

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027108.D
 Acq On : 14 Sep 2023 17:27
 Operator : SY/MD
 Sample : VIBLK509
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK509

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.009	18	20	22	rVB3	2546	1500	0.02%	0.003%
2	2.174	42	47	48	rBV3	2874	4347	0.06%	0.009%
3	2.223	48	55	56	rBV7	13998	23349	0.34%	0.048%
4	2.369	71	79	90	rBV	97892	286209	4.15%	0.584%
5	2.893	158	165	182	rBV	99172	298209	4.32%	0.609%
6	3.033	186	188	189	rBV2	4171	2526	0.04%	0.005%
7	3.308	231	233	235	rBV3	1859	1401	0.02%	0.003%
8	3.332	235	237	241	rVB5	1658	1452	0.02%	0.003%
9	3.399	241	248	252	rBV8	4473	9208	0.13%	0.019%
10	3.466	257	259	260	rBV2	1792	1425	0.02%	0.003%
11	3.521	265	268	270	rBV4	2056	3177	0.05%	0.006%
12	3.643	286	288	291	rVB4	2606	2919	0.04%	0.006%
13	3.777	307	310	312	rVB4	1284	1353	0.02%	0.003%
14	3.795	312	313	318	rVB5	2040	2371	0.03%	0.005%
15	3.887	327	328	331	rVB2	2232	1652	0.02%	0.003%
16	3.942	334	337	338	rBV3	1162	1241	0.02%	0.003%
17	4.021	338	350	375	rBV	210610	795933	11.53%	1.625%
18	4.186	375	377	380	rVB4	2443	1928	0.03%	0.004%
19	4.234	383	385	388	rVB4	1492	1658	0.02%	0.003%
20	4.381	400	409	421	rBV2	17263	54138	0.78%	0.111%
21	4.478	424	425	429	rVB4	2341	3000	0.04%	0.006%
22	4.515	429	431	433	rBV3	2076	2280	0.03%	0.005%
23	4.545	433	436	437	rBV3	1551	1778	0.03%	0.004%
24	4.594	443	444	447	rBV3	1421	1695	0.02%	0.003%
25	4.850	483	486	487	rBV3	2911	2718	0.04%	0.006%
26	4.923	487	498	516	rBV	68920	286317	4.15%	0.585%
27	5.094	522	526	527	rBV4	2010	2510	0.04%	0.005%
28	5.118	527	530	531	rBV3	2010	1747	0.03%	0.004%
29	5.301	558	560	563	rVB4	3429	3645	0.05%	0.007%
30	5.344	563	567	569	rBV5	2415	3970	0.06%	0.008%
31	5.405	569	577	578	rBV8	1537	2532	0.04%	0.005%
32	5.423	578	580	583	rVV3	1174	1314	0.02%	0.003%
33	5.454	583	585	587	rVB3	1408	1404	0.02%	0.003%
34	5.484	587	590	594	rBV5	1156	2265	0.03%	0.005%
35	5.582	602	606	608	rVB5	1312	1805	0.03%	0.004%
36	5.612	608	611	613	rBV4	1598	1425	0.02%	0.003%

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 Title : SFAM01.0

37	5.704	624	626	628	rBV3	2563	3000	0.04%	0.006%
38	5.728	628	630	632	rVV3	2798	3573	0.05%	0.007%
39	5.759	632	635	636	rVV3	4087	5069	0.07%	0.010%
40	5.795	640	641	644	rVV3	2512	2467	0.04%	0.005%
41	5.941	652	665	674	rVV3	28011	85588	1.24%	0.175%
42	6.002	674	675	677	rVV2	1688	1244	0.02%	0.003%
43	6.137	694	697	700	rBV5	1425	1894	0.03%	0.004%
44	6.179	702	704	706	rVB3	2276	1621	0.02%	0.003%
45	6.228	706	712	715	rBV8	1983	4190	0.06%	0.009%
46	6.362	731	734	738	rBV6	1352	1999	0.03%	0.004%
47	6.582	768	770	774	rVB4	2136	2963	0.04%	0.006%
48	6.655	778	782	784	rBV5	1294	1549	0.02%	0.003%
49	6.679	784	786	790	rBV5	1022	1374	0.02%	0.003%
50	6.734	792	795	797	rBV4	1602	2048	0.03%	0.004%
51	6.905	819	823	824	rBV4	1353	1571	0.02%	0.003%
52	6.923	824	826	828	rVB3	1587	1325	0.02%	0.003%
53	7.081	843	852	854	rBV	68525	156492	2.27%	0.320%
54	7.136	854	861	875	rVB	250154	710706	10.30%	1.451%
55	7.264	881	882	884	rBV2	1307	1282	0.02%	0.003%
56	7.350	894	896	900	rVB5	2651	3271	0.05%	0.007%
57	7.557	928	930	933	rBV4	1166	1907	0.03%	0.004%
58	7.581	933	934	935	rVV	1972	1243	0.02%	0.003%
59	7.648	935	945	959	rVB	433937	1082709	15.69%	2.211%
60	7.758	959	963	968	rBV8	2912	5594	0.08%	0.011%
61	7.947	991	994	997	rVB5	2138	2693	0.04%	0.005%
62	7.984	997	1000	1002	rBV4	1445	2048	0.03%	0.004%
63	8.075	1013	1015	1018	rVV4	1483	1569	0.02%	0.003%
64	8.136	1023	1025	1027	rVB3	1740	1353	0.02%	0.003%
65	8.161	1027	1029	1032	rBV4	1805	2547	0.04%	0.005%
66	8.270	1036	1047	1063	rBV3	998976	3128113	45.32%	6.387%
67	8.691	1114	1116	1120	rBV5	2669	2971	0.04%	0.006%
68	8.746	1123	1125	1126	rBV2	2156	1833	0.03%	0.004%
69	8.843	1132	1141	1149	rBV	816553	1673877	24.25%	3.418%
70	9.026	1170	1171	1174	rBV3	3042	3632	0.05%	0.007%
71	9.276	1204	1212	1220	rBV	574853	1190424	17.25%	2.431%
72	9.660	1273	1275	1280	rBV6	4608	7447	0.11%	0.015%
73	10.032	1330	1336	1344	rBV	315863	572492	8.29%	1.169%
74	10.325	1376	1384	1394	rBV	1312365	2373061	34.38%	4.846%
75	10.575	1419	1425	1432	rBV	198624	359634	5.21%	0.734%
76	10.703	1440	1446	1452	rBV	176766	322969	4.68%	0.659%

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77	10.922	1477	1482	1488	rBV	222474	429773	6.23%	0.878%
78	11.062	1501	1505	1510	rVB2	76261	133044	1.93%	0.272%
79	11.629	1592	1598	1605	rBV	1287909	2089604	30.27%	4.267%
80	12.605	1753	1758	1765	rVB	180125	358195	5.19%	0.731%
81	12.690	1767	1772	1777	rBV	525242	874946	12.68%	1.787%
82	12.837	1779	1796	1815	rVV2	925534	5585013	80.91%	11.404%
83	13.269	1852	1867	1880	rBV3	1563142	6902819	100.00%	14.095%
84	13.416	1881	1891	1907	rVB2	871211	3749793	54.32%	7.657%
85	13.556	1908	1914	1920	rBV	1460468	2402193	34.80%	4.905%
86	13.849	1951	1962	1967	rBV	1366854	2677807	38.79%	5.468%
87	13.928	1970	1975	1986	rVB2	390790	1181809	17.12%	2.413%
88	14.269	2023	2031	2039	rBV3	163905	546395	7.92%	1.116%
89	14.513	2065	2071	2082	rVB7	126540	483767	7.01%	0.988%
90	14.635	2085	2091	2099	rVV2	95007	262335	3.80%	0.536%
91	14.733	2100	2107	2118	rBV4	195291	640983	9.29%	1.309%
92	15.050	2148	2159	2169	rBV4	408438	1646016	23.85%	3.361%
93	15.208	2180	2185	2199	rVB5	204884	703817	10.20%	1.437%
94	15.464	2207	2227	2237	rBV7	376082	1889560	27.37%	3.858%
95	15.592	2237	2248	2263	rVB2	341591	1283714	18.60%	2.621%
96	15.909	2292	2300	2312	rVB4	227805	866856	12.56%	1.770%
97	16.092	2323	2330	2339	rBV3	104165	336098	4.87%	0.686%
98	16.281	2357	2361	2364	rBV5	19883	38070	0.55%	0.078%
99	16.482	2391	2394	2405	rVB2	153699	294050	4.26%	0.600%
100	16.738	2434	2436	2444	rVB9	22623	48636	0.70%	0.099%

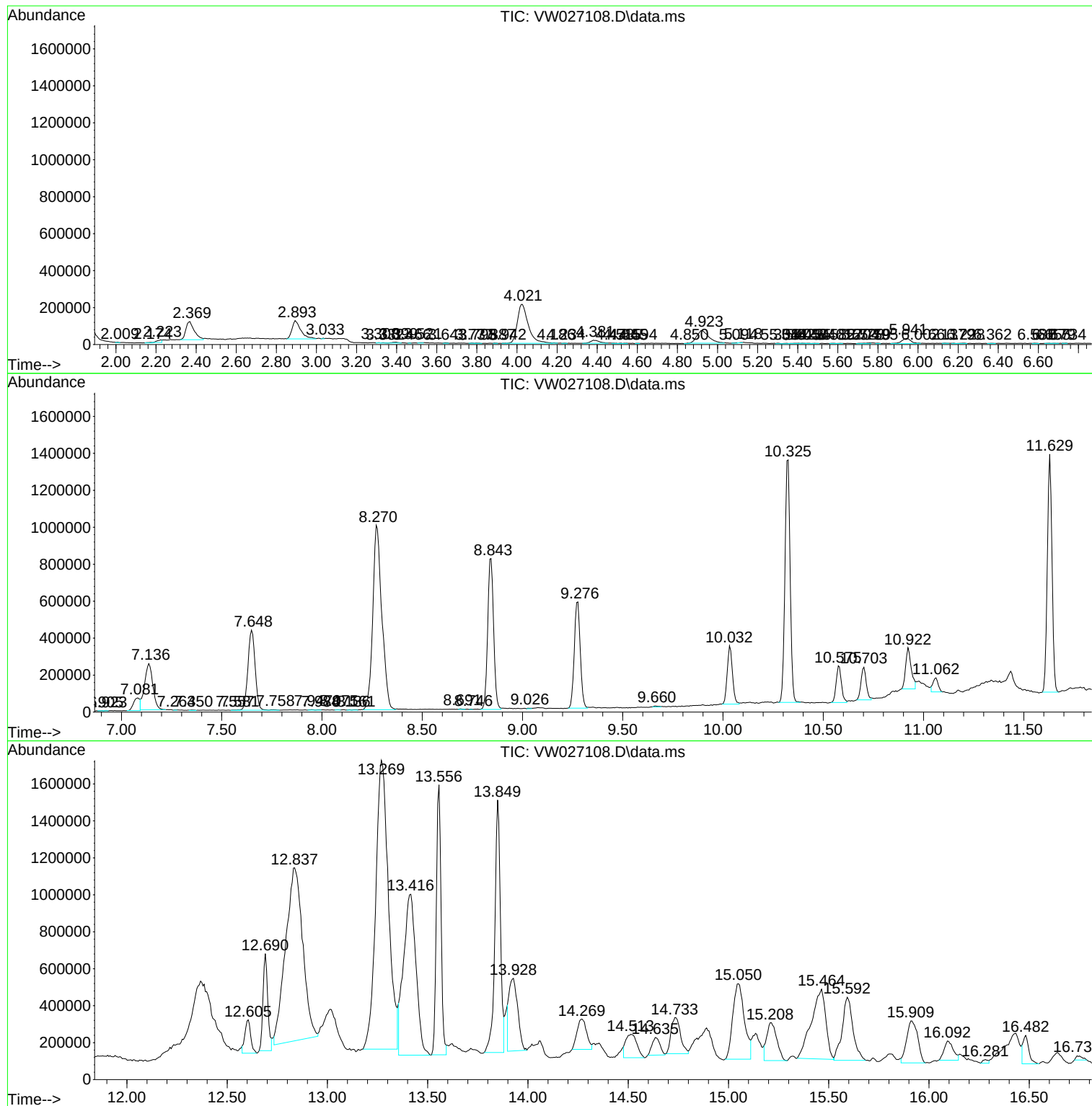
Sum of corrected areas: 48973036

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



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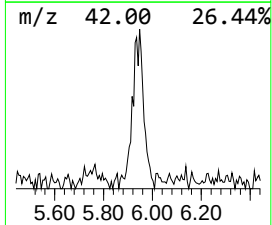
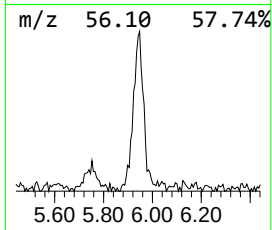
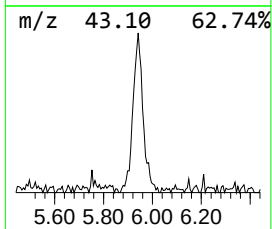
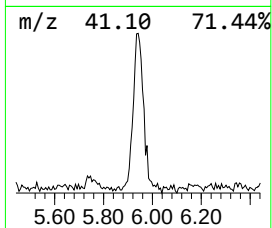
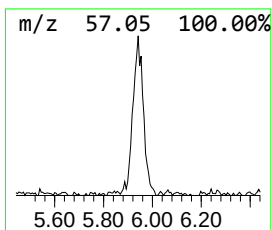
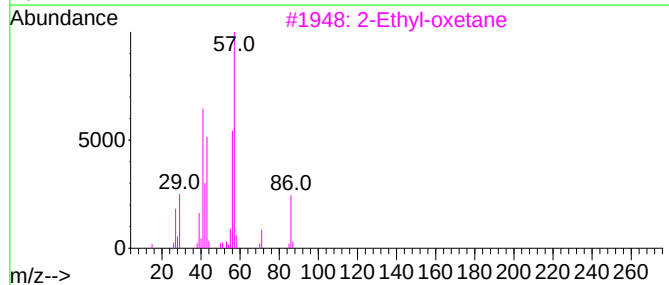
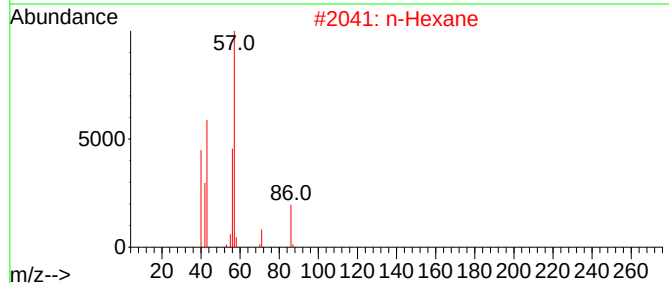
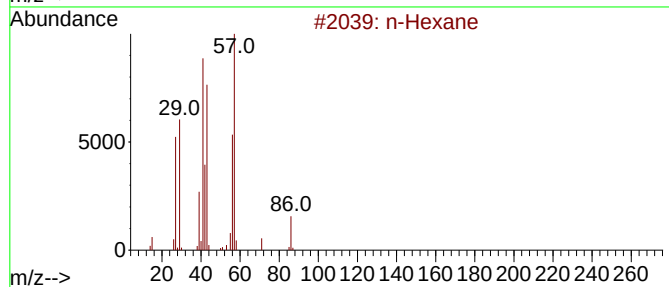
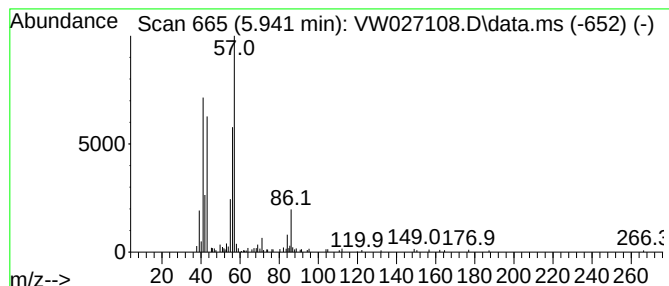
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.941	1.28 ug/L	85588	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	59
2			n-Hexane	86	C6H14	000110-54-3	50
3			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	47
4			Formic acid, hexyl ester	130	C7H14O2	000629-33-4	47
5			Formic acid, hexyl ester	130	C7H14O2	000629-33-4	47



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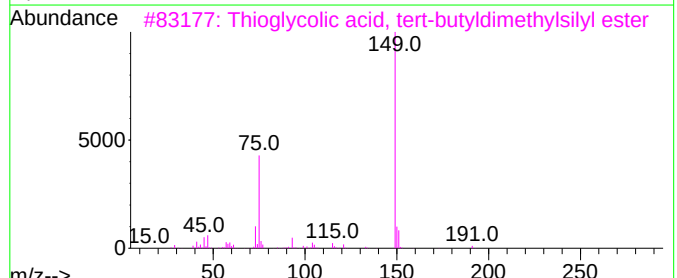
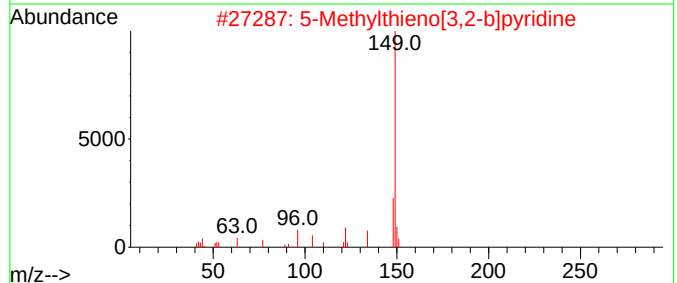
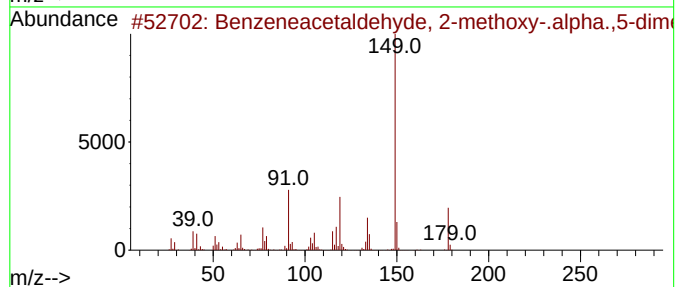
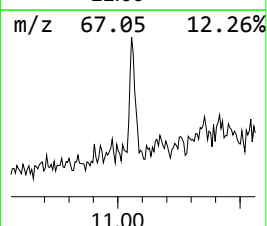
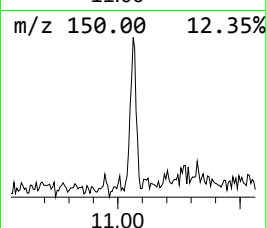
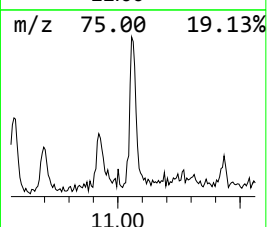
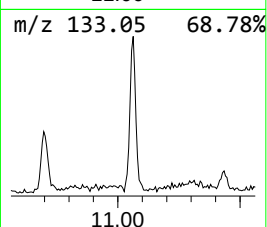
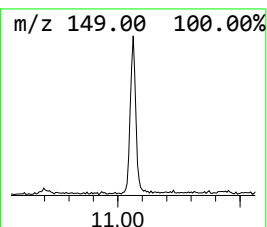
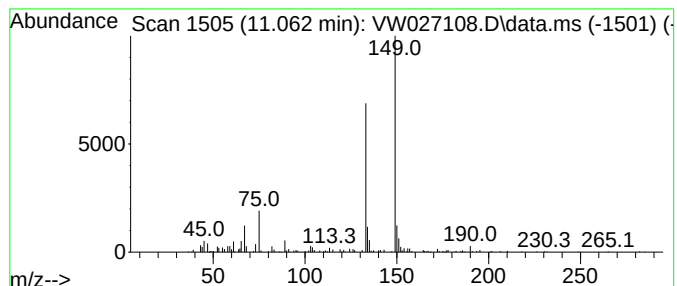
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	1.59 ug/L	133044	Chlorobenzene-d5	11.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	47
2			5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	43
3			Thioglycolic acid, tert-butyl dim...	206	C8H18O2SSi	1000476-01-2	38
4			Phthalic acid, butyl 4-methylhep...	334	C20H30O4	1000377-93-9	38
5			Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	37



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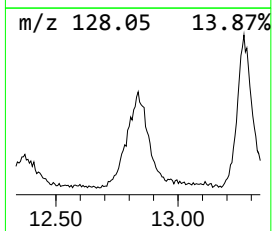
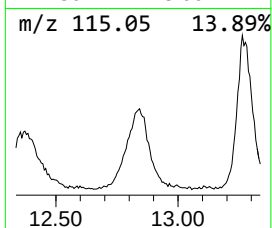
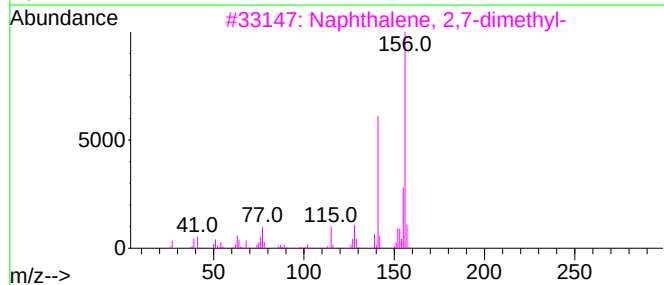
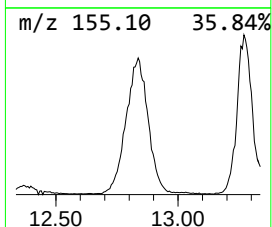
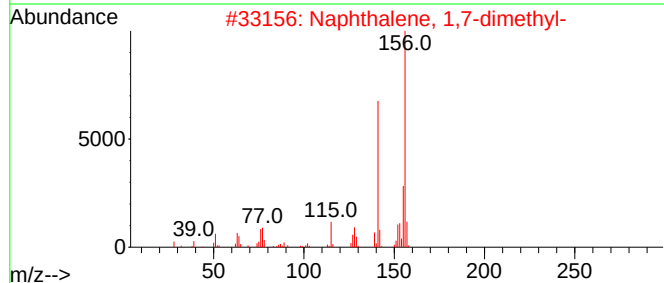
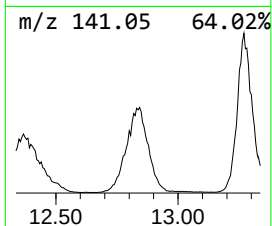
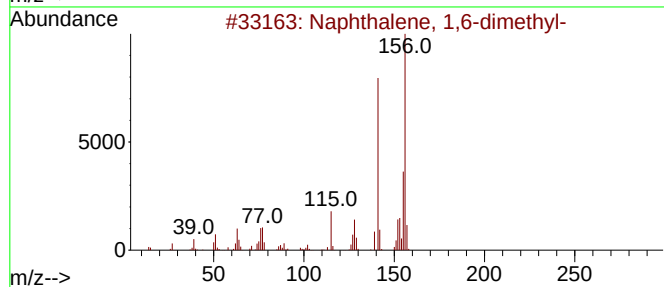
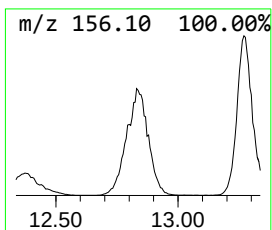
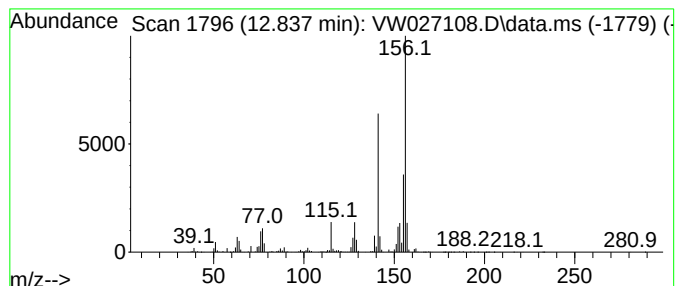
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.837	58.12 ug/L	5585010	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

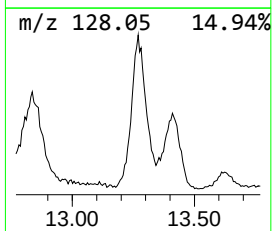
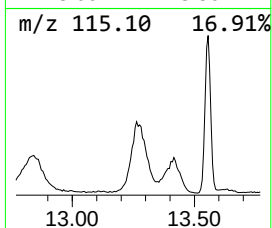
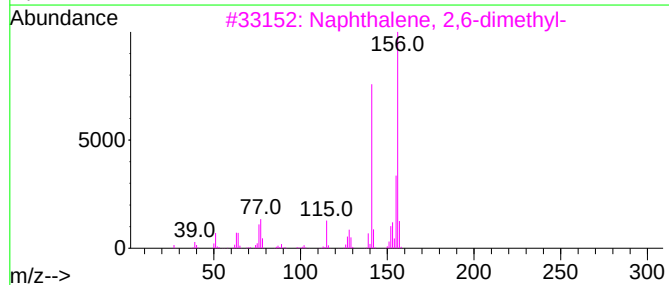
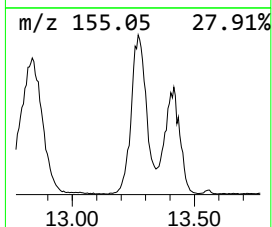
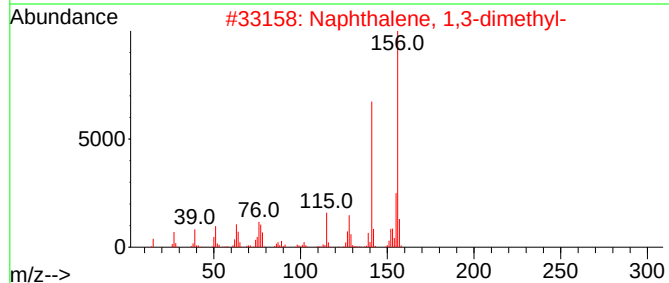
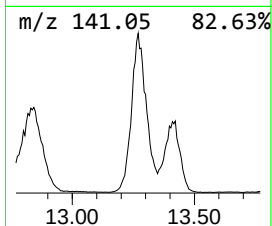
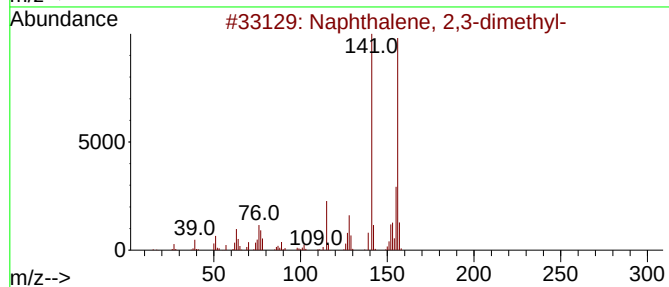
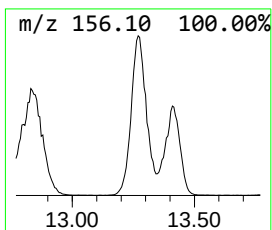
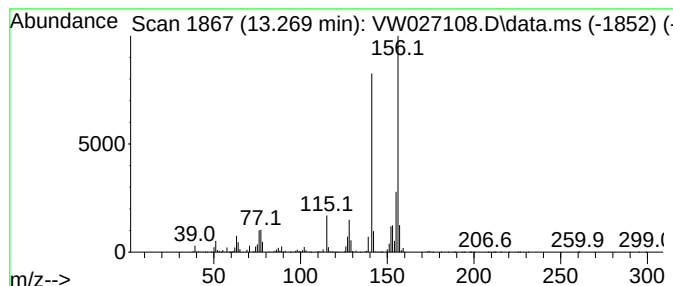
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Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	71.84 ug/L	6902820	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

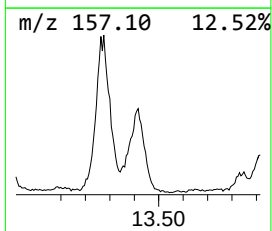
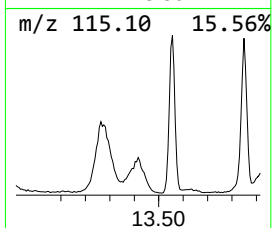
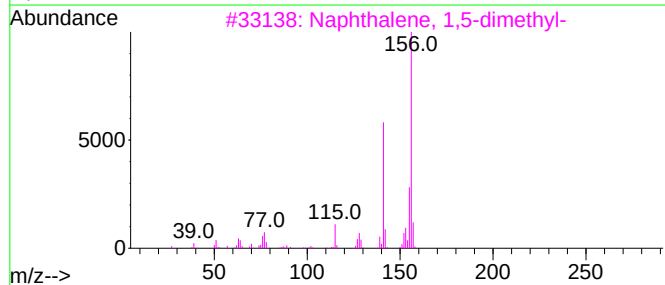
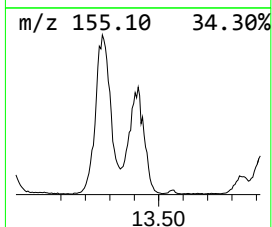
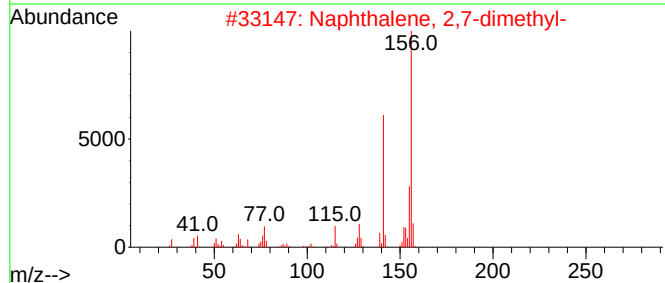
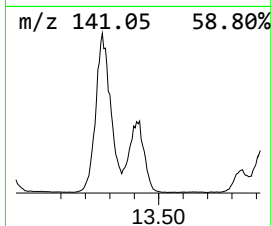
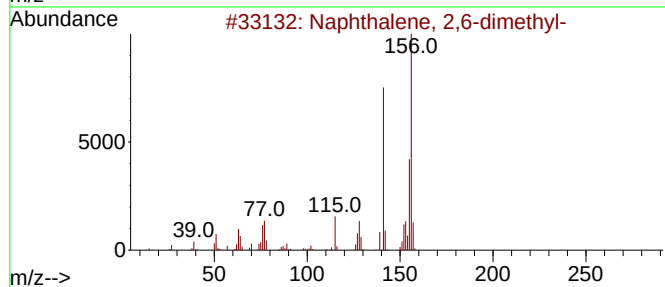
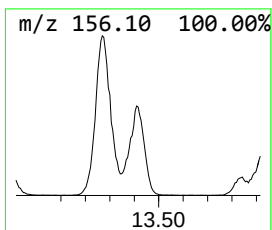
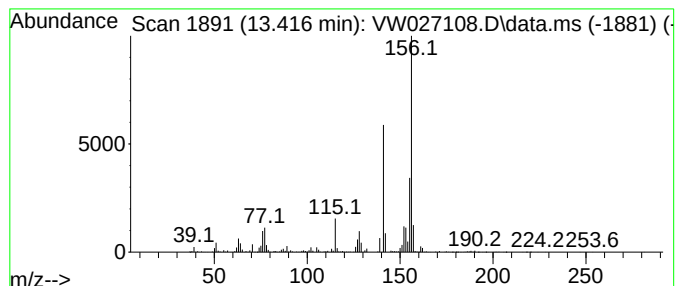
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	39.02 ug/L	3749790	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

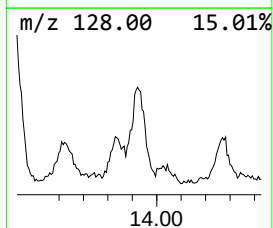
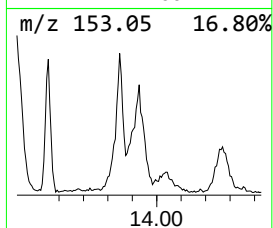
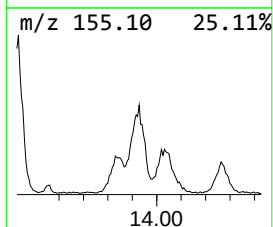
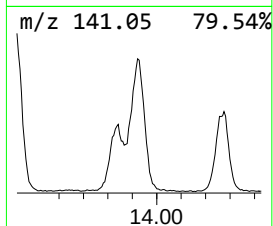
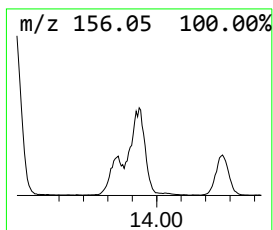
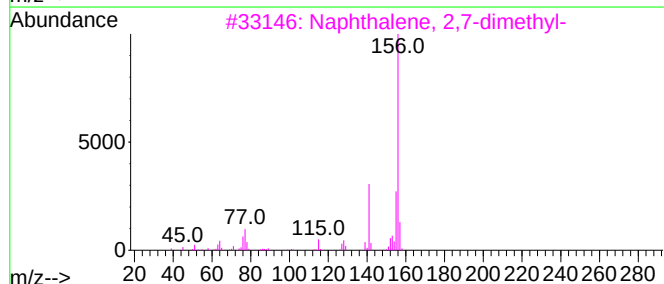
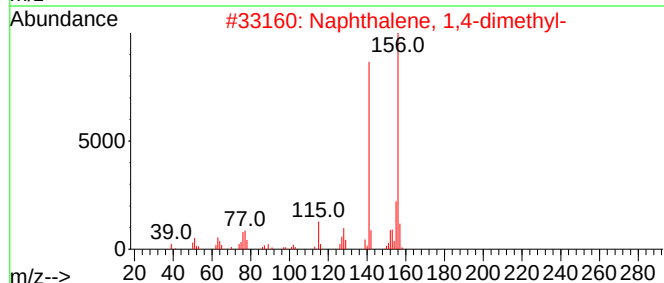
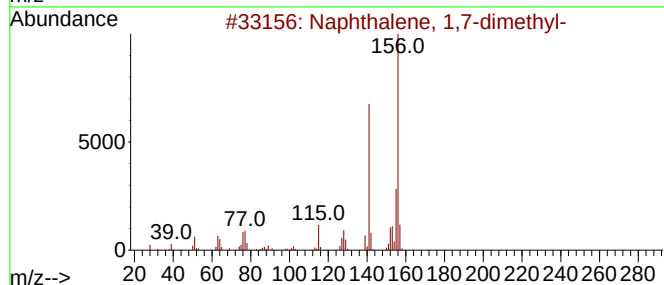
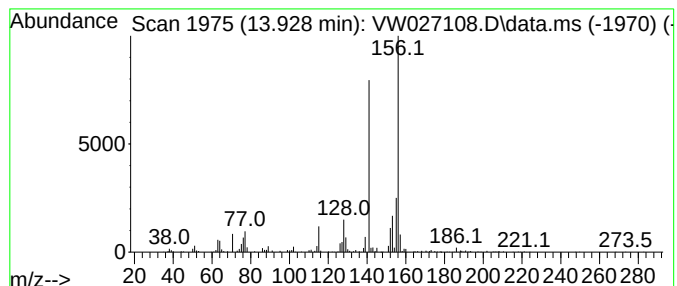
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Quant Title : SFAM01.0

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

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.928	12.30 ug/L	1181810	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

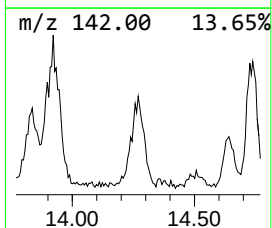
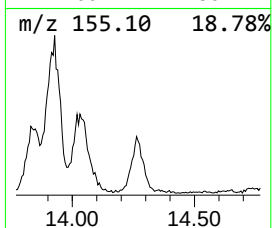
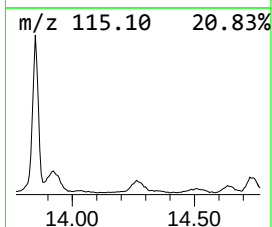
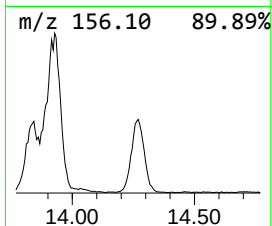
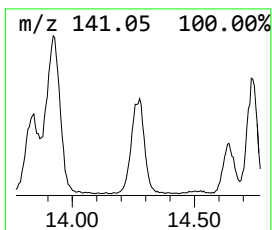
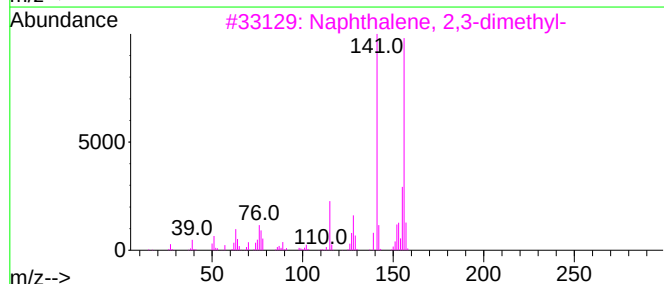
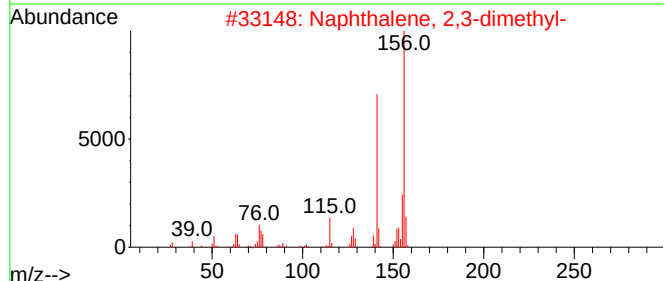
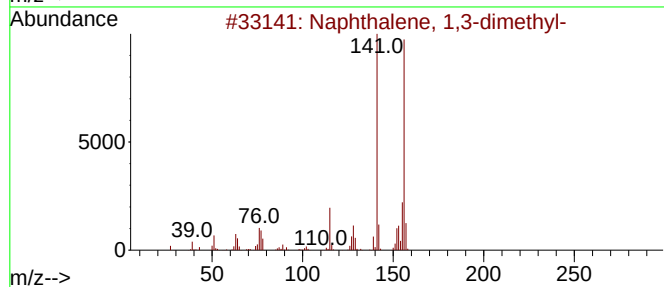
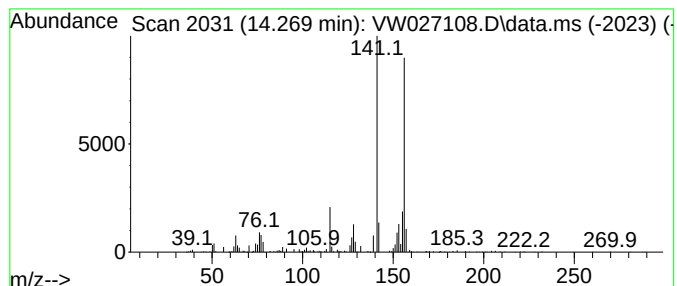
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	5.69 ug/L	546395	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

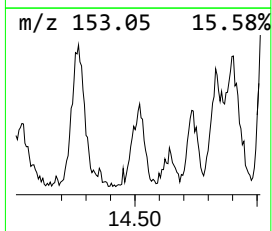
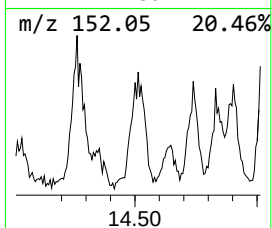
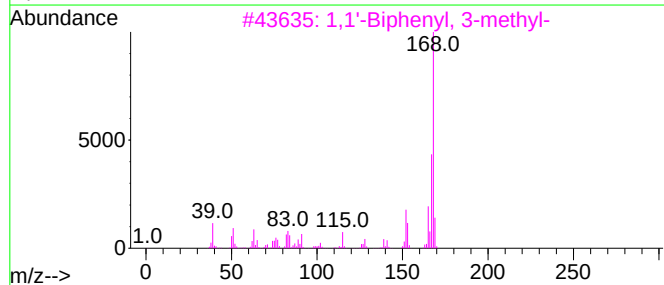
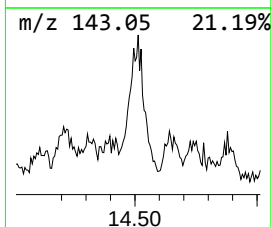
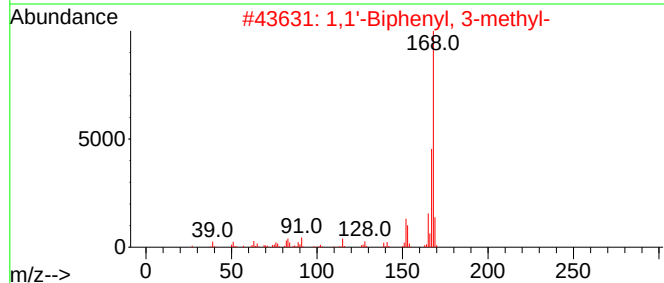
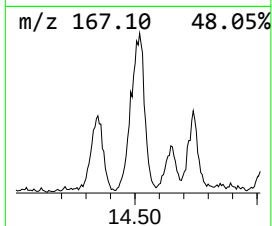
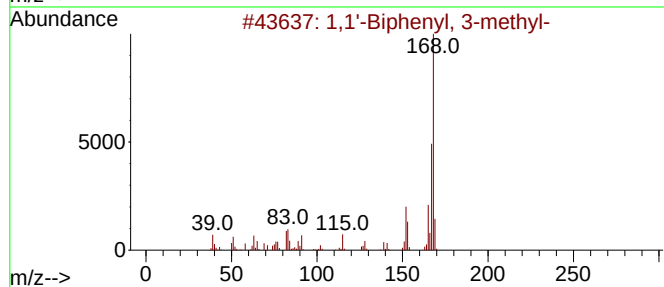
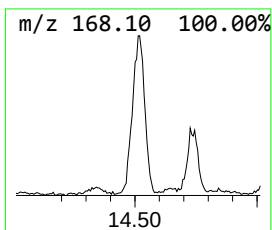
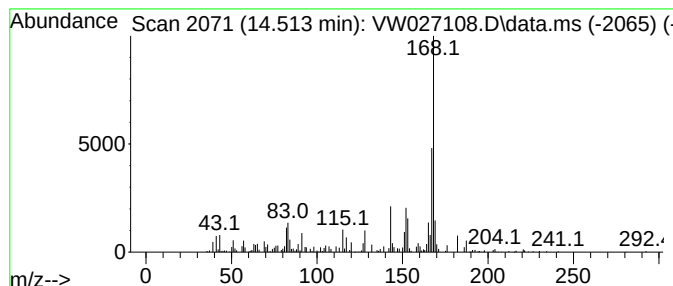
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Quant Title : SFAM01.0

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

Peak Number 12 1,1'-Biphenyl, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.513	5.03 ug/L	483767	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76		
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	74		
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	68		
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	62		
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

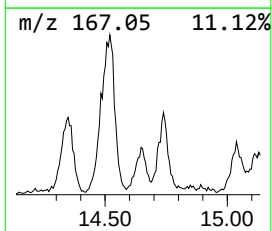
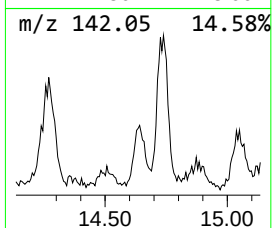
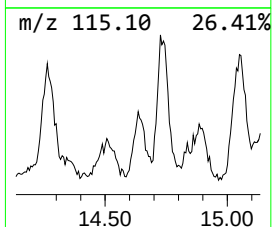
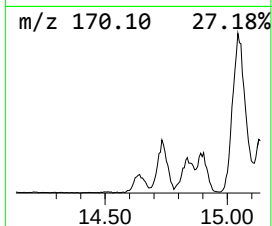
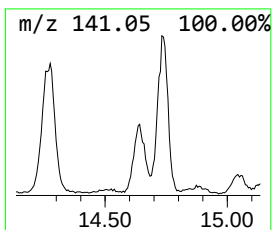
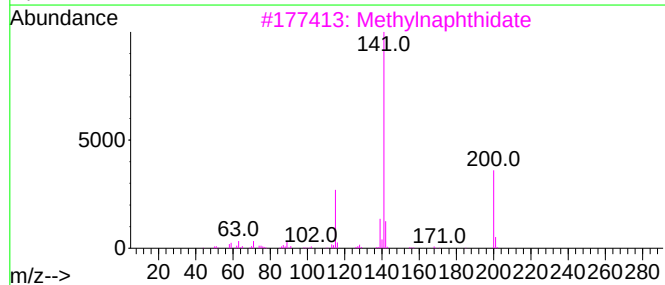
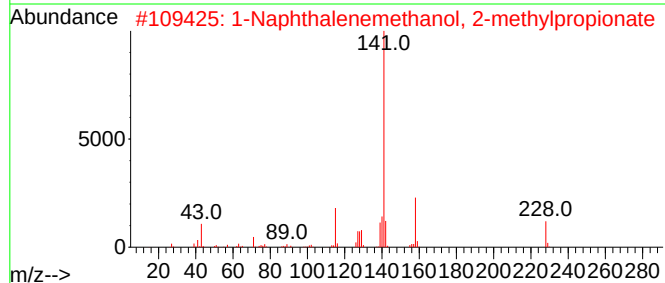
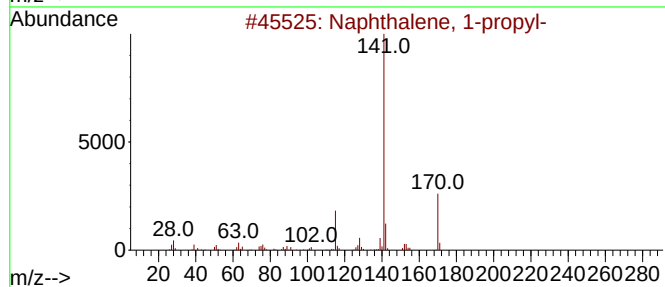
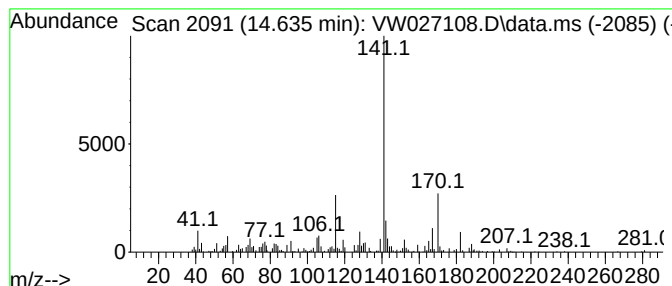
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Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 1-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.635	2.73 ug/L	262335	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	74
2			1-Naphthalenemethanol, 2-methylp...	228	C15H16O2	072524-21-1	53
3			Methylnaphthidate	283	C18H21NO2	219915-69-2	50
4			Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	47
5			Glycine, N-(2,6-difluorobenzoyl)...	327	C17H23F2NO3	1000314-44-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

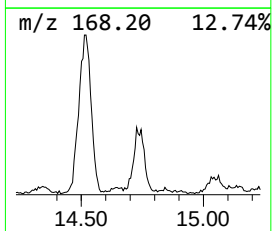
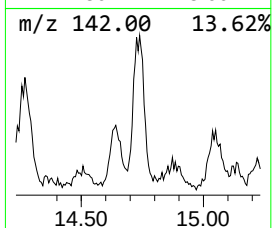
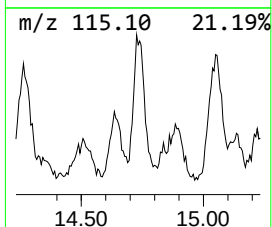
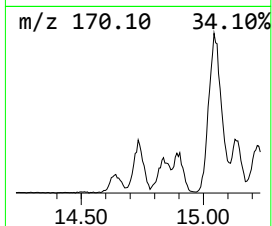
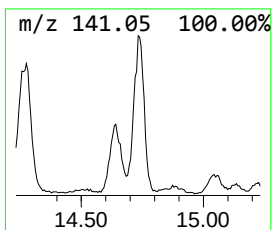
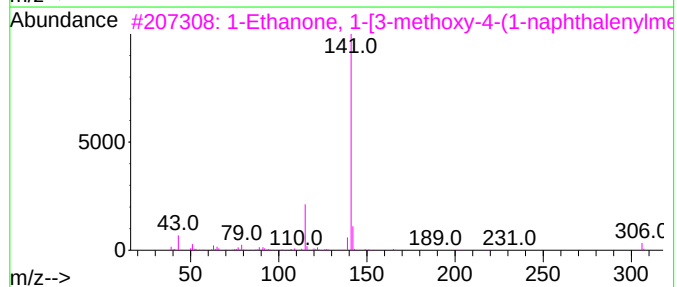
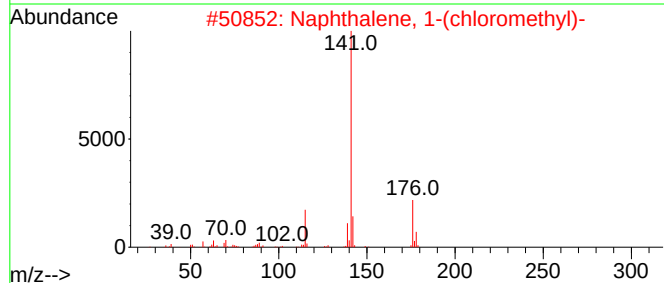
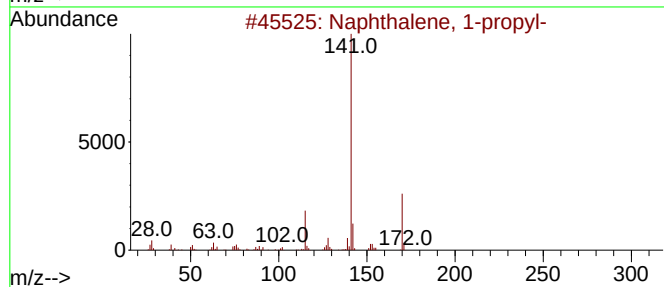
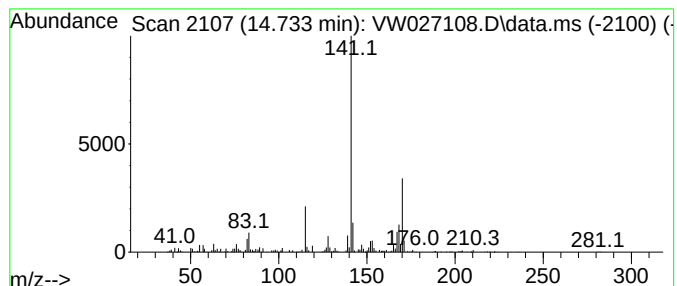
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Quant Title : SFAM01.0

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

Peak Number 14 Naphthalene, 1-(chloromethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	6.67 ug/L	640983	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	81
2			Naphthalene, 1-(chloromethyl)-	176	C11H9Cl	000086-52-2	52
3			1-Ethanone, 1-[3-methoxy-4-(1-na...	306	C20H18O3	1000338-31-5	50
4			Benzaldehyde, 4-(1-naphthalenylm...	262	C18H14O2	1000338-23-3	50
5			Benzaldehyde, 3-(1-naphthalenylm...	262	C18H14O2	1010338-37-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

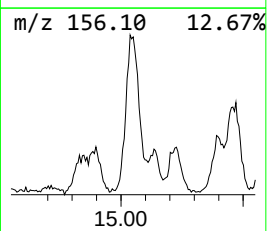
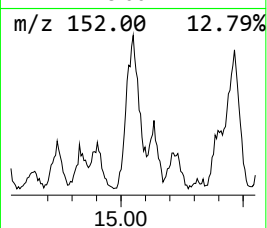
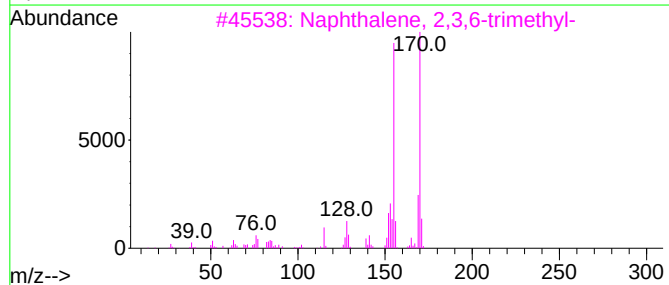
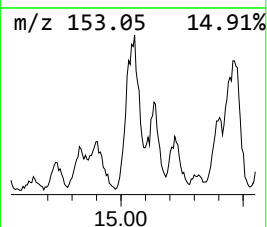
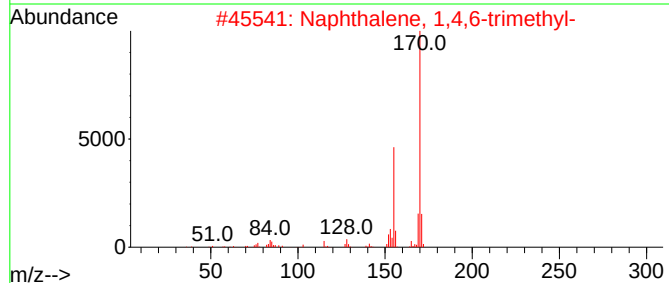
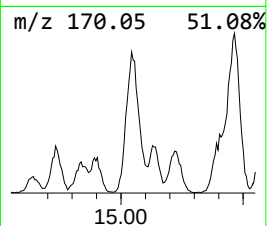
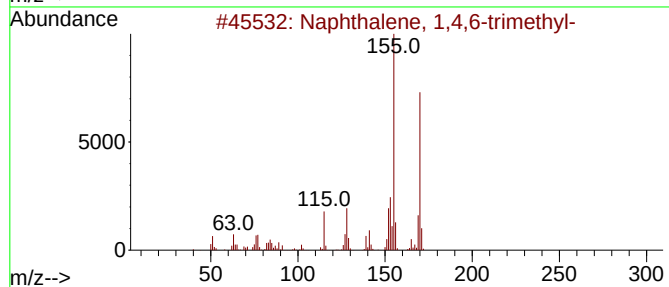
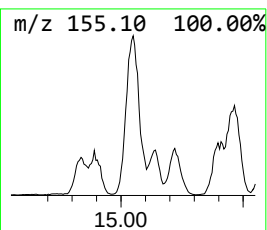
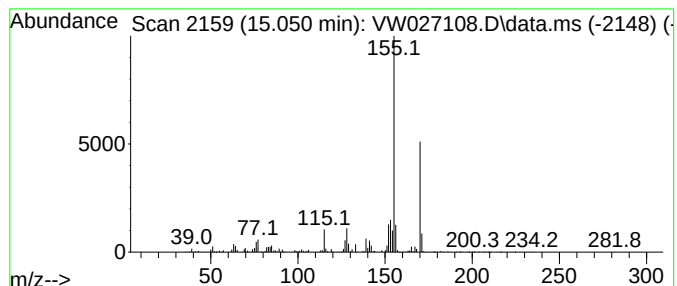
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Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	17.13 ug/L	1646020	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

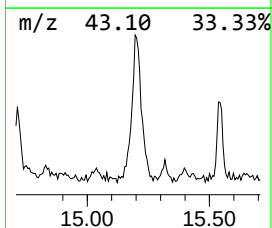
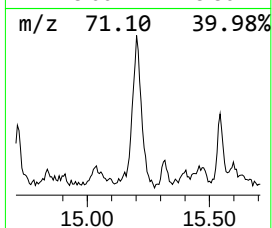
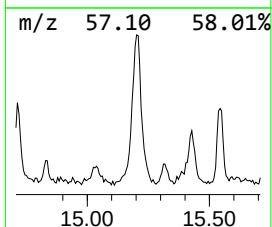
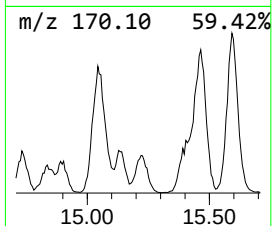
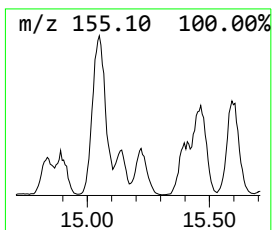
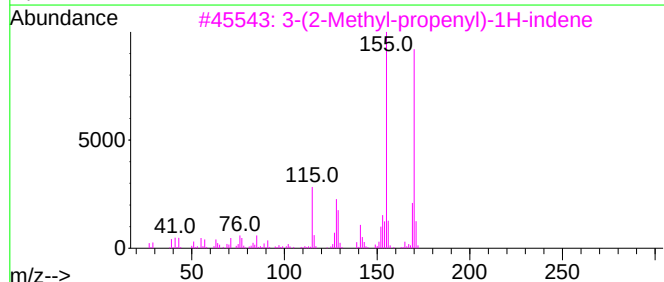
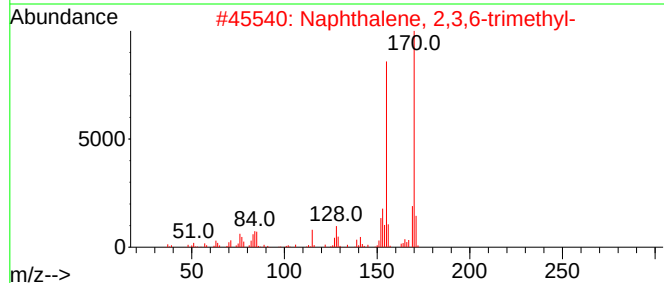
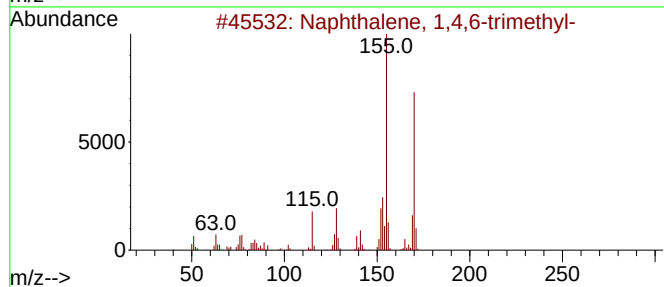
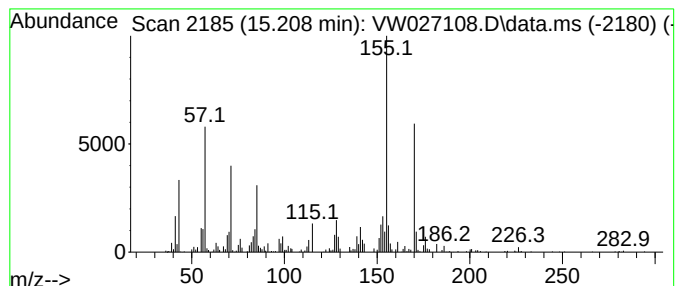
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Quant Title : SFAM01.0

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	7.32 ug/L	703817	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

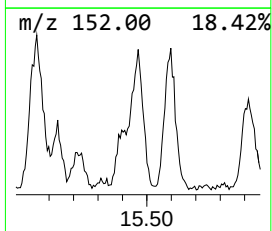
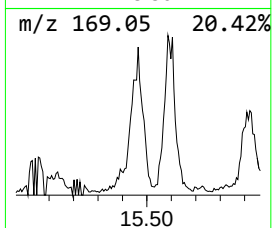
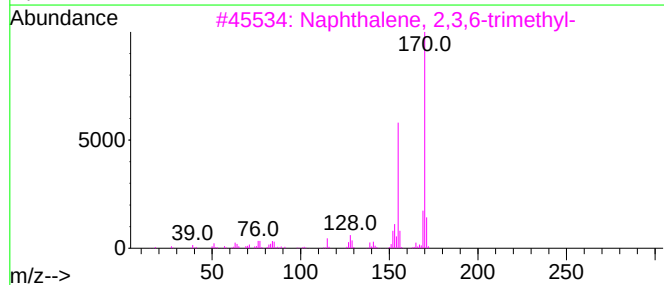
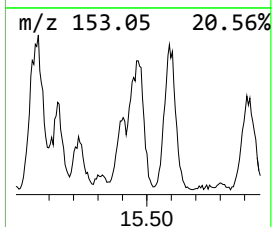
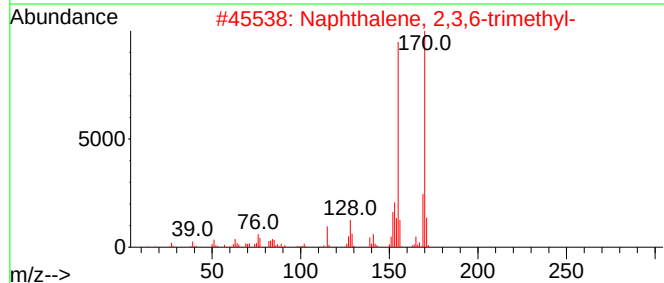
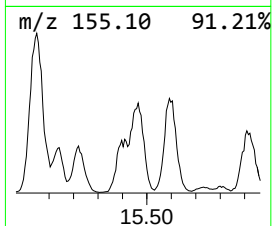
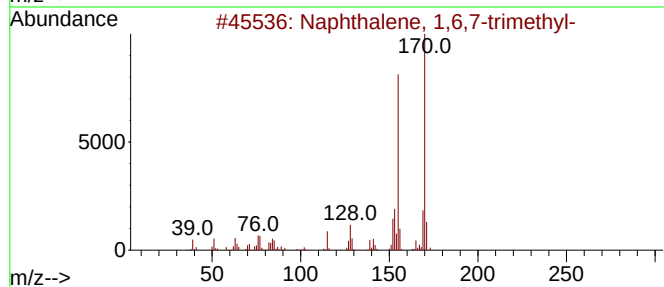
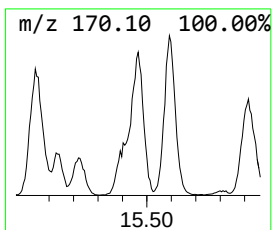
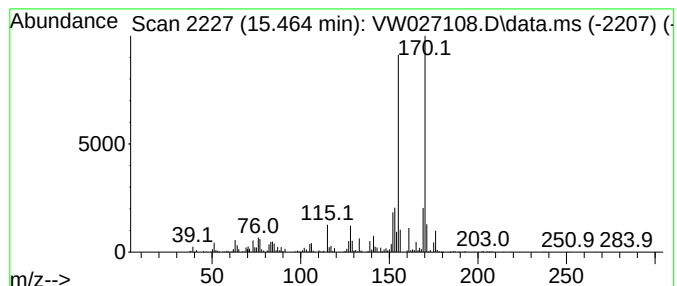
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Quant Title : SFAM01.0

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.464	19.66 ug/L	1889560	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

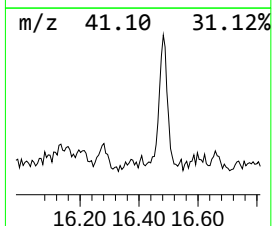
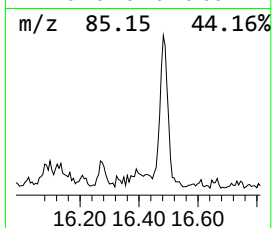
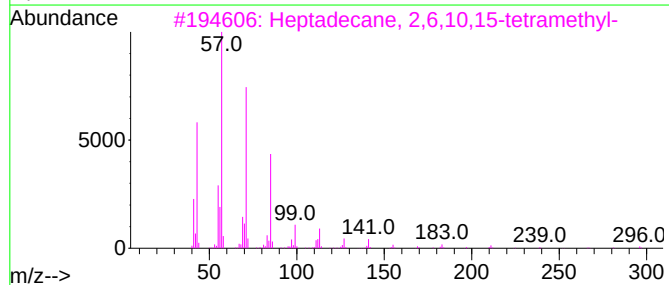
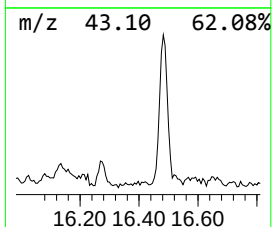
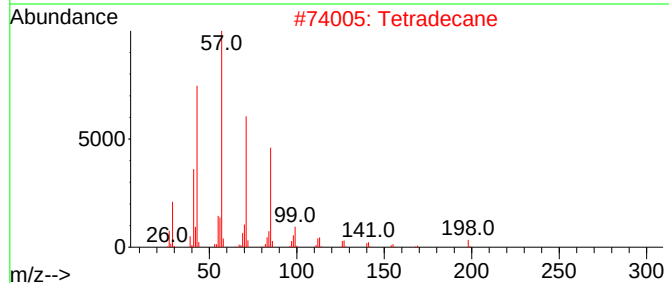
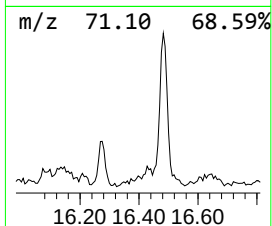
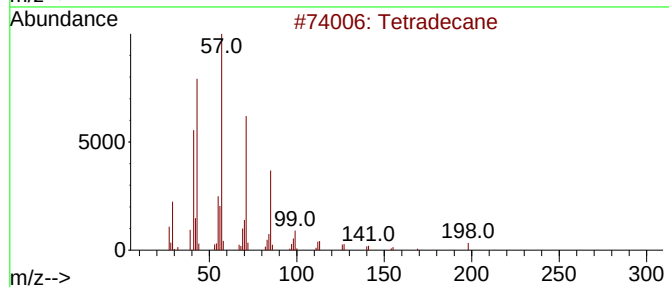
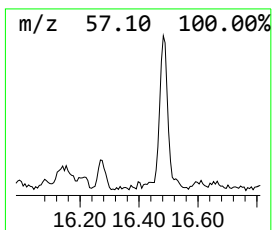
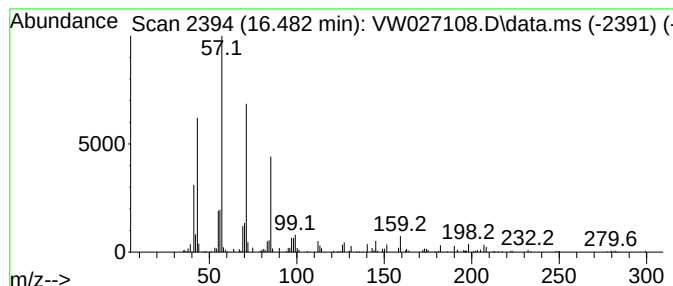
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	3.06 ug/L	294050	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Tetradecane	198	C14H30	000629-59-4	81
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Nonadecane	268	C19H40	000629-92-5	64
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
Data File : VW027108.D
Acq On : 14 Sep 2023 17:27
Operator : SY/MD
Sample : VIBLK509
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK509

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.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
(DEL) Alkane: S...	5.941	1.3	ug/L	85588	1	8.843	1673880	25.0
unknown-01	11.063	1.6	ug/L	133044	2	11.630	2089600	25.0
Naphthalene, 1,...	12.837	58.1	ug/L	5585010	3	13.556	2402190	25.0
Naphthalene, 2,...	13.269	71.8	ug/L	6902820	3	13.556	2402190	25.0
Naphthalene, 2,...	13.416	39.0	ug/L	3749790	3	13.556	2402190	25.0
Naphthalene, 1,...	13.928	12.3	ug/L	1181810	3	13.556	2402190	25.0
Naphthalene, 1,...	14.269	5.7	ug/L	546395	3	13.556	2402190	25.0
1,1'-Biphenyl, ...	14.513	5.0	ug/L	483767	3	13.556	2402190	25.0
Naphthalene, 1-...	14.635	2.7	ug/L	262335	3	13.556	2402190	25.0
Naphthalene, 1-...	14.733	6.7	ug/L	640983	3	13.556	2402190	25.0
Naphthalene, 1,...	15.050	17.1	ug/L	1646020	3	13.556	2402190	25.0
Naphthalene, 2,...	15.208	7.3	ug/L	703817	3	13.556	2402190	25.0
Naphthalene, 1,...	15.464	19.7	ug/L	1889560	3	13.556	2402190	25.0
(DEL) Alkane: S...	16.482	3.1	ug/L	294050	3	13.556	2402190	25.0