

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026047.D
 Acq On : 25 May 2023 17:50
 Operator : SY/MD
 Sample : VIBLK463
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK463

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW026047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.082	31	32	36	rVB4	2630	2298	0.08%	0.007%
2	2.155	41	44	45	rBV3	1864	1683	0.06%	0.005%
3	2.186	45	49	50	rBV4	2823	3508	0.12%	0.011%
4	2.228	50	56	58	rBV7	8805	18544	0.65%	0.056%
5	2.253	58	60	61	rBV2	2485	1774	0.06%	0.005%
6	2.362	72	78	90	rVB	82453	207935	7.34%	0.624%
7	2.893	158	165	180	rBV	90629	253530	8.94%	0.760%
8	3.033	186	188	192	rBV5	3506	4285	0.15%	0.013%
9	3.356	239	241	244	rBV3	1377	1408	0.05%	0.004%
10	3.393	244	247	251	rVB6	2014	3271	0.12%	0.010%
11	3.429	251	253	258	rBV6	1348	1476	0.05%	0.004%
12	3.490	261	263	265	rVB3	2066	1806	0.06%	0.005%
13	3.521	265	268	270	rBV4	2311	2309	0.08%	0.007%
14	3.600	278	281	283	rBV4	1448	1340	0.05%	0.004%
15	3.631	283	286	288	rBV4	1668	1709	0.06%	0.005%
16	3.685	294	295	299	rVB4	1420	1493	0.05%	0.004%
17	3.917	330	333	336	rVB5	1128	1600	0.06%	0.005%
18	4.021	338	350	374	rBV	202384	666336	23.51%	1.998%
19	4.271	387	391	394	rVB6	1540	2274	0.08%	0.007%
20	4.368	404	407	408	rBV3	1697	1930	0.07%	0.006%
21	4.399	408	412	416	rVB7	2490	4412	0.16%	0.013%
22	4.472	422	424	427	rVB4	1314	1435	0.05%	0.004%
23	4.508	427	430	431	rBV3	1959	1167	0.04%	0.004%
24	4.588	441	443	445	rBV3	1238	1280	0.05%	0.004%
25	4.710	459	463	465	rBV5	1567	1720	0.06%	0.005%
26	4.771	471	473	478	rVB6	1307	1684	0.06%	0.005%
27	4.917	482	497	519	rBV	141722	536163	18.92%	1.608%
28	5.197	540	543	546	rVB5	1602	2098	0.07%	0.006%
29	5.234	546	549	553	rBV6	1756	2586	0.09%	0.008%
30	5.380	568	573	575	rBV6	1590	3386	0.12%	0.010%
31	5.441	579	583	584	rBV4	1678	1810	0.06%	0.005%
32	5.514	592	595	597	rBV4	2157	1872	0.07%	0.006%
33	5.612	607	611	613	rVB5	1348	1106	0.04%	0.003%
34	5.722	626	629	631	rVB4	1088	1344	0.05%	0.004%
35	5.801	640	642	644	rBV3	1736	1502	0.05%	0.005%
36	5.935	653	664	674	rBV3	35521	112232	3.96%	0.337%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	6.014	676	677	683	rVB6	1549	2479	0.09%	0.007%
38	6.087	687	689	692	rBV4	1109	1230	0.04%	0.004%
39	6.118	692	694	695	rBV2	1633	1254	0.04%	0.004%
40	6.191	702	706	711	rVB8	1510	2239	0.08%	0.007%
41	6.234	711	713	716	rBV4	1259	1146	0.04%	0.003%
42	6.276	716	720	721	rBV4	1758	1519	0.05%	0.005%
43	6.319	724	727	729	rVB3	1734	1660	0.06%	0.005%
44	6.380	734	737	740	rBV5	1923	2785	0.10%	0.008%
45	6.423	740	744	747	rVB6	1145	1947	0.07%	0.006%
46	6.447	747	748	752	rBV4	1862	2479	0.09%	0.007%
47	6.660	781	783	785	rVB3	1221	1134	0.04%	0.003%
48	6.685	785	787	789	rBV3	1431	1195	0.04%	0.004%
49	6.788	800	804	805	rVB4	1397	1494	0.05%	0.004%
50	6.801	805	806	807	rBV	2008	1142	0.04%	0.003%
51	6.856	812	815	818	rVB4	1362	1657	0.06%	0.005%
52	6.923	823	826	828	rBV4	1078	1589	0.06%	0.005%
53	7.075	840	851	869	rBV	92926	280986	9.91%	0.843%
54	7.197	869	871	872	rVV2	2272	1482	0.05%	0.004%
55	7.264	879	882	884	rBV4	1420	1879	0.07%	0.006%
56	7.398	903	904	907	rVB3	1978	1504	0.05%	0.005%
57	7.429	907	909	912	rBV4	2005	2101	0.07%	0.006%
58	7.471	912	916	918	rBV5	1551	2283	0.08%	0.007%
59	7.526	922	925	928	rBV4	1232	1613	0.06%	0.005%
60	7.569	928	932	934	rBV4	1781	2959	0.10%	0.009%
61	7.648	935	945	959	rVV	404028	991390	34.98%	2.973%
62	7.752	960	962	965	rVV4	1317	1603	0.06%	0.005%
63	7.782	965	967	969	rVV3	1503	1176	0.04%	0.004%
64	7.831	973	975	977	rBV3	1277	1353	0.05%	0.004%
65	7.861	977	980	981	rBV3	2357	2148	0.08%	0.006%
66	7.886	981	984	988	rVV6	2293	3748	0.13%	0.011%
67	7.953	992	995	1000	rVB6	3715	7454	0.26%	0.022%
68	8.044	1007	1010	1012	rBV4	1283	1935	0.07%	0.006%
69	8.081	1014	1016	1018	rVV3	1535	1195	0.04%	0.004%
70	8.130	1023	1024	1028	rBV4	2065	2433	0.09%	0.007%
71	8.276	1037	1048	1063	rBV2	787310	2344344	82.71%	7.031%
72	8.575	1095	1097	1099	rBV3	1577	1821	0.06%	0.005%
73	8.758	1125	1127	1130	rBV4	1803	1533	0.05%	0.005%
74	8.843	1132	1141	1153	rVV	845331	1718952	60.65%	5.155%
75	9.270	1203	1211	1221	rBV	562715	1174350	41.43%	3.522%
76	10.032	1330	1336	1348	rBV	291438	552786	19.50%	1.658%

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 Title : SFAM01.0

77	10.324	1377	1384	1395	rBV	1035108	1867111	65.87%	5.600%
78	10.574	1420	1425	1433	rVB	182278	320047	11.29%	0.960%
79	10.702	1441	1446	1450	rBV2	32159	56520	1.99%	0.170%
80	10.922	1476	1482	1491	rBV	351876	634659	22.39%	1.903%
81	11.629	1592	1598	1608	rVB	1225165	2076792	73.27%	6.229%
82	12.367	1709	1719	1750	rVB2	428686	2548693	89.92%	7.644%
83	12.598	1754	1757	1765	rVB3	95005	191372	6.75%	0.574%
84	12.690	1766	1772	1777	rBV	454359	742128	26.18%	2.226%
85	12.842	1784	1797	1819	rVB2	375978	2361696	83.32%	7.083%
86	13.275	1857	1868	1880	rBV3	713871	2834327	100.00%	8.501%
87	13.409	1885	1890	1908	rVB2	373542	1435769	50.66%	4.306%
88	13.556	1908	1914	1925	rVB	1259070	2047140	72.23%	6.140%
89	13.848	1953	1962	1968	rBV	1099660	2120389	74.81%	6.359%
90	13.927	1970	1975	1984	rVB3	232712	716939	25.29%	2.150%
91	14.055	1994	1996	2004	rVB2	132879	215916	7.62%	0.648%
92	14.263	2024	2030	2042	rVB2	157867	542450	19.14%	1.627%
93	14.927	2130	2139	2149	rVB	546978	1707615	60.25%	5.121%
94	15.049	2151	2159	2167	rVV	158406	456021	16.09%	1.368%
95	15.598	2242	2249	2265	rVB4	116642	428418	15.12%	1.285%
96	15.909	2296	2300	2316	rVB5	78019	285125	10.06%	0.855%
97	16.092	2324	2330	2339	rBV3	52922	168669	5.95%	0.506%
98	16.275	2356	2360	2364	rVB	45699	70688	2.49%	0.212%
99	16.433	2382	2386	2396	rVB2	111134	259325	9.15%	0.778%
100	16.634	2414	2419	2428	rVB	108127	268442	9.47%	0.805%

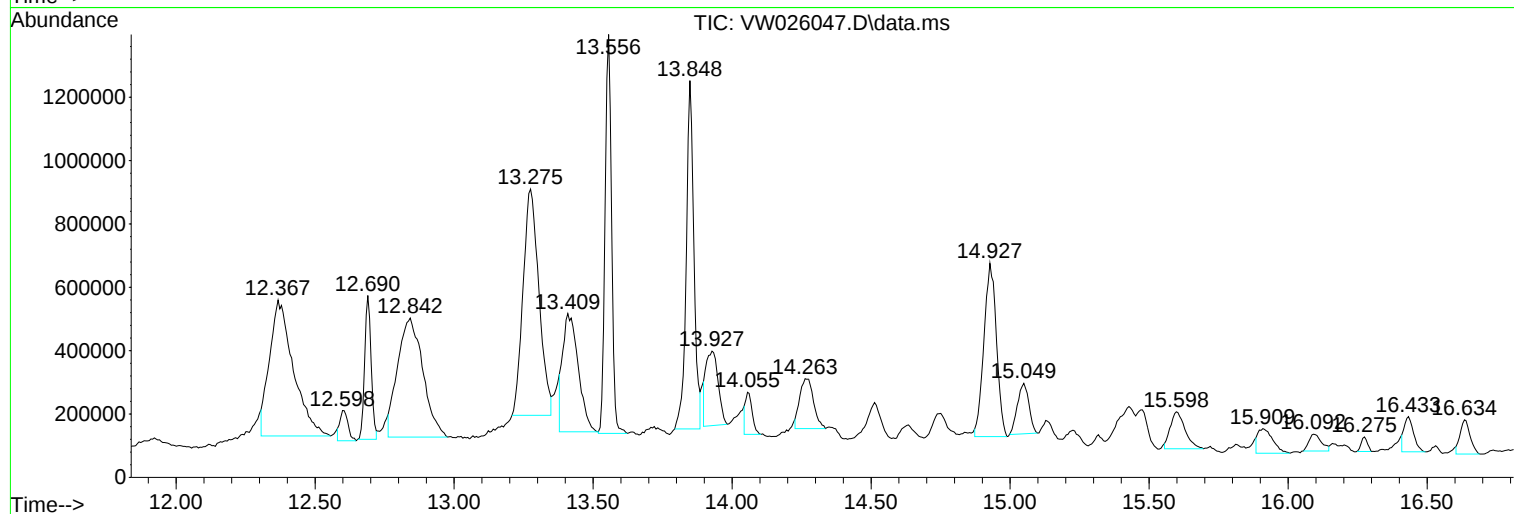
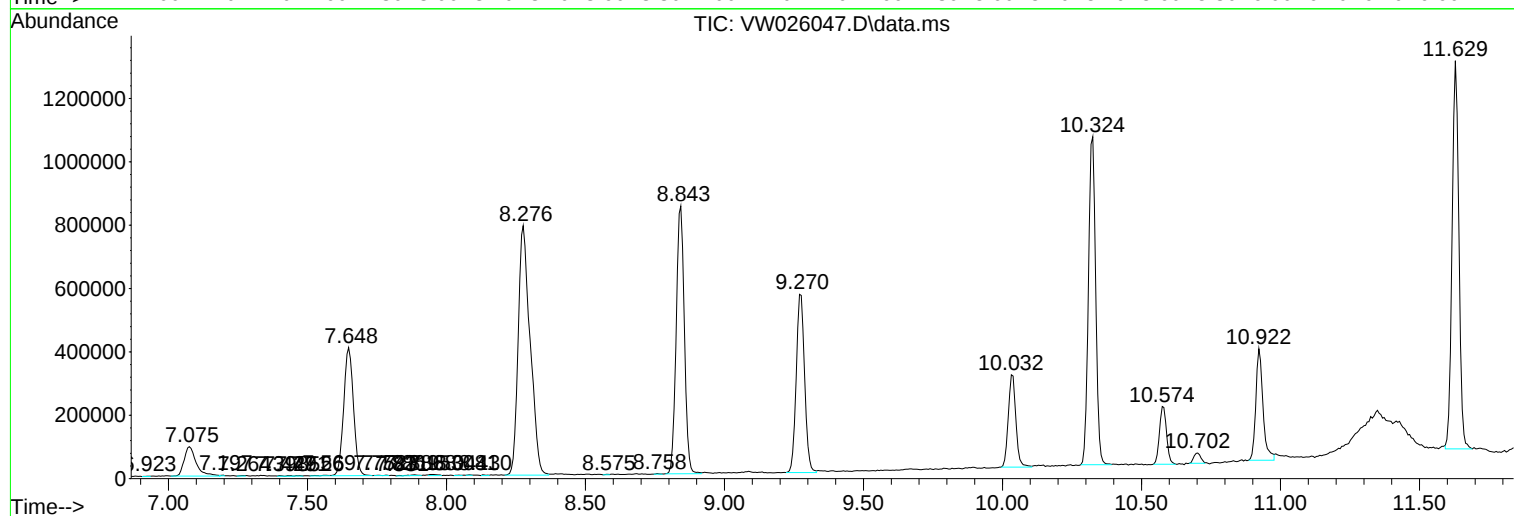
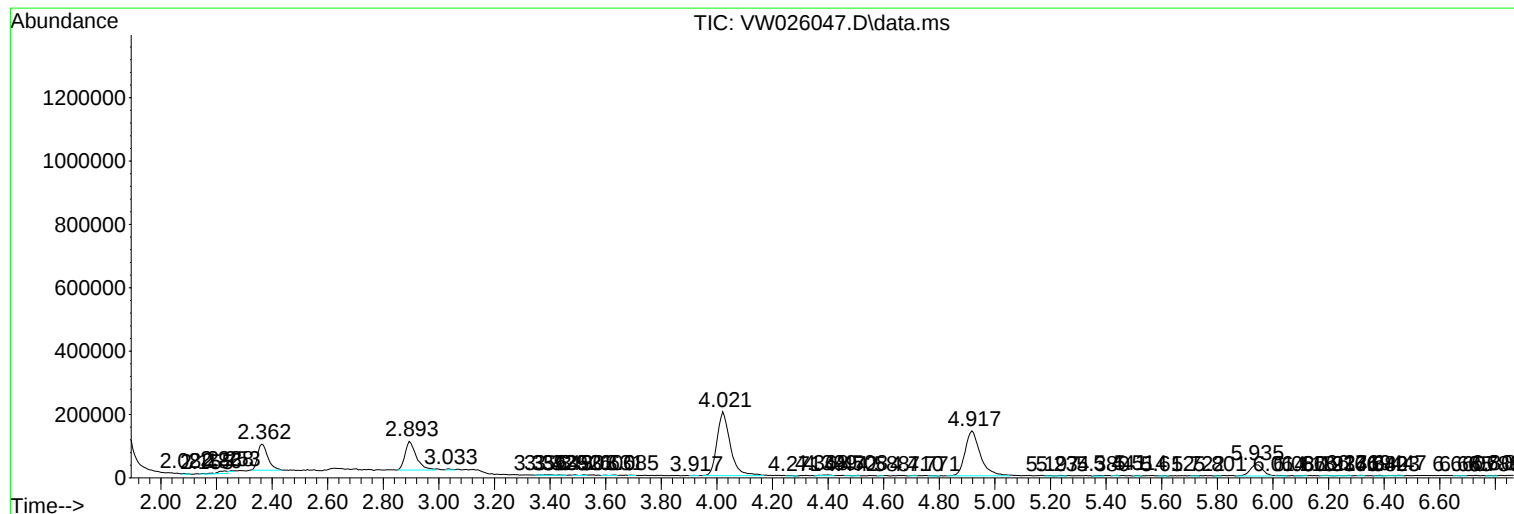
Sum of corrected areas: 33342534

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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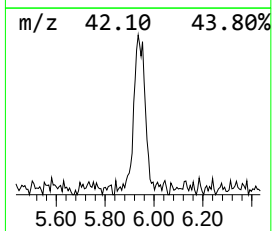
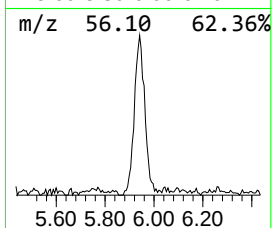
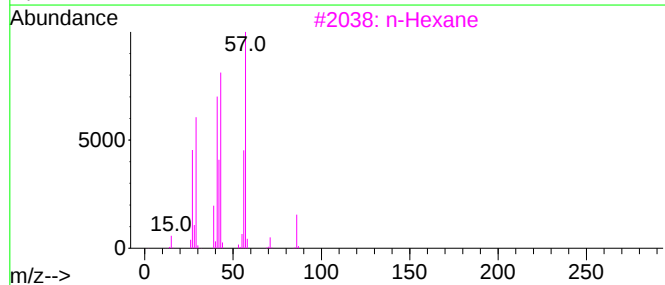
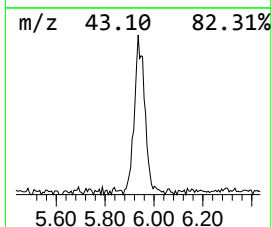
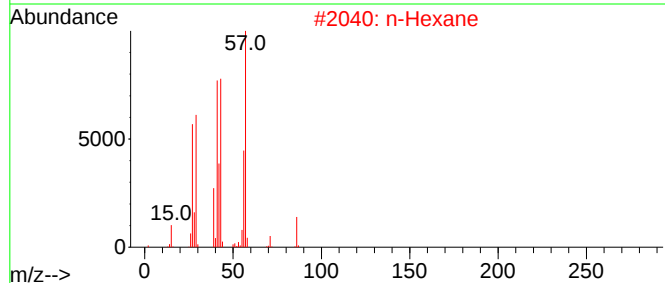
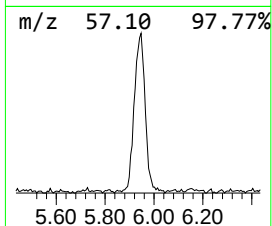
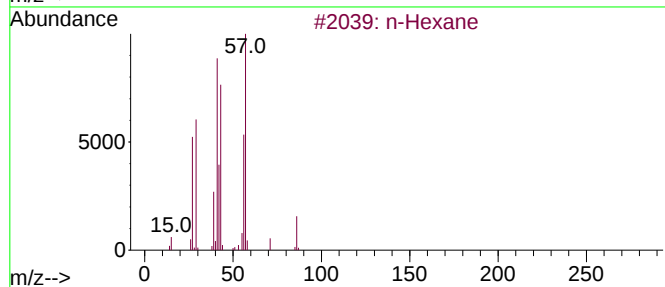
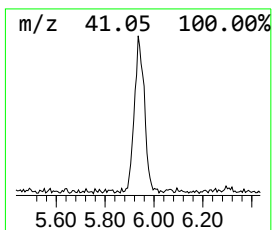
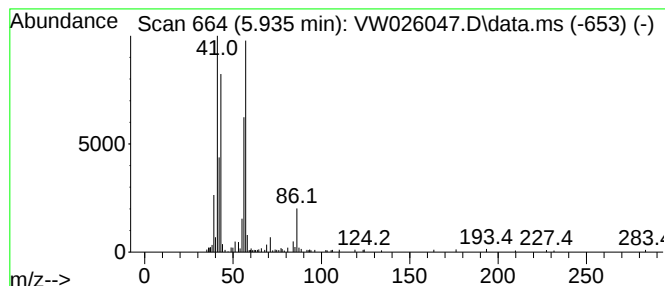
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.935	1.63 ug/L	112232	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	90
2	n-Hexane			86	C6H14	000110-54-3	90
3	n-Hexane			86	C6H14	000110-54-3	86
4	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	43
5	1-Butanol			74	C4H10O	000071-36-3	42



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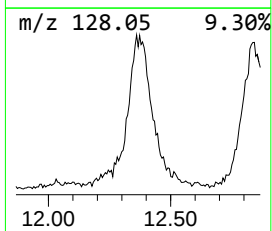
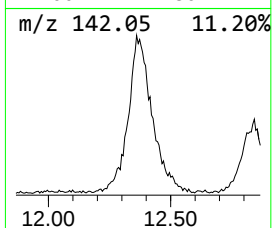
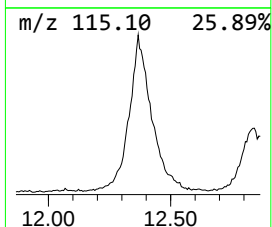
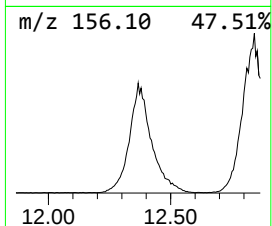
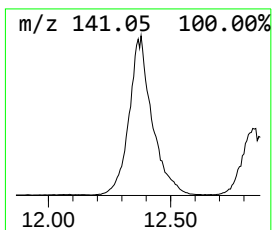
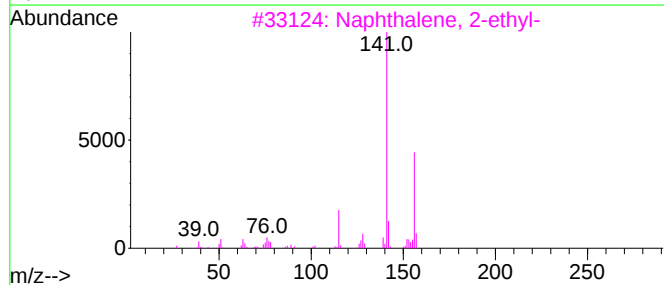
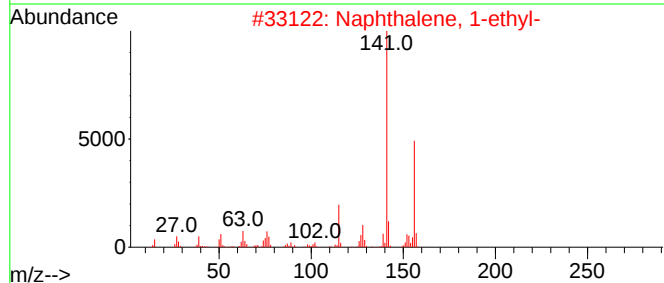
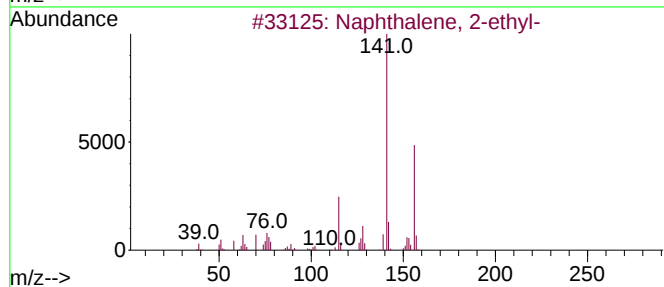
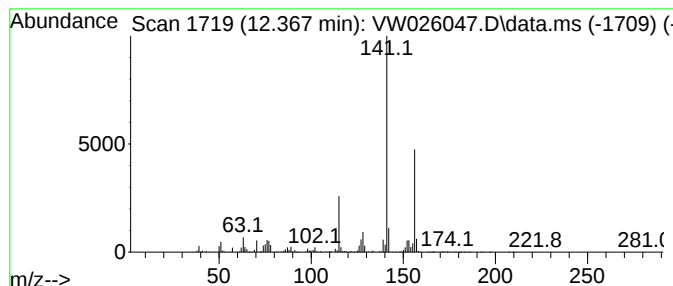
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	30.68 ug/L	2548690	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



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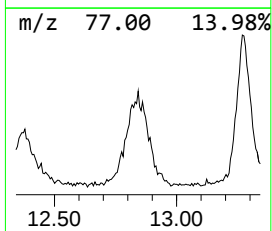
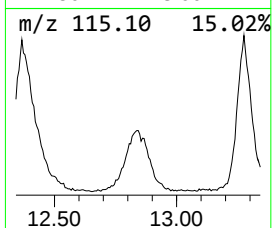
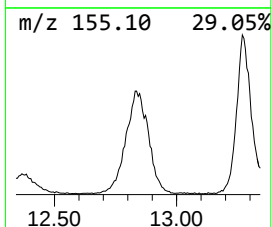
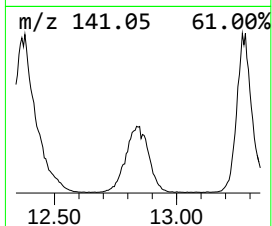
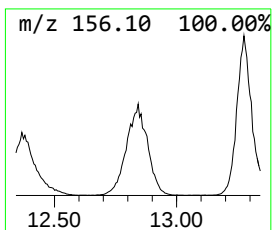
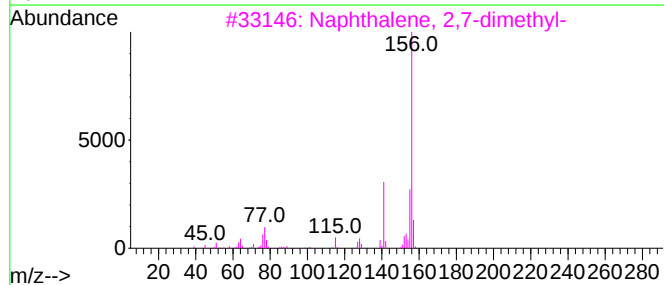
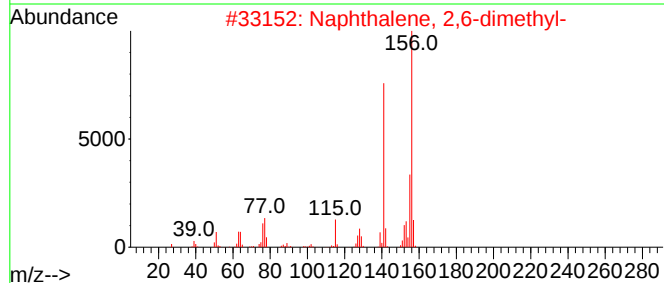
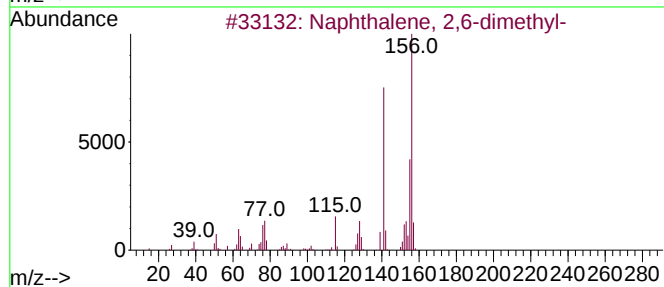
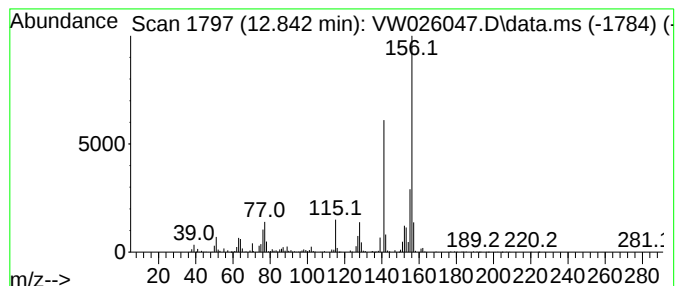
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.842	28.84 ug/L	2361700	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, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

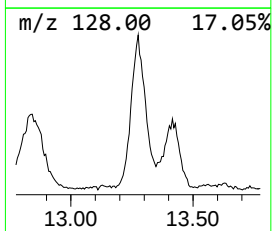
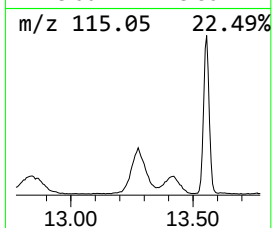
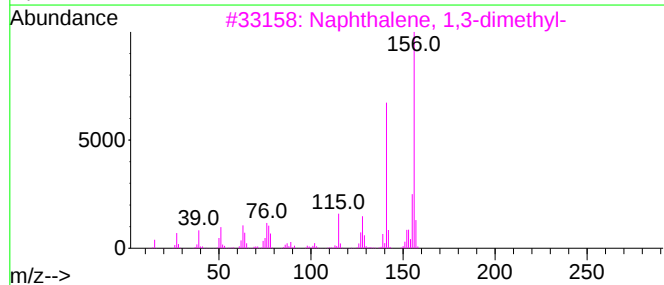
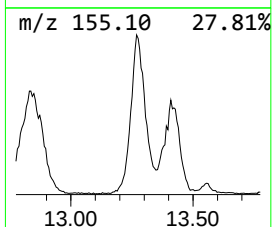
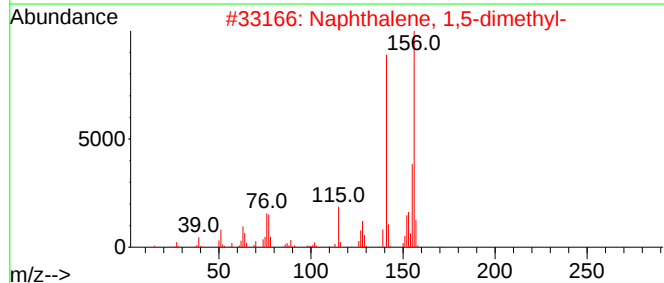
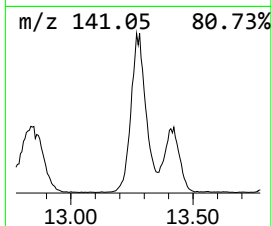
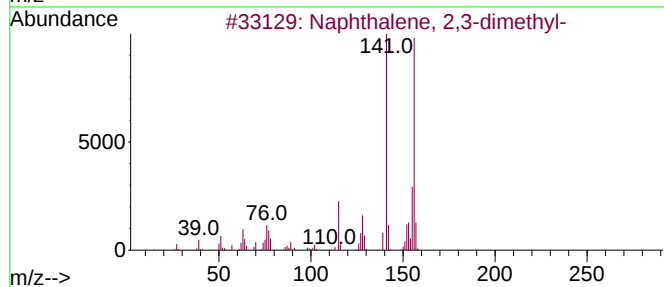
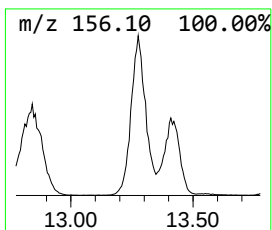
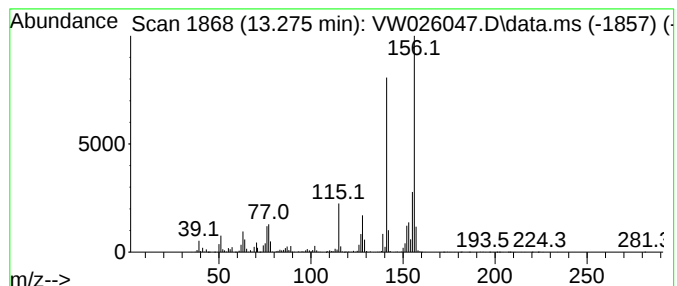
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	34.61 ug/L	2834330	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

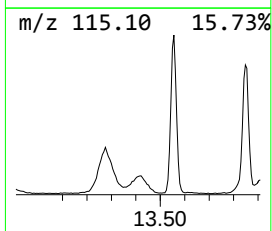
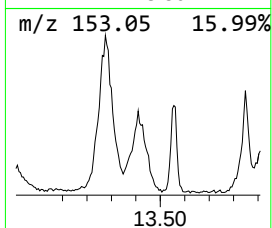
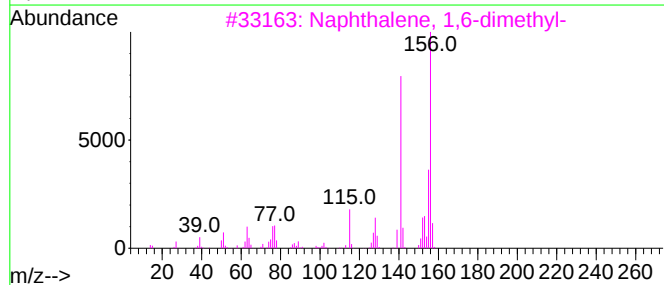
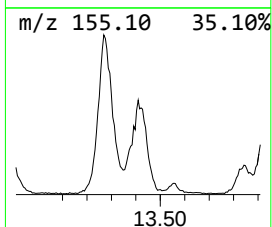
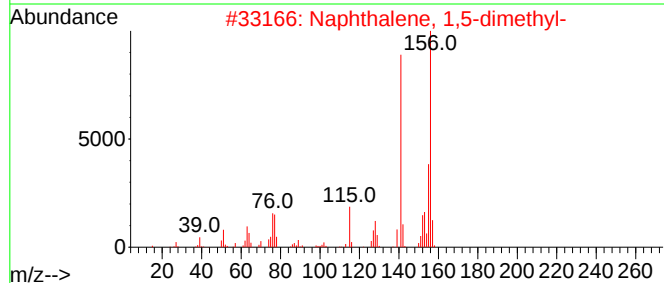
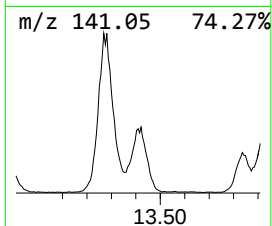
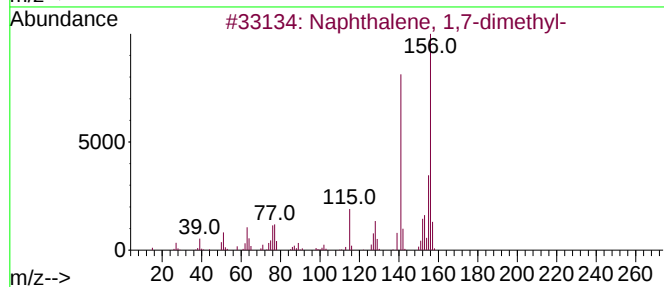
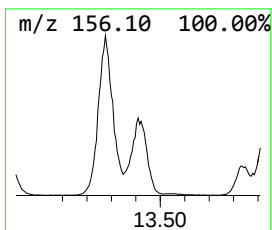
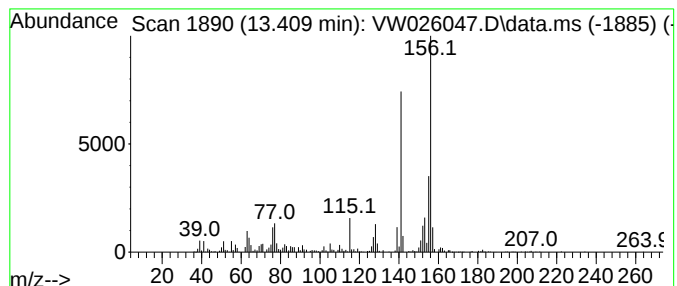
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Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.409	17.53 ug/L	1435770	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	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

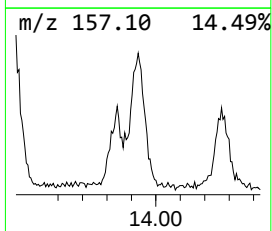
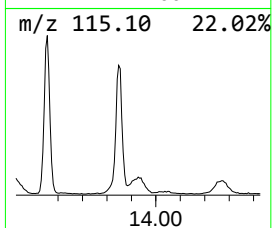
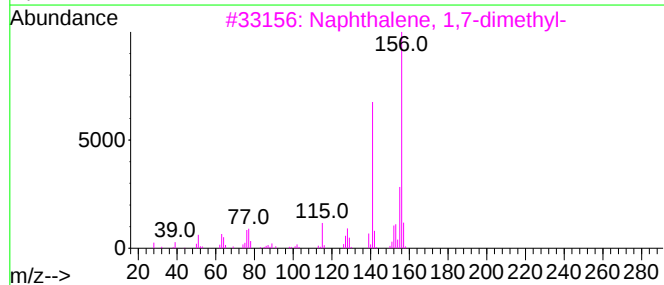
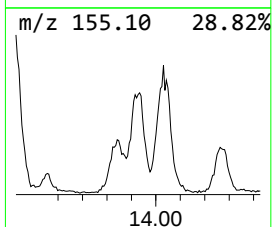
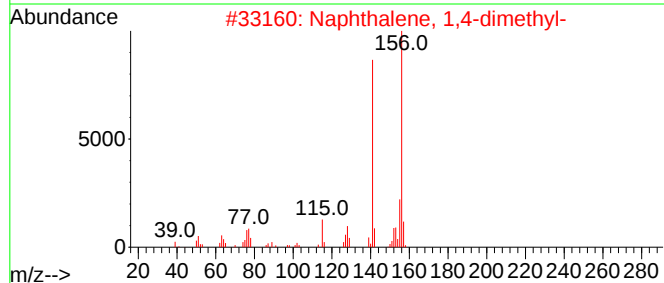
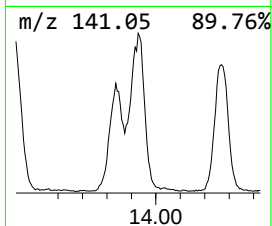
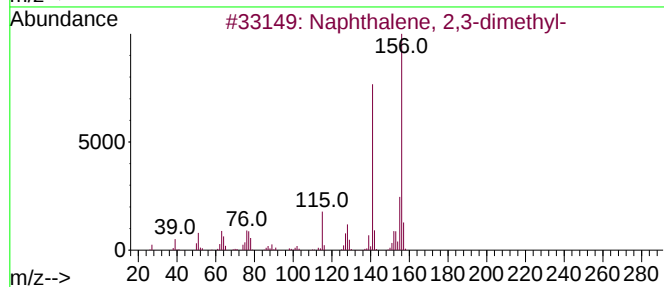
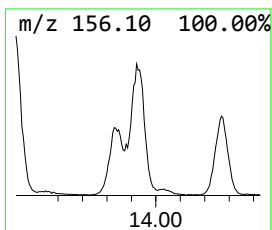
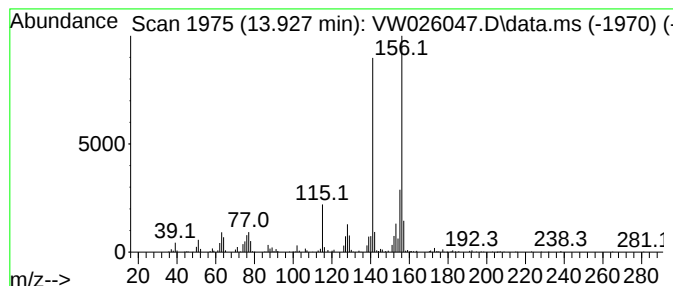
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Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	8.76 ug/L	716939	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	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

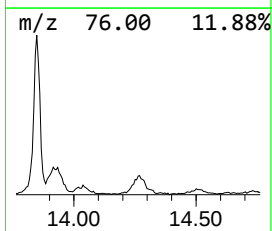
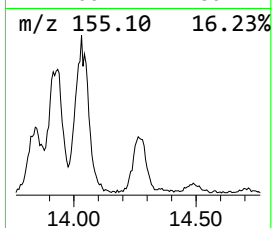
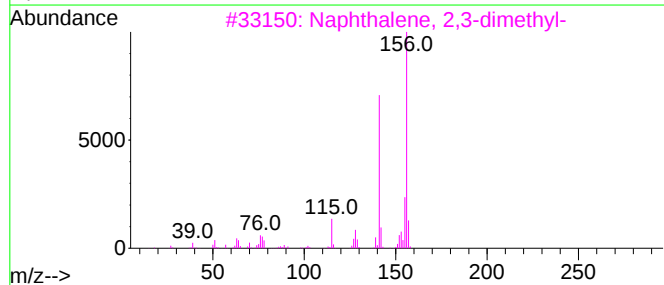
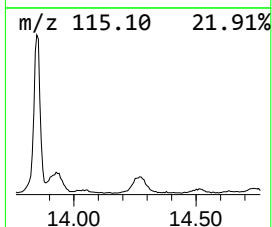
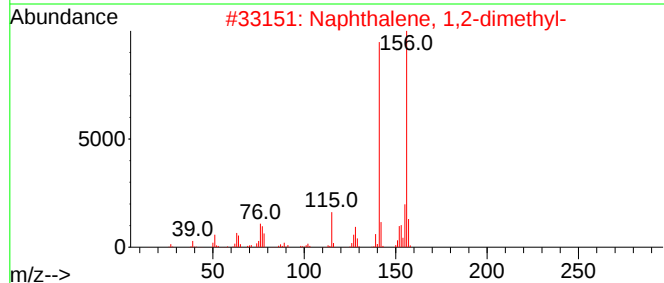
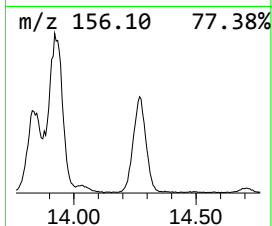
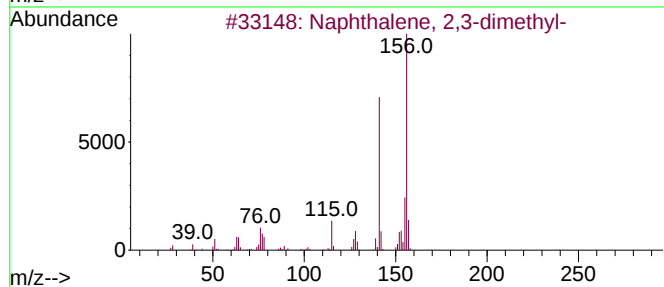
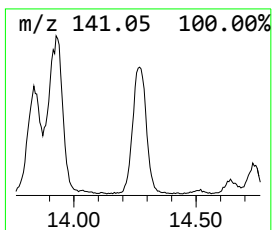
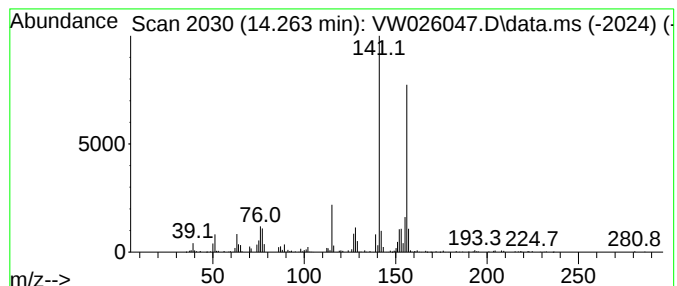
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Quant Title : SFAM01.0

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

Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	6.62 ug/L	542450	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	97
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

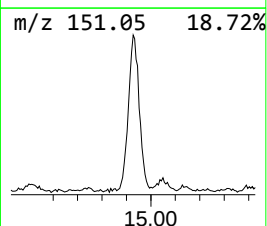
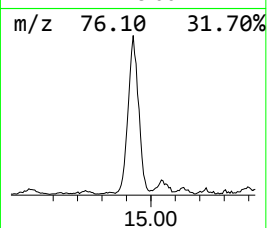
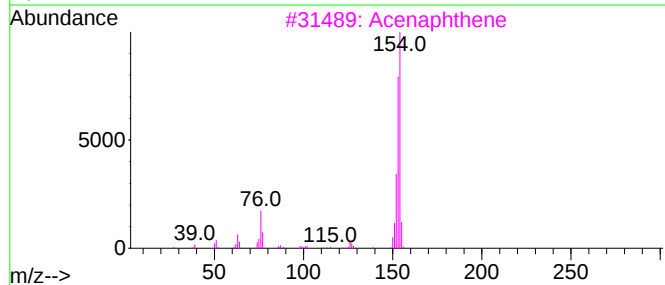
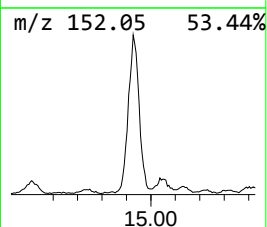
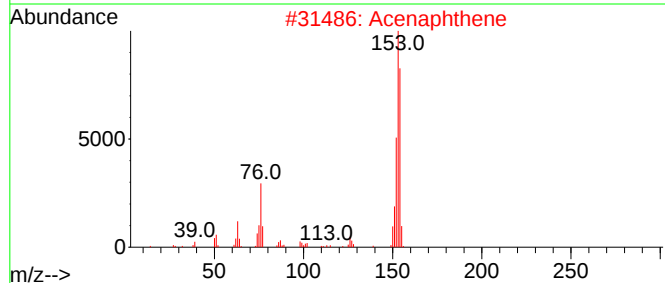
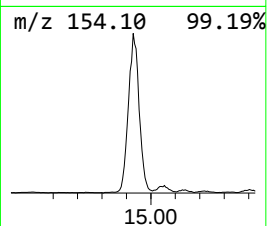
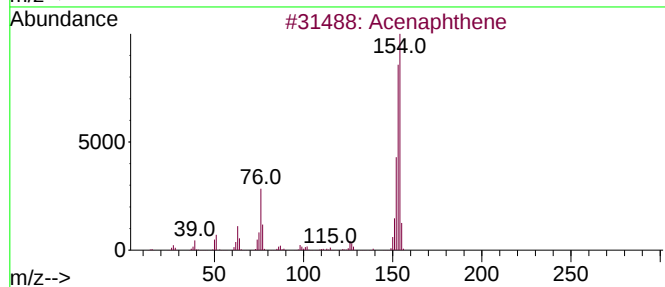
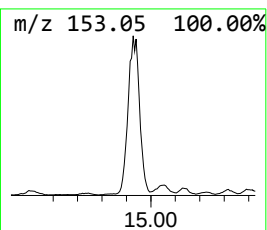
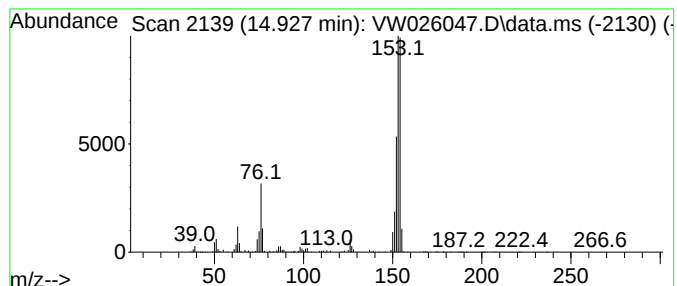
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Quant Title : SFAM01.0

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

Peak Number 11 Naphthalene, 2-ethenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	20.85 ug/L	1707620	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	91
2			Acenaphthene	154	C12H10	000083-32-9	89
3			Acenaphthene	154	C12H10	000083-32-9	87
4			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	76
5			Acenaphthene	154	C12H10	000083-32-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

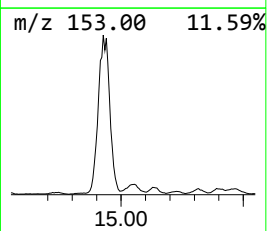
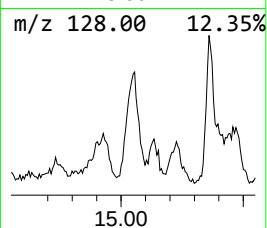
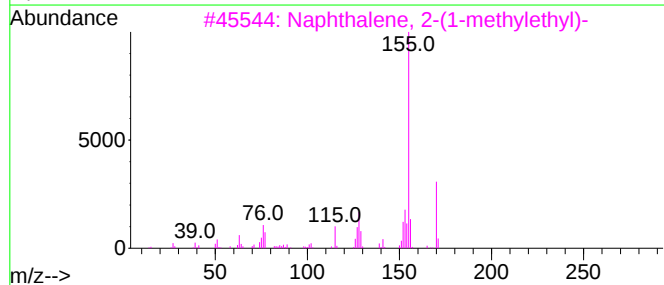
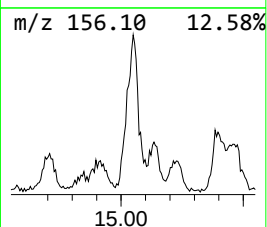
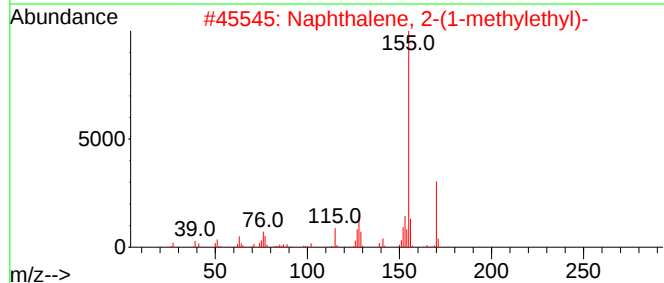
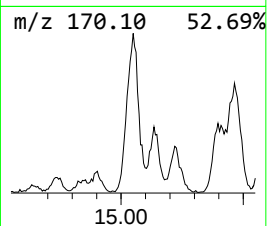
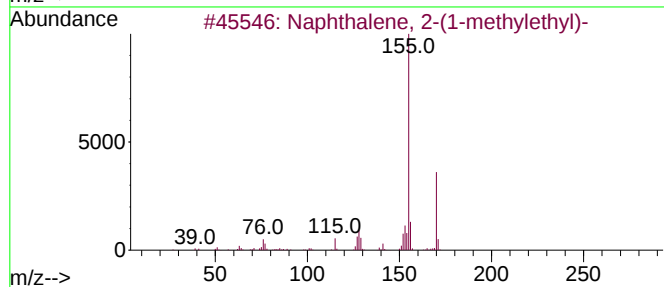
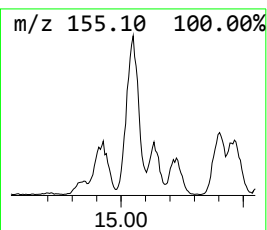
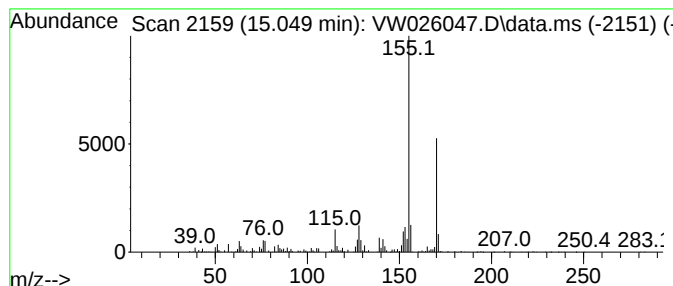
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.049	5.57 ug/L	456021	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	80
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

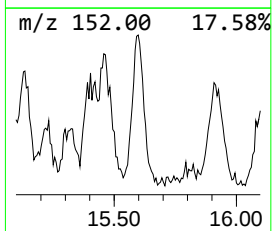
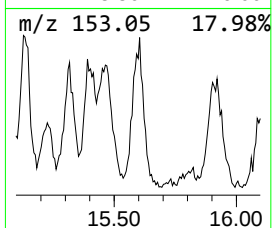
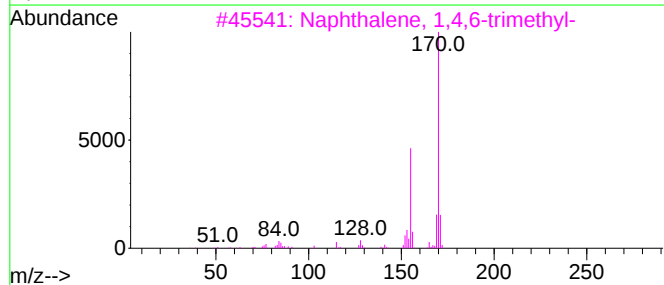
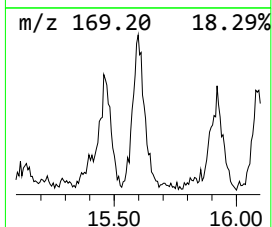
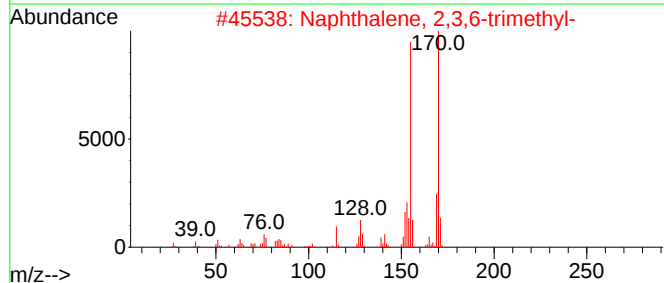
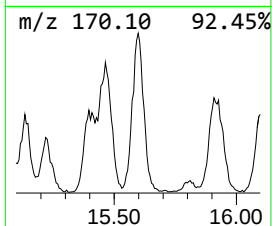
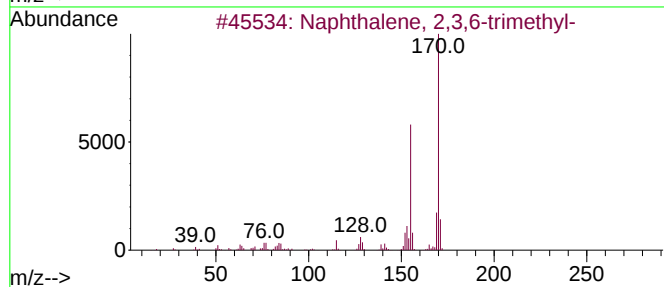
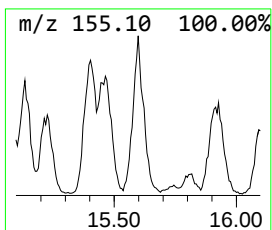
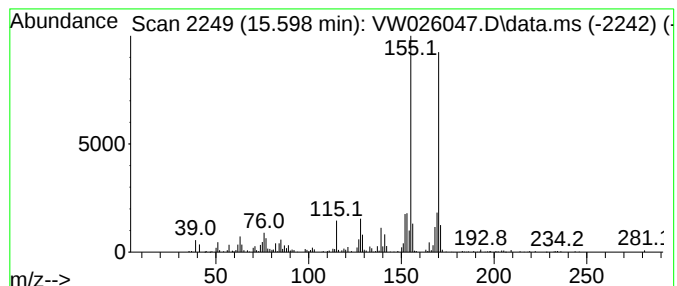
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Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.598	5.23 ug/L	428418	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

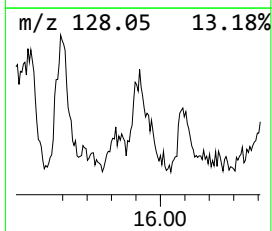
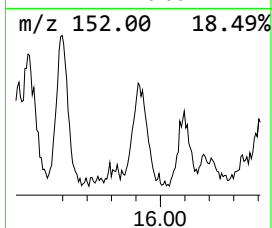
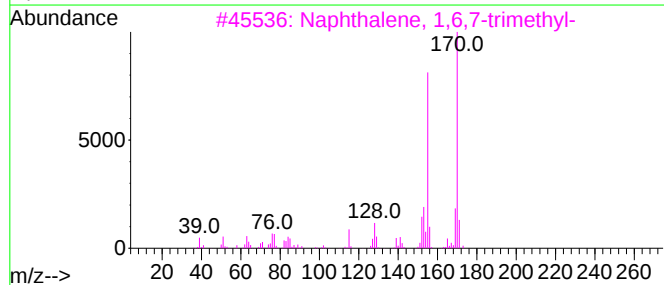
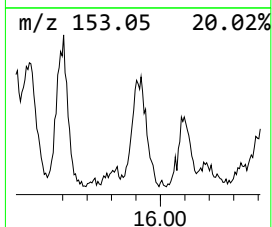
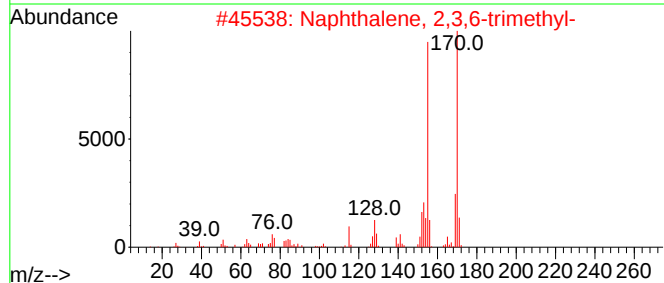
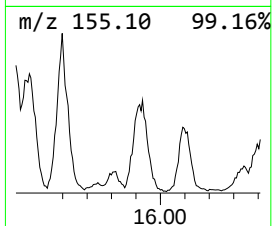
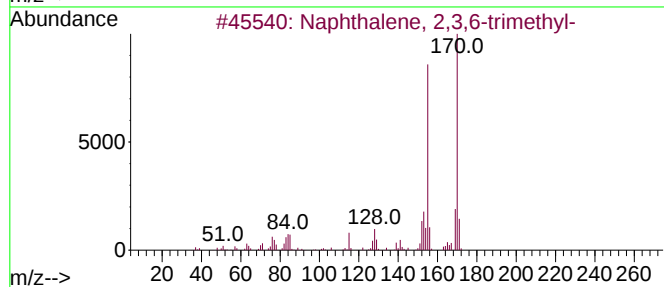
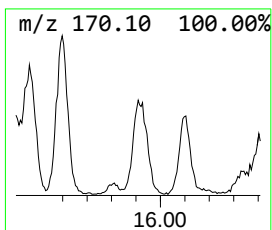
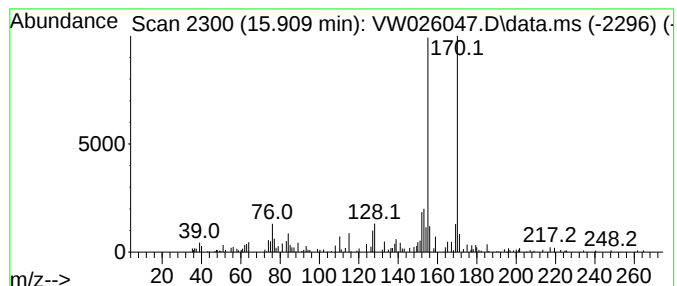
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Quant Title : SFAM01.0

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.909	3.48 ug/L	285125	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

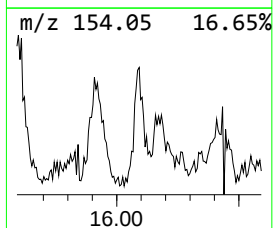
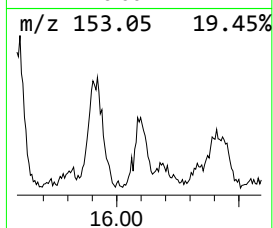
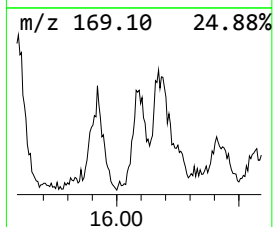
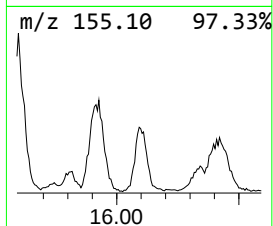
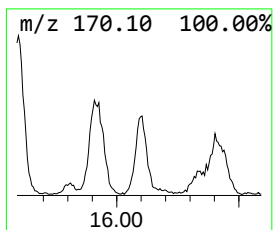
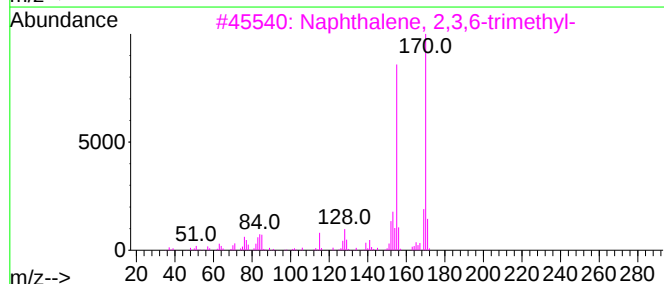
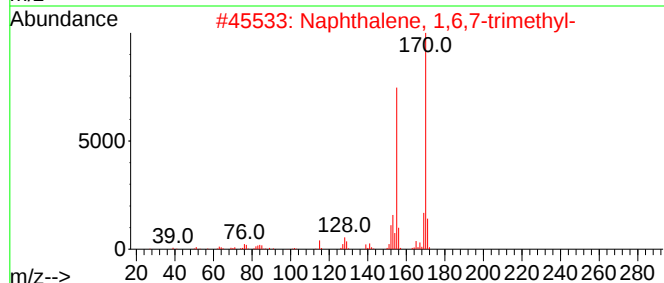
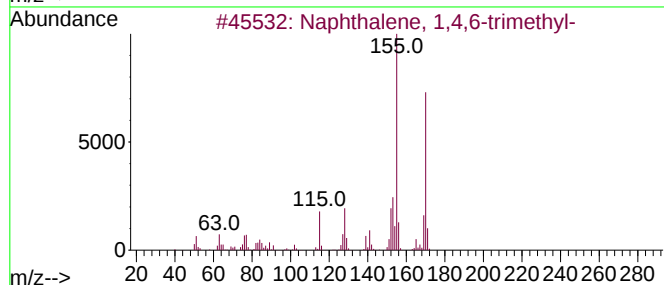
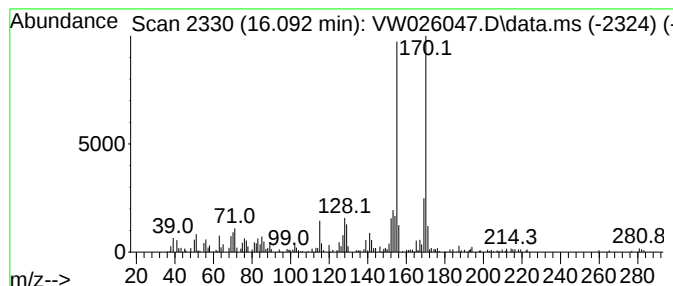
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Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	2.06 ug/L	168669	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	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	96
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

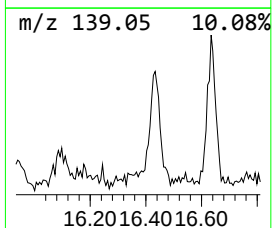
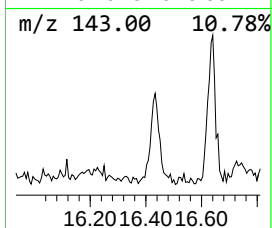
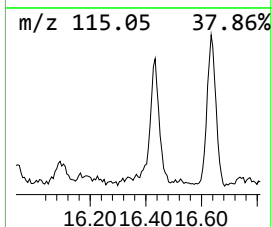
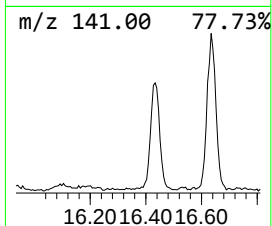
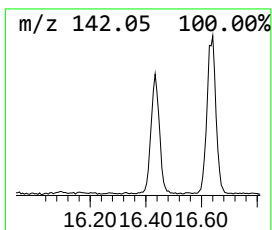
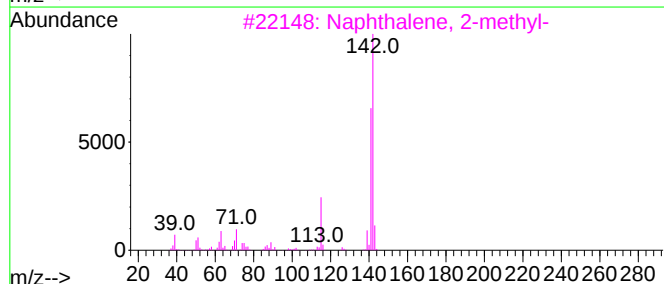
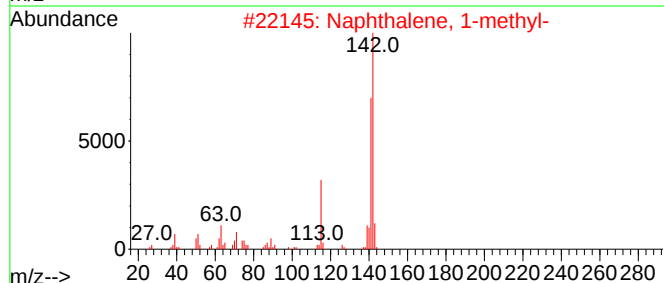
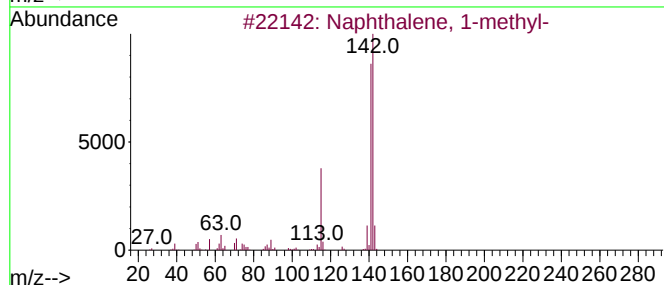
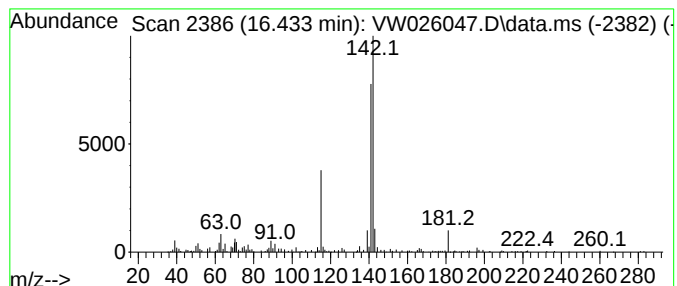
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Quant Title : SFAM01.0

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

Peak Number 16 1,4-Methanonaphthalene, 1,4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	3.17 ug/L	259325	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
Data File : VW026047.D
Acq On : 25 May 2023 17:50
Operator : SY/MD
Sample : VIBLK463
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK463

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.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...	5.935	1.6	ug/L	112232	1	8.843	1718950	25.0
Naphthalene, 2-...	12.367	30.7	ug/L	2548690	2	11.629	2076790	25.0
Naphthalene, 2,...	12.842	28.8	ug/L	2361700	3	13.556	2047140	25.0
Naphthalene, 2,...	13.275	34.6	ug/L	2834330	3	13.556	2047140	25.0
Naphthalene, 1,...	13.409	17.5	ug/L	1435770	3	13.556	2047140	25.0
Naphthalene, 1,...	13.927	8.8	ug/L	716939	3	13.556	2047140	25.0
Naphthalene, 1,...	14.263	6.6	ug/L	542450	3	13.556	2047140	25.0
Naphthalene, 2-...	14.927	20.9	ug/L	1707620	3	13.556	2047140	25.0
Naphthalene, 2-...	15.049	5.6	ug/L	456021	3	13.556	2047140	25.0
Naphthalene, 2,...	15.598	5.2	ug/L	428418	3	13.556	2047140	25.0
Naphthalene, 1,...	15.909	3.5	ug/L	285125	3	13.556	2047140	25.0
Naphthalene, 1,...	16.092	2.1	ug/L	168669	3	13.556	2047140	25.0
1,4-Methanonaph...	16.433	3.2	ug/L	259325	3	13.556	2047140	25.0