

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025662.D
 Acq On : 24 Apr 2023 16:28
 Operator : SY/MD
 Sample : 02479-06
 Misc : 5.01g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW947

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

Signal : TIC: VW025662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	74	78	86	rVB	36487	71794	10.49%	1.614%
2	3.527	267	269	270	rBV2	2312	1970	0.29%	0.044%
3	3.643	286	288	289	rBV2	2211	1837	0.27%	0.041%
4	3.722	298	301	302	rBV3	1828	1656	0.24%	0.037%
5	3.875	323	326	331	rBV7	2148	4788	0.70%	0.108%
6	3.960	337	340	342	rBV4	923	1344	0.20%	0.030%
7	4.027	342	351	363	rVB	79218	211796	30.93%	4.762%
8	4.344	401	403	404	rBV2	1587	1160	0.17%	0.026%
9	4.472	421	424	425	rBV3	1974	1918	0.28%	0.043%
10	4.661	451	455	458	rBV6	1995	3501	0.51%	0.079%
11	4.728	464	466	467	rBV2	1635	1072	0.16%	0.024%
12	4.838	483	484	487	rVB3	2107	1683	0.25%	0.038%
13	4.923	487	498	506	rBV3	13298	44085	6.44%	0.991%
14	5.313	561	562	565	rVB3	1579	1006	0.15%	0.023%
15	5.338	565	566	567	rBV	1636	1026	0.15%	0.023%
16	5.490	589	591	593	rVB3	1822	1388	0.20%	0.031%
17	5.533	593	598	599	rBV5	1873	2619	0.38%	0.059%
18	5.612	609	611	615	rVB5	1725	2249	0.33%	0.051%
19	5.649	615	617	621	rBV5	1919	1608	0.23%	0.036%
20	5.783	636	639	640	rBV3	1823	1813	0.26%	0.041%
21	5.801	640	642	644	rVB3	2034	1583	0.23%	0.036%
22	5.832	644	647	649	rBV4	1680	1793	0.26%	0.040%
23	5.880	652	655	658	rBV5	1098	1543	0.23%	0.035%
24	5.917	659	661	663	rBV3	1803	1820	0.27%	0.041%
25	6.112	689	693	696	rVB6	1783	2304	0.34%	0.052%
26	6.149	696	699	704	rBV6	1317	2507	0.37%	0.056%
27	6.265	717	718	720	rBV2	1218	1284	0.19%	0.029%
28	6.283	720	721	724	rVB3	1604	1423	0.21%	0.032%
29	6.423	741	744	745	rBV3	1455	1274	0.19%	0.029%
30	6.496	754	756	759	rBV4	1411	1416	0.21%	0.032%
31	6.527	759	761	763	rVV3	1778	1168	0.17%	0.026%
32	6.551	763	765	768	rBV4	1577	1923	0.28%	0.043%
33	6.588	768	771	775	rVB6	1363	1882	0.27%	0.042%
34	6.618	775	776	777	rBV	1792	1029	0.15%	0.023%
35	6.673	784	785	787	rVB2	1959	1322	0.19%	0.030%
36	6.697	787	789	792	rBV4	2538	3148	0.46%	0.071%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Title : SFAM01.0

37	6.740	795	796	799	rVB3	1926	1814	0.26%	0.041%
38	6.764	799	800	801	rBV	1827	975	0.14%	0.022%
39	7.081	845	852	853	rBV	18633	28540	4.17%	0.642%
40	7.374	898	900	903	rVV4	2111	1909	0.28%	0.043%
41	7.447	911	912	914	rBV2	1434	1033	0.15%	0.023%
42	7.526	924	925	927	rBV2	1800	1168	0.17%	0.026%
43	7.648	936	945	955	rBV	121868	302221	44.14%	6.795%
44	7.795	968	969	974	rVB5	2335	2301	0.34%	0.052%
45	7.929	988	991	992	rBV3	1282	1130	0.17%	0.025%
46	7.953	992	995	998	rBV5	1870	2625	0.38%	0.059%
47	8.014	1002	1005	1007	rBV4	2340	2537	0.37%	0.057%
48	8.276	1039	1048	1066	rVV2	222267	684685	100.00%	15.393%
49	8.441	1073	1075	1078	rBV4	1433	1868	0.27%	0.042%
50	8.545	1088	1092	1093	rBV4	2198	2437	0.36%	0.055%
51	8.618	1102	1104	1108	rBV5	1103	1605	0.23%	0.036%
52	8.667	1110	1112	1114	rVV3	1943	1625	0.24%	0.037%
53	8.843	1133	1141	1149	rBV	209268	421039	61.49%	9.466%
54	9.160	1192	1193	1197	rBV4	1237	1607	0.23%	0.036%
55	9.276	1204	1212	1220	rBV	169470	347177	50.71%	7.805%
56	9.441	1237	1239	1244	rVB6	1785	1648	0.24%	0.037%
57	9.611	1265	1267	1269	rBV3	1500	1449	0.21%	0.033%
58	9.776	1293	1294	1297	rBV3	1393	1329	0.19%	0.030%
59	9.837	1302	1304	1308	rVB5	2295	2623	0.38%	0.059%
60	9.867	1308	1309	1311	rBV2	1436	1297	0.19%	0.029%
61	9.892	1311	1313	1315	rVB3	1432	1201	0.18%	0.027%
62	10.038	1327	1337	1347	rBV	68833	138301	20.20%	3.109%
63	10.209	1364	1365	1367	rBV2	1317	1319	0.19%	0.030%
64	10.264	1372	1374	1376	rBV3	1330	1354	0.20%	0.030%
65	10.325	1376	1384	1393	rBV	259770	455682	66.55%	10.245%
66	10.520	1414	1416	1419	rBV4	1629	1789	0.26%	0.040%
67	10.575	1419	1425	1434	rBV	41293	79598	11.63%	1.790%
68	10.697	1442	1445	1451	rBV7	3196	6311	0.92%	0.142%
69	10.831	1466	1467	1470	rBV3	2028	2568	0.38%	0.058%
70	10.922	1477	1482	1496	rBV	56364	121842	17.80%	2.739%
71	11.154	1518	1520	1521	rBV2	1738	1064	0.16%	0.024%
72	11.184	1521	1525	1529	rBV7	2064	4189	0.61%	0.094%
73	11.538	1581	1583	1587	rBV5	1117	1022	0.15%	0.023%
74	11.629	1591	1598	1608	rBV	249313	417519	60.98%	9.387%
75	11.879	1637	1639	1641	rBV3	1746	1610	0.24%	0.036%
76	11.946	1647	1650	1653	rBV5	1709	2515	0.37%	0.057%

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77	11.977	1653	1655	1657	rVV3	1650	1313	0.19%	0.030%
78	12.020	1661	1662	1663	rBV	1598	1019	0.15%	0.023%
79	12.233	1695	1697	1700	rBV3	1444	1937	0.28%	0.044%
80	12.263	1700	1702	1706	rVV4	2209	2458	0.36%	0.055%
81	12.556	1749	1750	1751	rBV	1968	951	0.14%	0.021%
82	12.599	1754	1757	1763	rVB2	12367	22564	3.30%	0.507%
83	12.690	1766	1772	1779	rBV	116854	196181	28.65%	4.411%
84	12.794	1783	1789	1790	rBV6	3703	6589	0.96%	0.148%
85	13.001	1821	1823	1824	rBV2	1528	1247	0.18%	0.028%
86	13.111	1838	1841	1847	rVB8	2087	3899	0.57%	0.088%
87	13.275	1858	1868	1869	rBV8	14320	32148	4.70%	0.723%
88	13.556	1908	1914	1924	rBV	140983	233526	34.11%	5.250%
89	13.757	1945	1947	1949	rBV3	2493	1794	0.26%	0.040%
90	13.849	1955	1962	1969	rBV	138894	233292	34.07%	5.245%
91	14.062	1992	1997	2003	rVB	14120	23415	3.42%	0.526%
92	14.202	2017	2020	2021	rBV3	1626	1760	0.26%	0.040%
93	14.275	2025	2032	2033	rBV7	3305	6743	0.98%	0.152%
94	14.873	2127	2130	2131	rBV3	1888	1869	0.27%	0.042%
95	14.940	2131	2141	2151	rVV3	45143	146019	21.33%	3.283%
96	15.360	2207	2210	2217	rVB2	19394	30871	4.51%	0.694%
97	15.427	2217	2221	2225	rVB3	9506	14632	2.14%	0.329%
98	16.433	2380	2386	2392	rBV4	10007	23444	3.42%	0.527%
99	16.635	2414	2419	2425	rVB7	7774	14598	2.13%	0.328%
100	16.732	2433	2435	2437	rBV3	2794	3447	0.50%	0.077%

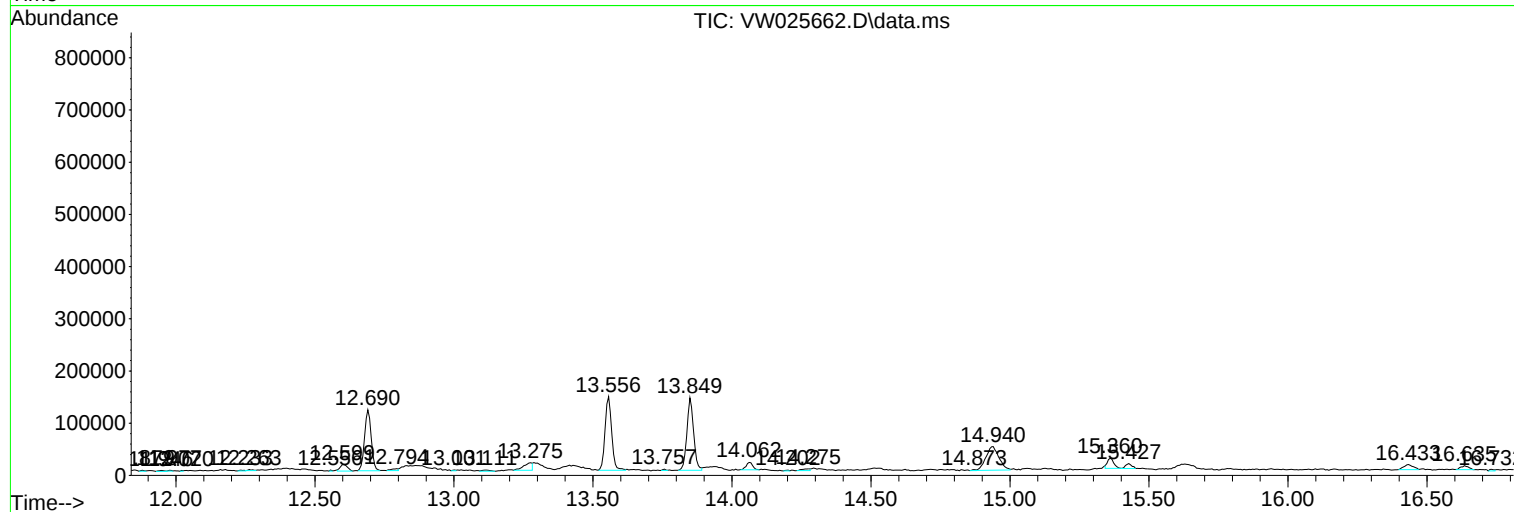
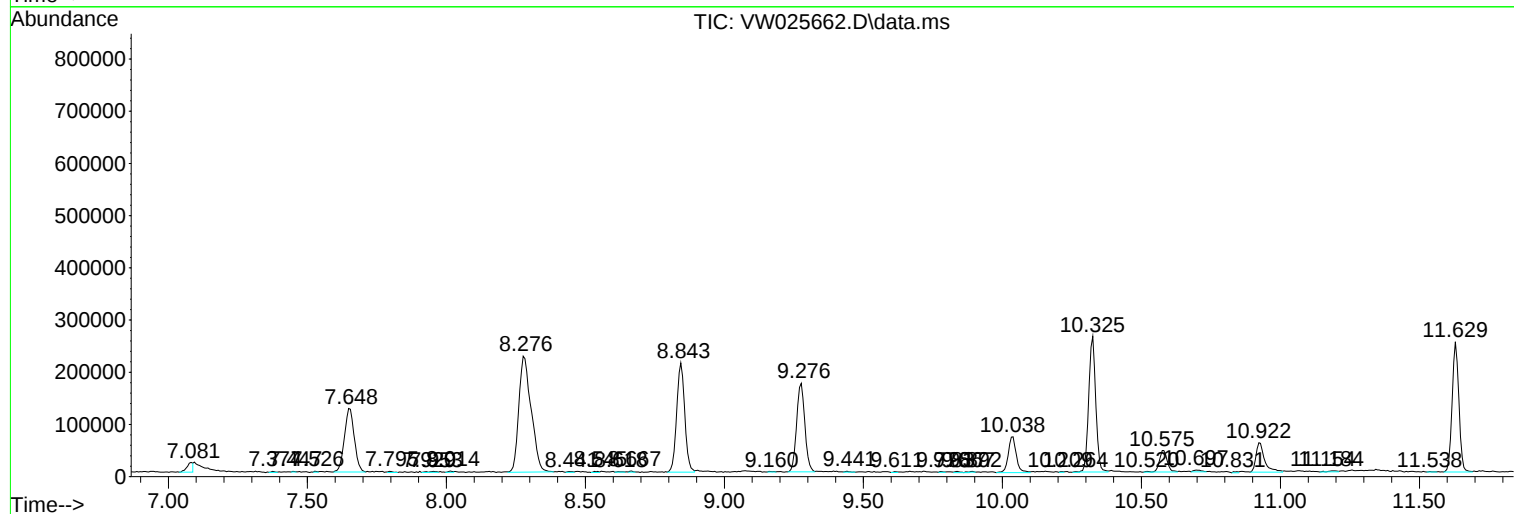
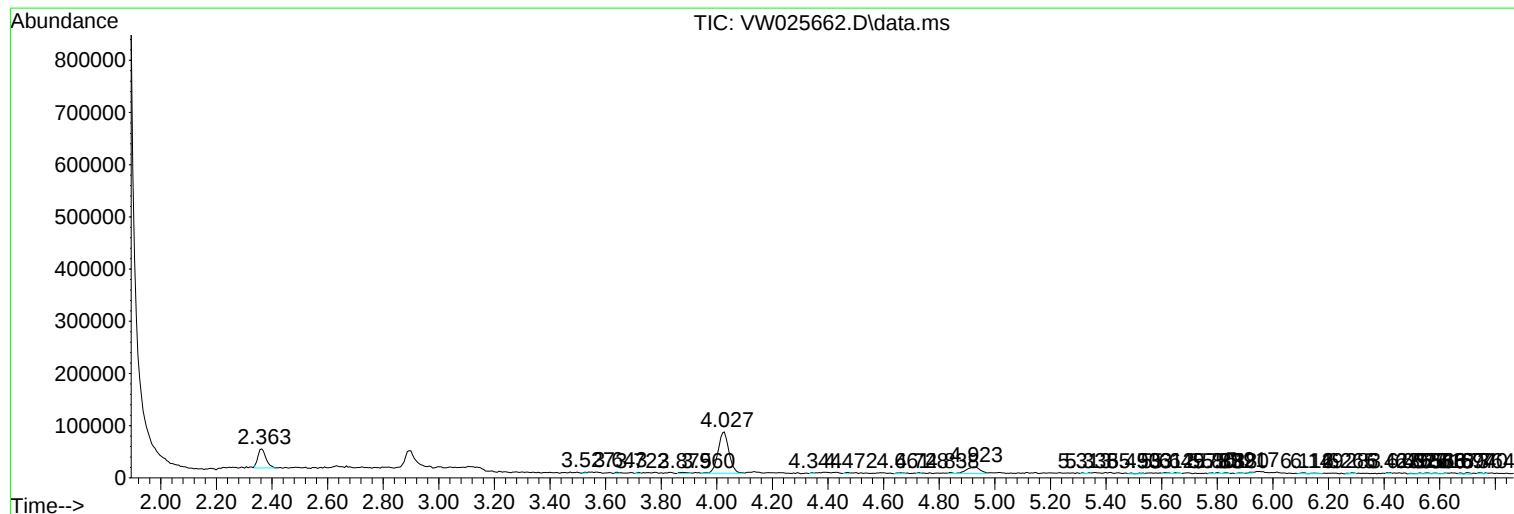
Sum of corrected areas: 4447974

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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



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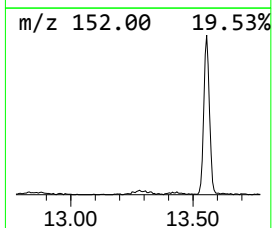
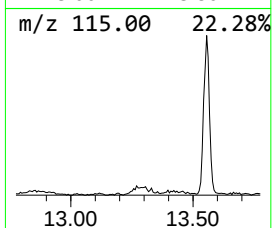
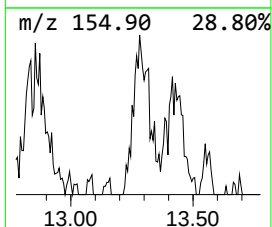
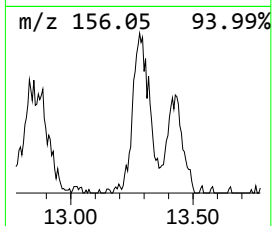
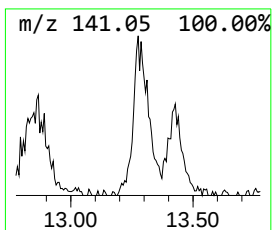
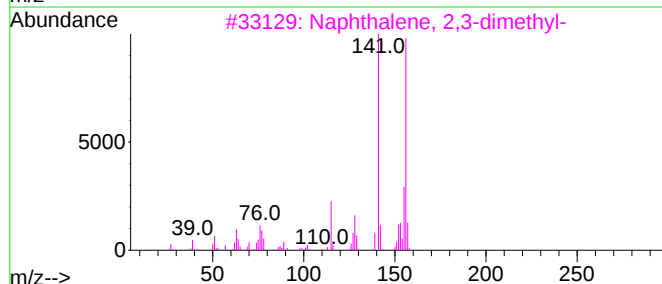
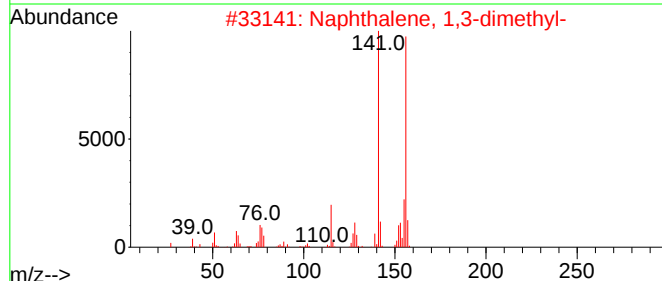
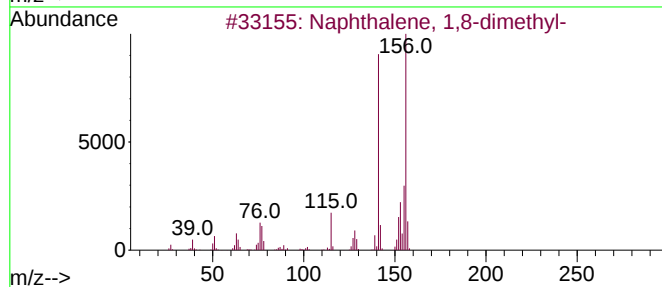
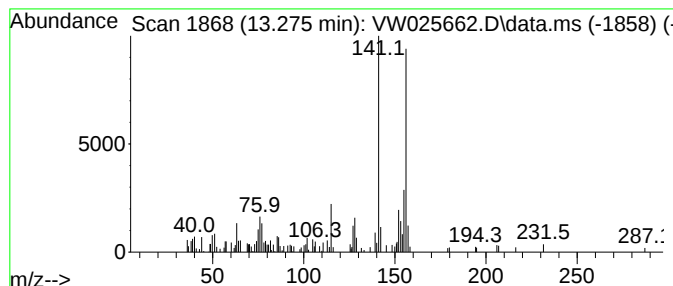
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	3.44 ug/L	32148	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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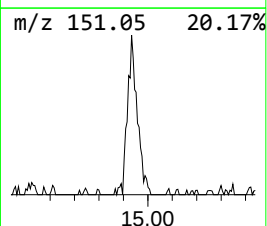
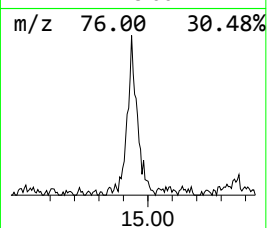
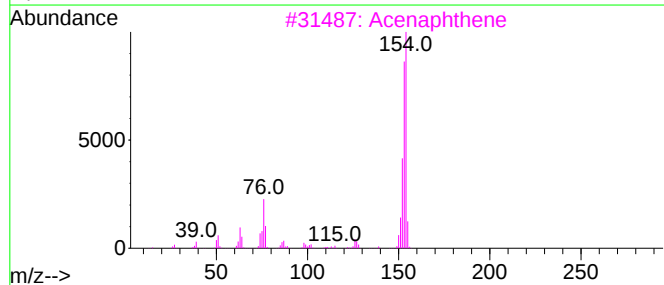
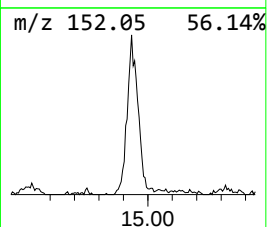
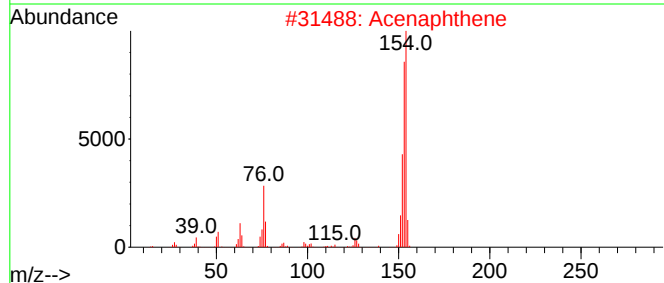
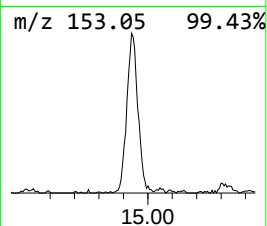
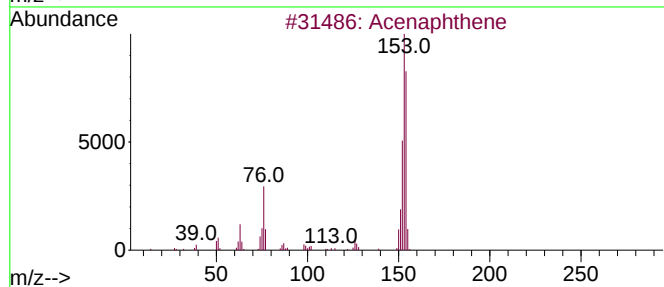
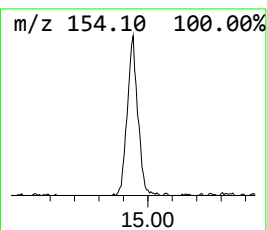
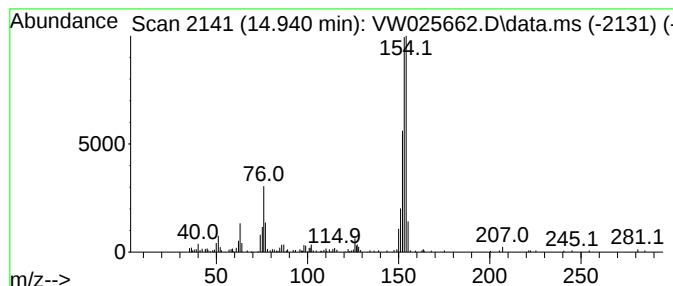
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 2-ethenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	15.63 ug/L	146019	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	96
2			Acenaphthene	154	C12H10	000083-32-9	95
3			Acenaphthene	154	C12H10	000083-32-9	90
4			Acenaphthene	154	C12H10	000083-32-9	81
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	70



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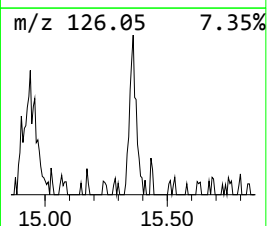
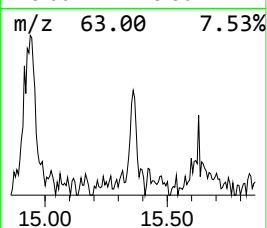
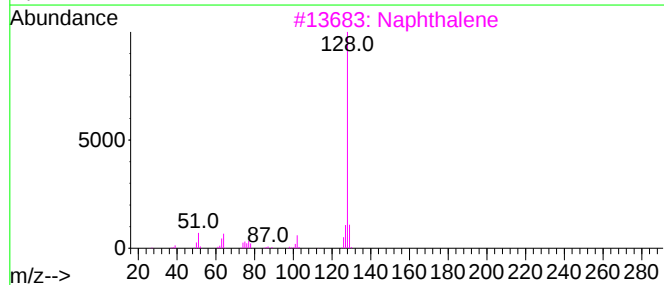
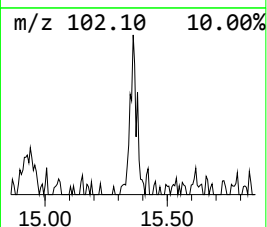
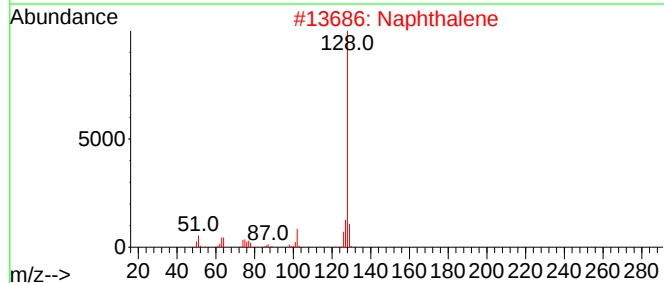
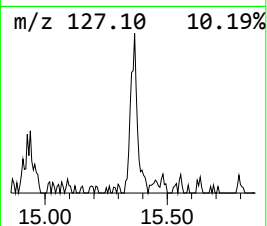
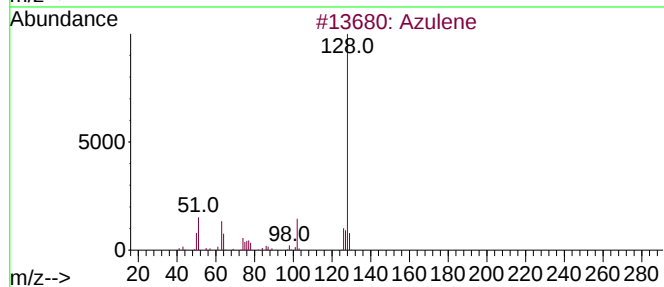
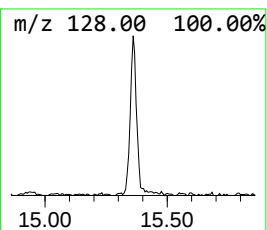
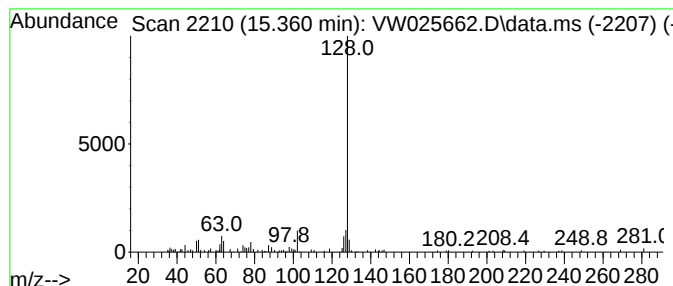
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	3.30 ug/L	30871	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	90
2			Naphthalene	128	C10H8	000091-20-3	78
3			Naphthalene	128	C10H8	000091-20-3	72
4			Azulene	128	C10H8	000275-51-4	72
5			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
Data File : VW025662.D
Acq On : 24 Apr 2023 16:28
Operator : SY/MD
Sample : 02479-06
Misc : 5.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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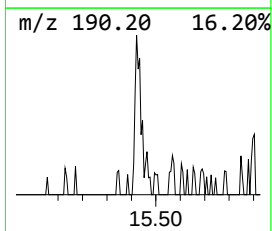
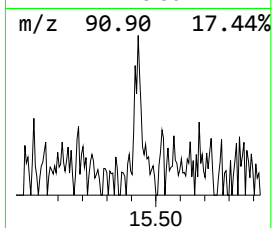
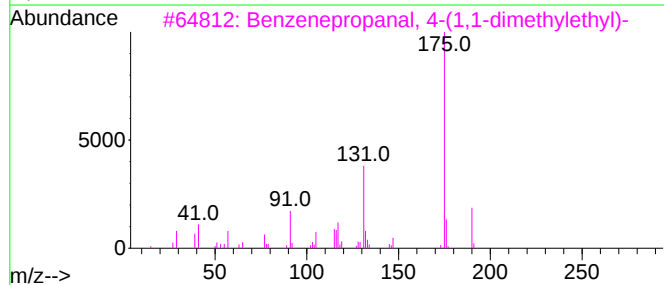
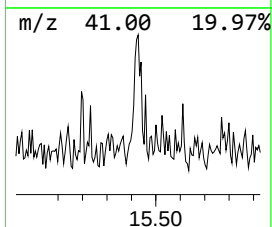
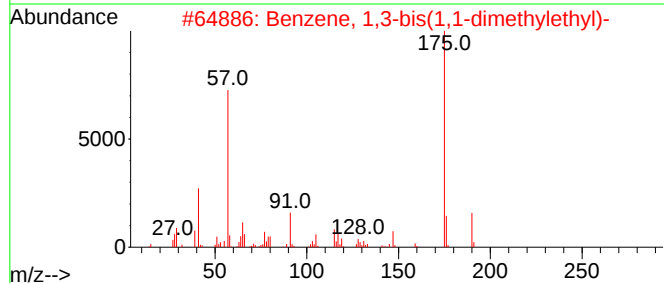
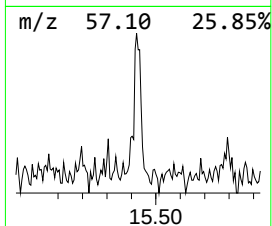
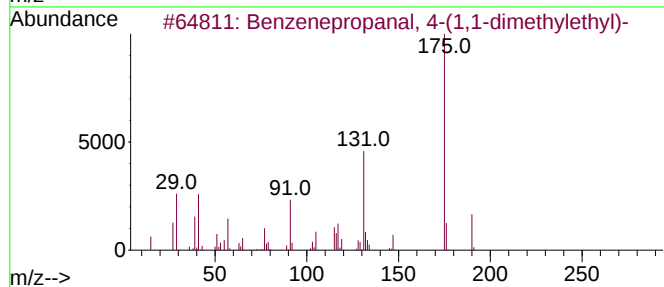
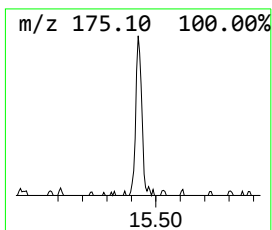
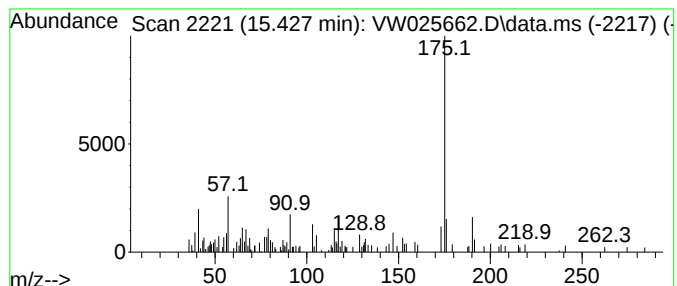
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Quant Title : SFAM01.0

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

Peak Number 7 Benzenepropanal, 4-(1,1-dimethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	1.57 ug/L	14632	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	89
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	70
3			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	64
4			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	62
5			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
Data File : VW025662.D
Acq On : 24 Apr 2023 16:28
Operator : SY/MD
Sample : 02479-06
Misc : 5.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW947

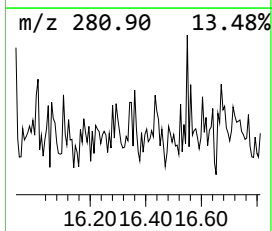
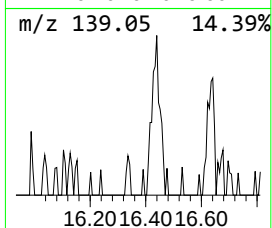
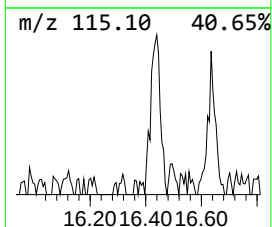
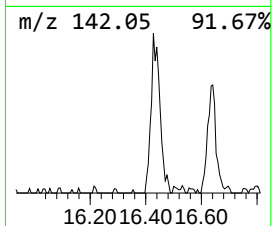
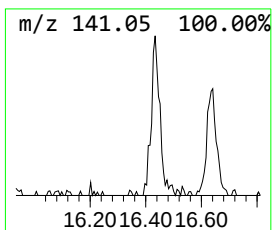
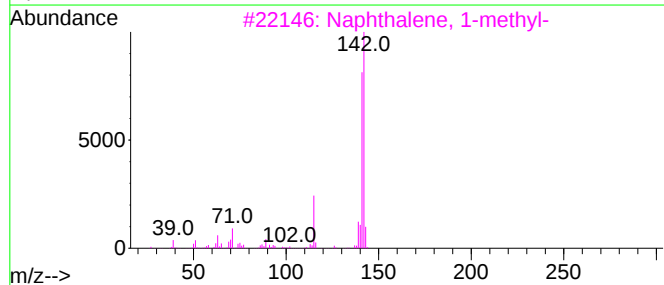
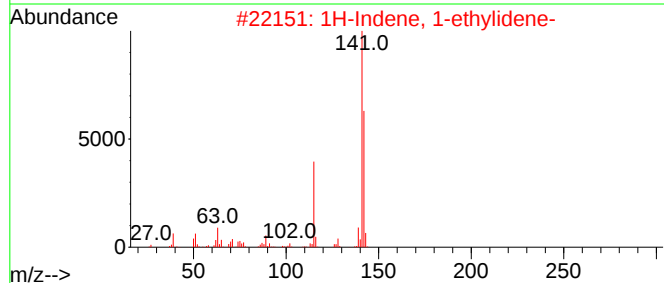
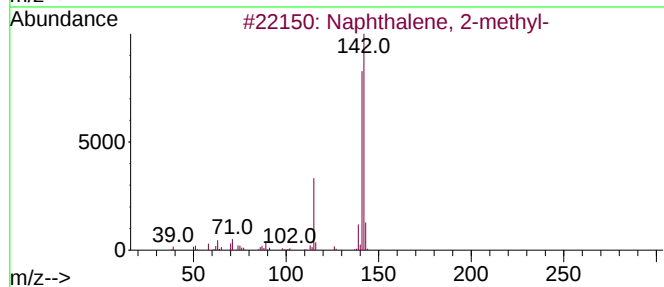
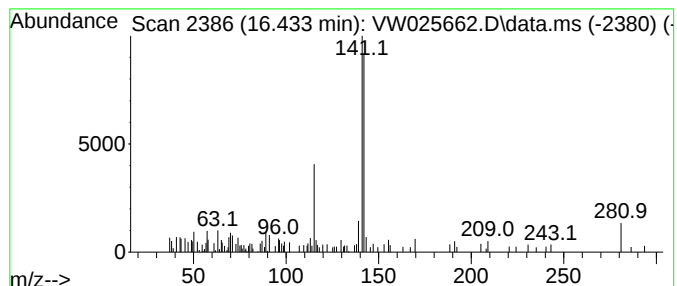
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Quant Title : SFAM01.0

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

Peak Number 8 1H-Indene, 1-ethylidene- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	2.51 ug/L	23444	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
2			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
Data File : VW025662.D
Acq On : 24 Apr 2023 16:28
Operator : SY/MD
Sample : 02479-06
Misc : 5.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW947

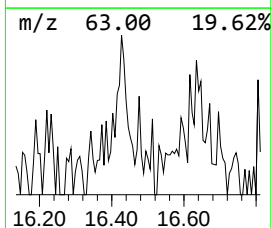
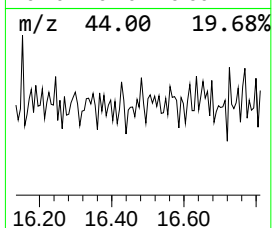
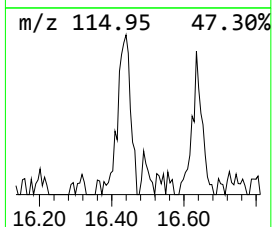
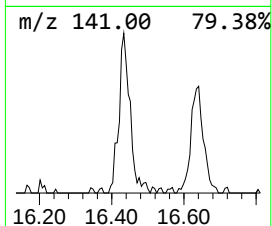
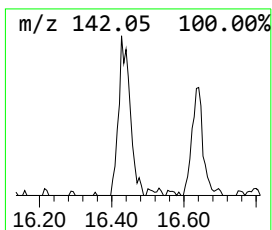
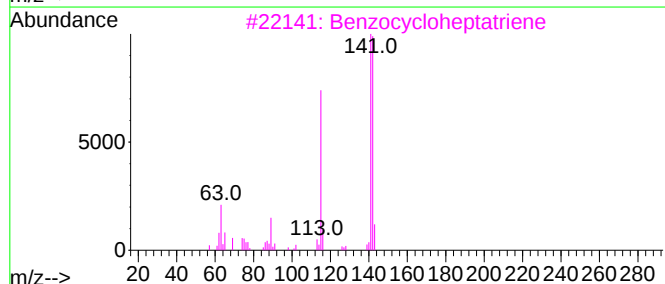
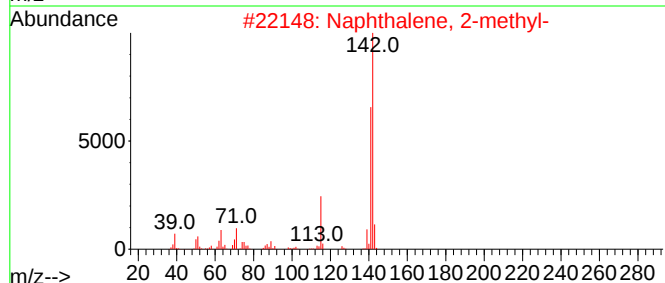
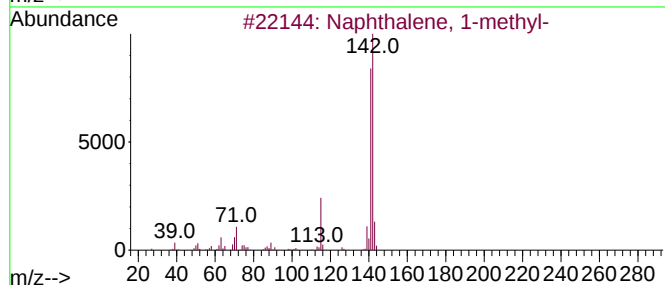
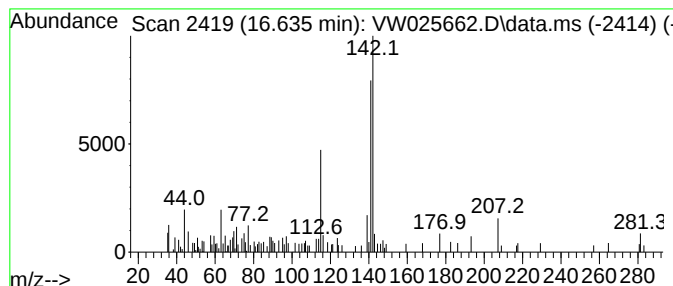
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Quant Title : SFAM01.0

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.635	1.56 ug/L	14598	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
3			Benzocycloheptatriene	142	C11H10	000264-09-5	80
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	72
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
Data File : VW025662.D
Acq On : 24 Apr 2023 16:28
Operator : SY/MD
Sample : 02479-06
Misc : 5.01g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW947

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	13.275	3.4	ug/L	32148	3	13.556	233526	25.0
Naphthalene, 2-...	14.940	15.6	ug/L	146019	3	13.556	233526	25.0
Azulene	15.360	3.3	ug/L	30871	3	13.556	233526	25.0
Benzenepropanal...	15.428	1.6	ug/L	14632	3	13.556	233526	25.0
1H-Indene, 1-et...	16.433	2.5	ug/L	23444	3	13.556	233526	25.0
Benzocyclohepta...	16.635	1.6	ug/L	14598	3	13.556	233526	25.0