2021 20:04
 Operator : SY/VA
 Sample : M4886-07
 Misc : 5.39g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX888

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.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
Thiophene	8.567	1.9	ug/L	11574	1	8.841	150793	25.0
Thiophene, 3-me...	10.500	3.3	ug/L	22827	2	11.627	170735	25.0
Thiophene, 2-me...	10.646	2.4	ug/L	16544	2	11.627	170735	25.0
Thiophene, 3,4-...	11.969	11.1	ug/L	75486	2	11.627	170735	25.0
Thiophene, 2,5-...	12.347	7.8	ug/L	53432	2	11.627	170735	25.0
Benzene, 1-ethy...	12.865	10.6	ug/L	700157	3	13.560	1648210	25.0
Benzene, 1-ethy...	13.103	6.2	ug/L	405227	3	13.560	1648210	25.0
Benzofuran	13.475	63.0	ug/L	4151380	3	13.560	1648210	25.0
Indane	13.755	21.8	ug/L	1439320	3	13.560	1648210	25.0
Indene	13.938	175.7	ug/L	11584700	3	13.560	1648210	25.0
Benzene, 2-ethy...	14.005	2.5	ug/L	162529	3	13.560	1648210	25.0
Benzene, 1-ethy...	14.097	4.4	ug/L	292951	3	13.560	1648210	25.0
Benzene, (2-met...	14.206	3.5	ug/L	228537	3	13.560	1648210	25.0
Benzofuran, 2-m...	14.389	31.2	ug/L	2056710	3	13.560	1648210	25.0
2-Propenal, 3-p...	14.487	64.1	ug/L	4226020	3	13.560	1648210	25.0
1H-Indene, 2,3-...	14.688	4.3	ug/L	280095	3	13.560	1648210	25.0
Benzene, 1,2,3,...	14.791	10.8	ug/L	713510	3	13.560	1648210	25.0
1,4-Dihydronaph...	14.871	20.7	ug/L	1364660	3	13.560	1648210	25.0
Cycloprop[a]ind...	14.950	25.6	ug/L	1691140	3	13.560	1648210	25.0
1H-Benzimidazol...	15.285	13.4	ug/L	883735	3	13.560	1648210	25.0
Azulene	15.377	730.5	ug/L	48160100	3	13.560	1648210	25.0
Benzo[c]thiophene	15.462	44.3	ug/L	2920790	3	13.560	1648210	25.0
3-Methylbenzoth...	16.377	4.1	ug/L	272532	3	13.560	1648210	25.0
Naphthalene, 2-...	16.438	167.0	ug/L	11008900	3	13.560	1648210	25.0
Benzo[b]thiophe...	16.560	4.1	ug/L	270726	3	13.560	1648210	25.0
Naphthalene, 1-...	16.639	79.7	ug/L	5253050	3	13.560	1648210	25.0