

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026779.D
 Acq On : 18 Aug 2023 18:58
 Operator : SY/MD
 Sample : 04037-03RE
 Misc : 6.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYJ8RE

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026779.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.966	11	13	21	rVB8	3440	6291	0.10%	0.018%
2	2.174	36	47	49	rBV4	5968	15802	0.26%	0.045%
3	2.216	49	54	55	rBV5	4347	6635	0.11%	0.019%
4	2.363	71	78	95	rBV	83299	268091	4.34%	0.761%
5	2.893	158	165	183	rBV	87444	258543	4.19%	0.733%
6	3.100	197	199	202	rVB4	1993	1482	0.02%	0.004%
7	3.295	228	231	235	rVB5	1390	1790	0.03%	0.005%
8	3.369	240	243	244	rBV2	677	930	0.02%	0.003%
9	3.417	250	251	255	rVB4	1669	1302	0.02%	0.004%
10	3.448	255	256	259	rVB3	900	965	0.02%	0.003%
11	3.491	259	263	264	rBV3	1043	1284	0.02%	0.004%
12	4.027	337	351	367	rBV	217901	839053	13.60%	2.380%
13	4.271	389	391	393	rVB3	1036	1023	0.02%	0.003%
14	4.301	393	396	398	rVV3	948	1073	0.02%	0.003%
15	4.399	401	412	422	rVV	8647	29952	0.49%	0.085%
16	4.588	440	443	445	rBV3	668	949	0.02%	0.003%
17	4.661	453	455	457	rVB3	1030	877	0.01%	0.002%
18	4.923	485	498	522	rBV2	34997	166187	2.69%	0.471%
19	5.179	535	540	544	rBV6	773	1826	0.03%	0.005%
20	5.307	559	561	563	rVB3	900	921	0.01%	0.003%
21	5.423	576	580	584	rBV7	1693	2978	0.05%	0.008%
22	5.557	601	602	606	rVB4	984	1037	0.02%	0.003%
23	5.765	634	636	639	rBV3	1032	1089	0.02%	0.003%
24	5.941	655	665	675	rBV4	8979	26333	0.43%	0.075%
25	6.161	699	701	705	rBV3	762	1027	0.02%	0.003%
26	6.216	705	710	713	rBV6	790	1053	0.02%	0.003%
27	6.496	752	756	759	rVB4	911	1285	0.02%	0.004%
28	6.533	759	762	764	rBV4	774	886	0.01%	0.003%
29	6.898	818	822	823	rBV4	750	868	0.01%	0.002%
30	6.935	827	828	832	rVB4	1422	1424	0.02%	0.004%
31	6.972	832	834	836	rBV3	980	1233	0.02%	0.003%
32	7.148	847	863	877	rBV5	76926	320174	5.19%	0.908%
33	7.295	885	887	889	rVB3	1186	1068	0.02%	0.003%
34	7.337	892	894	898	rVB5	1205	1589	0.03%	0.005%
35	7.368	898	899	902	rBV3	767	825	0.01%	0.002%
36	7.429	906	909	913	rVB5	1395	2052	0.03%	0.006%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

37	7.496	915	920	922	rVB6	1333	1888	0.03%	0.005%
38	7.551	922	929	934	rBV6	1576	4308	0.07%	0.012%
39	7.673	939	949	963	rBV	503207	1254859	20.33%	3.560%
40	7.770	963	965	969	rVB4	1706	2225	0.04%	0.006%
41	7.953	988	995	997	rBV6	1619	3992	0.06%	0.011%
42	8.167	1027	1030	1033	rVB5	1311	1329	0.02%	0.004%
43	8.276	1038	1048	1065	rBV2	1045078	3116165	50.50%	8.840%
44	8.392	1065	1067	1071	rVB5	1495	1571	0.03%	0.004%
45	8.526	1087	1089	1091	rVB3	1093	1021	0.02%	0.003%
46	8.563	1091	1095	1097	rBV5	1024	1125	0.02%	0.003%
47	8.697	1111	1117	1121	rBV8	2015	4067	0.07%	0.012%
48	8.843	1131	1141	1152	rBV	848549	1723085	27.92%	4.888%
49	9.093	1172	1182	1199	rVV3	694130	1461288	23.68%	4.146%
50	9.203	1199	1200	1203	rBV3	1180	1042	0.02%	0.003%
51	9.276	1203	1212	1221	rBV	733631	1506272	24.41%	4.273%
52	9.672	1272	1277	1285	rVV7	3999	10475	0.17%	0.030%
53	9.764	1288	1292	1295	rBV6	2001	2693	0.04%	0.008%
54	9.831	1299	1303	1306	rVB5	1434	2060	0.03%	0.006%
55	9.867	1306	1309	1311	rBV4	1800	2716	0.04%	0.008%
56	10.032	1329	1336	1348	rBV2	369559	680754	11.03%	1.931%
57	10.117	1348	1350	1351	rBV2	1639	1287	0.02%	0.004%
58	10.203	1363	1364	1365	rBV	1406	1003	0.02%	0.003%
59	10.325	1375	1384	1392	rBV	1379974	2511752	40.70%	7.126%
60	10.575	1418	1425	1435	rBV	240116	422727	6.85%	1.199%
61	10.703	1440	1446	1454	rVB	41395	73957	1.20%	0.210%
62	10.758	1454	1455	1459	rBV4	2006	2527	0.04%	0.007%
63	10.953	1478	1487	1501	rBV3	189590	470630	7.63%	1.335%
64	11.629	1591	1598	1610	rBV	1273441	2129440	34.51%	6.041%
65	11.837	1628	1632	1637	rBV4	10673	19064	0.31%	0.054%
66	12.471	1731	1736	1740	rBV4	10923	21489	0.35%	0.061%
67	12.568	1749	1752	1753	rBV3	7919	9955	0.16%	0.028%
68	12.599	1753	1757	1772	rVB3	53645	127533	2.07%	0.362%
69	12.782	1783	1787	1789	rBV5	9318	16513	0.27%	0.047%
70	12.928	1807	1811	1816	rBV4	22934	43438	0.70%	0.123%
71	13.166	1846	1850	1855	rVB5	9633	15487	0.25%	0.044%
72	13.269	1860	1867	1869	rBV5	26857	69114	1.12%	0.196%
73	13.556	1907	1914	1922	rVB	1381395	2221744	36.00%	6.303%
74	13.788	1949	1952	1955	rVB2	17017	20386	0.33%	0.058%
75	13.848	1955	1962	1970	rBV	1283034	2296088	37.21%	6.514%
76	14.007	1985	1988	1990	rBV4	16863	24458	0.40%	0.069%

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 Title : SFAM01.0

77	14.196	2014	2019	2024	rBV	54021	98439	1.60%	0.279%
78	14.257	2025	2029	2036	rVV7	25781	67619	1.10%	0.192%
79	14.336	2036	2042	2045	rVV5	45794	103200	1.67%	0.293%
80	14.379	2045	2049	2052	rVV3	99368	167966	2.72%	0.477%
81	14.415	2052	2055	2058	rVV	80940	130410	2.11%	0.370%
82	14.452	2058	2061	2065	rVV	114898	166380	2.70%	0.472%
83	14.495	2065	2068	2071	rVV	60157	85784	1.39%	0.243%
84	14.537	2071	2075	2082	rVB5	106721	207187	3.36%	0.588%
85	14.635	2088	2091	2095	rVB	46263	67083	1.09%	0.190%
86	14.720	2100	2105	2110	rVB3	134746	226401	3.67%	0.642%
87	14.787	2110	2116	2123	rBV2	238049	499672	8.10%	1.418%
88	14.848	2123	2126	2131	rVB	78728	125081	2.03%	0.355%
89	14.995	2144	2150	2156	rBV5	29183	83495	1.35%	0.237%
90	15.062	2157	2161	2173	rVB2	112511	295398	4.79%	0.838%
91	15.165	2173	2178	2188	rBV5	90804	226660	3.67%	0.643%
92	15.312	2197	2202	2205	rBV3	74820	124835	2.02%	0.354%
93	15.360	2205	2210	2215	rVV	146639	234954	3.81%	0.667%
94	15.464	2223	2227	2236	rVV2	68128	151519	2.46%	0.430%
95	15.543	2237	2240	2249	rVB4	64516	125768	2.04%	0.357%
96	15.726	2265	2270	2274	rVB3	47906	77613	1.26%	0.220%
97	15.940	2301	2305	2311	rVB5	64714	120813	1.96%	0.343%
98	16.366	2372	2375	2377	rBV4	14678	21466	0.35%	0.061%
99	16.433	2378	2386	2401	rVB	2931457	6171028	100.00%	17.507%
100	16.635	2411	2419	2436	rVB	1582076	3419590	55.41%	9.701%

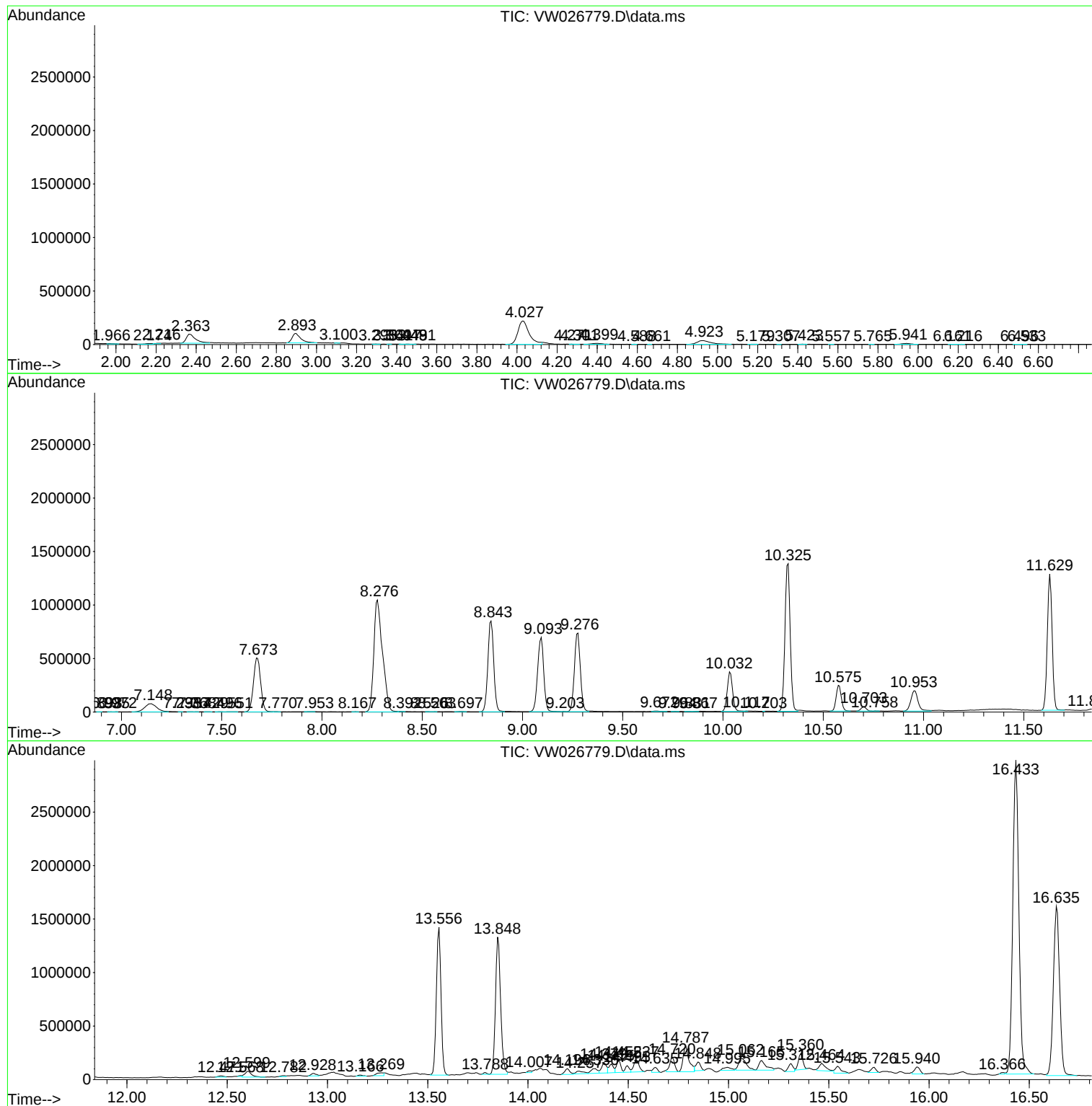
Sum of corrected areas: 35249785

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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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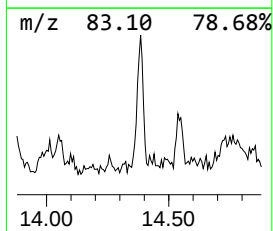
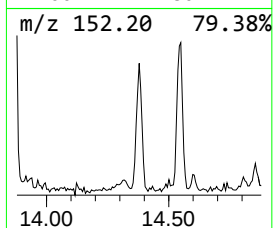
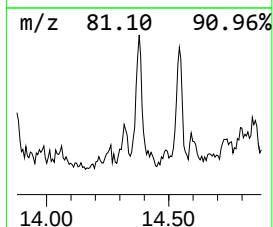
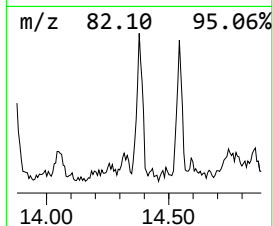
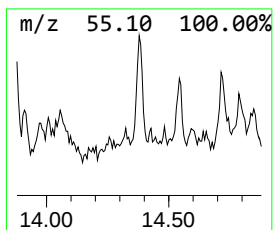
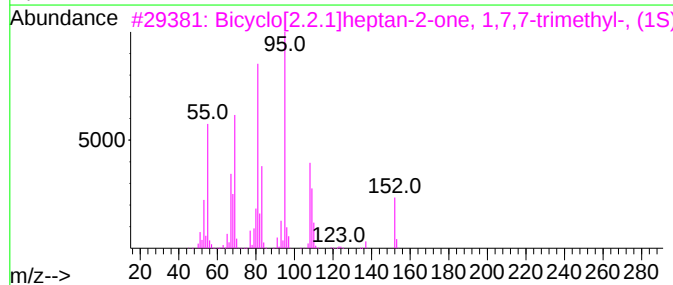
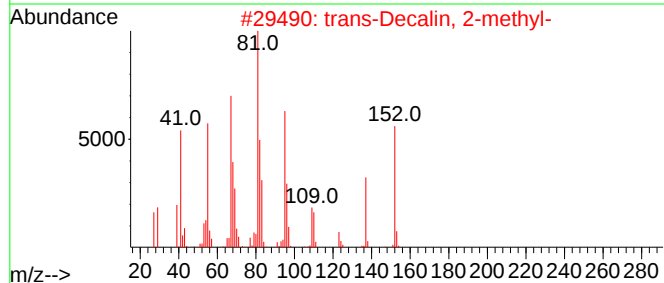
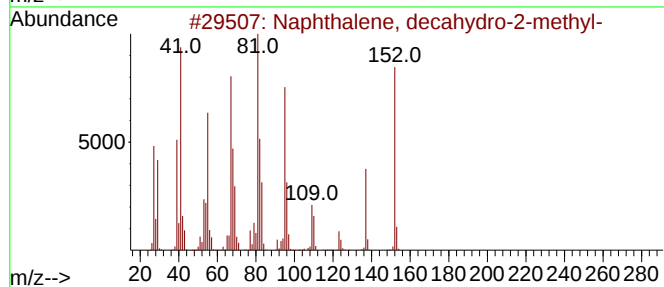
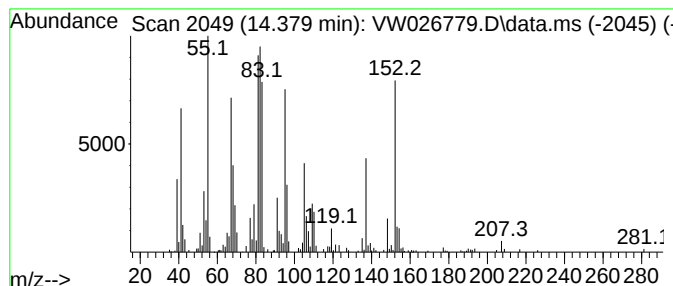
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	1.89 ug/L	167966	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60



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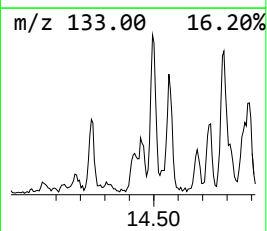
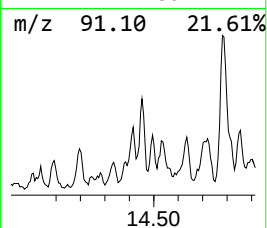
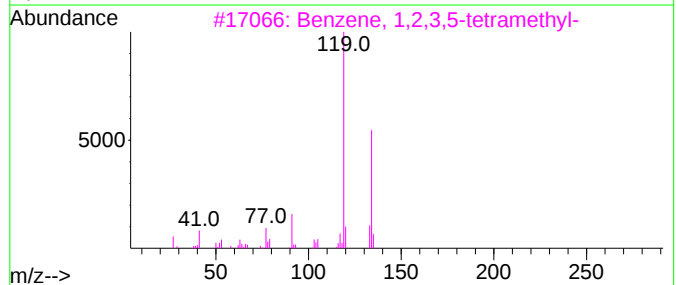
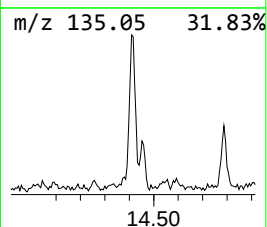
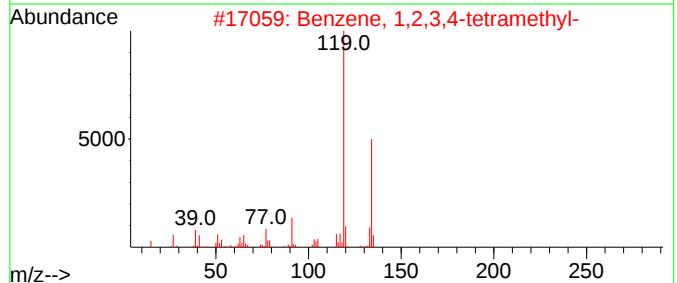
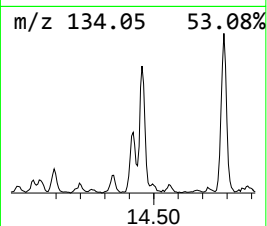
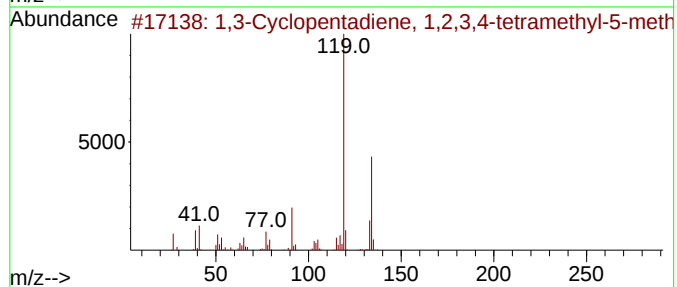
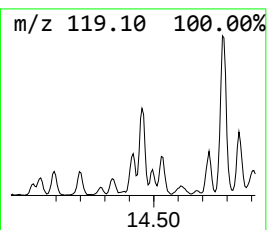
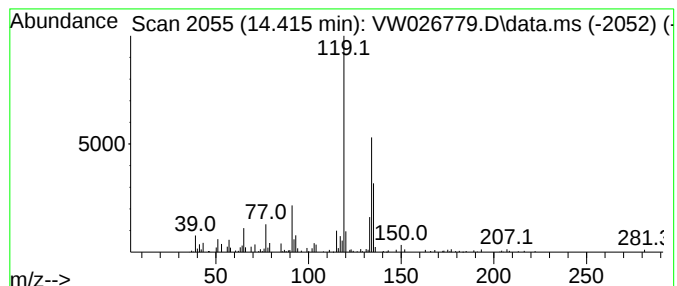
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	1.47 ug/L	130410	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	90
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87



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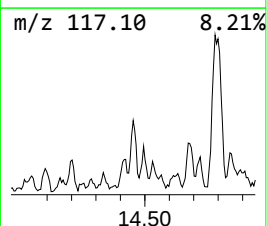
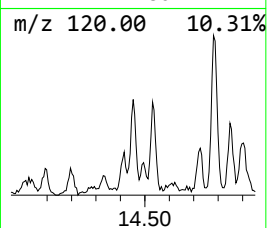
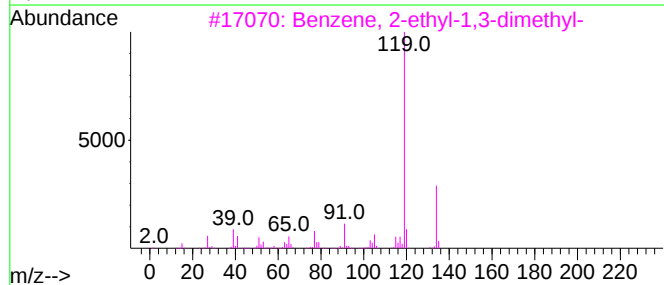
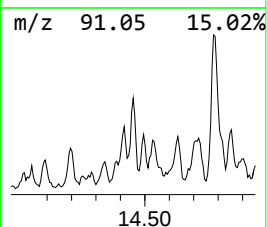
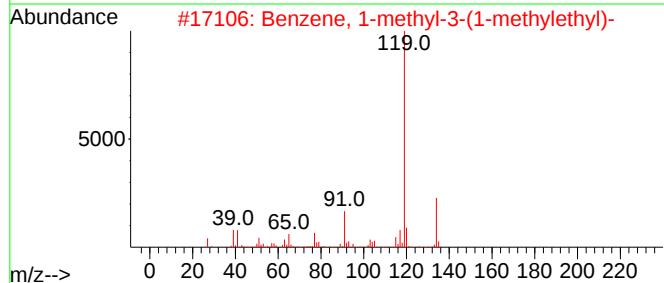
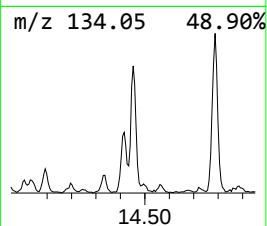
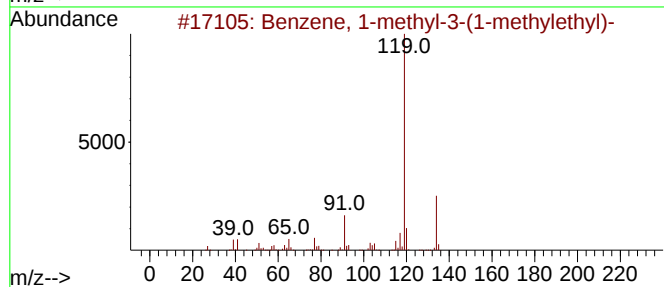
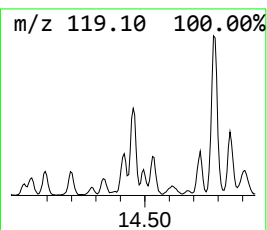
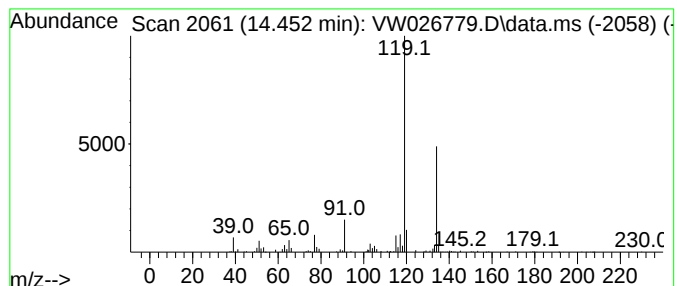
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	1.87 ug/L	166380	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

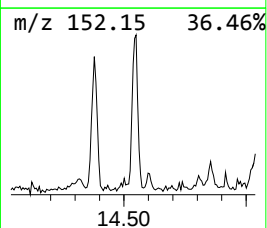
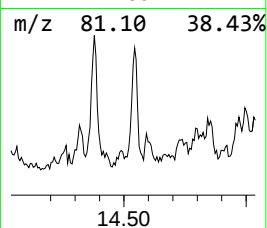
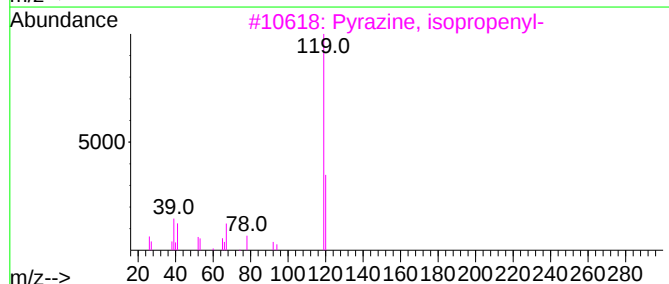
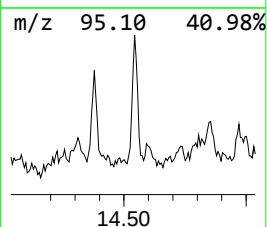
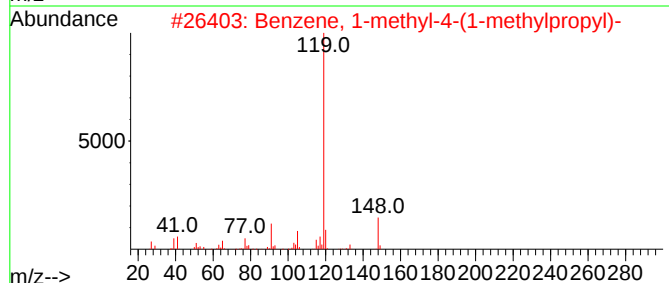
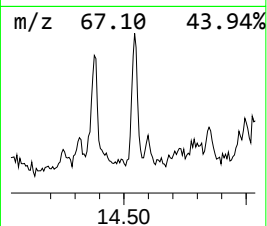
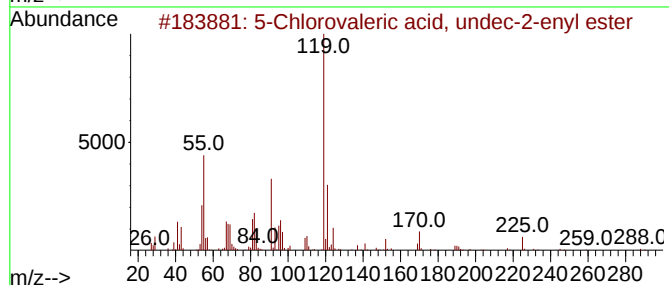
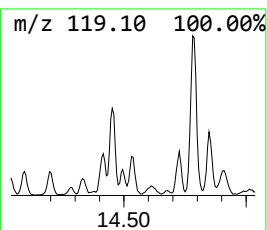
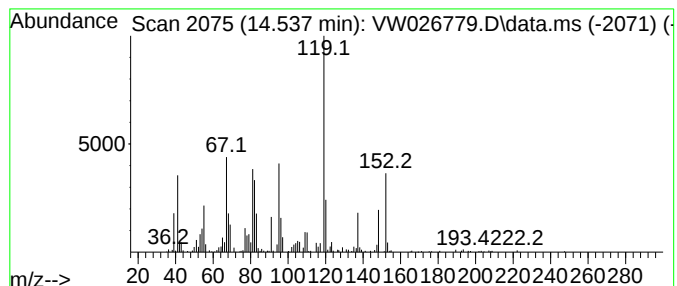
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.537	2.33 ug/L	207187	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Chlorovaleric acid, undec-2-en...	288	C16H29ClO2	1000292-48-1	32
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	27
3			Pyrazine, isopropenyl-	120	C7H8N2	034413-32-6	27
4			2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	25
5			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

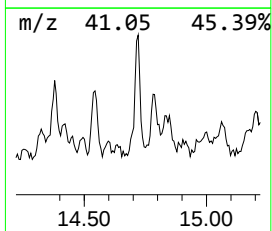
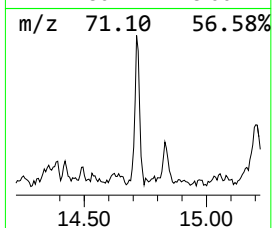
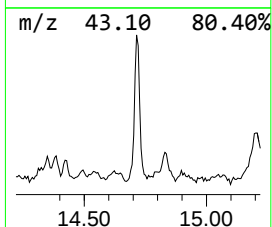
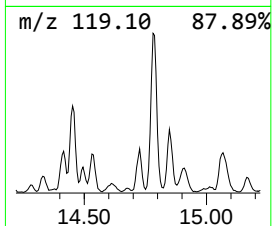
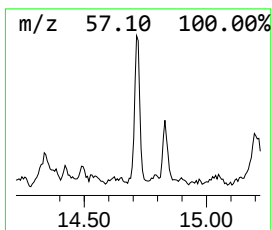
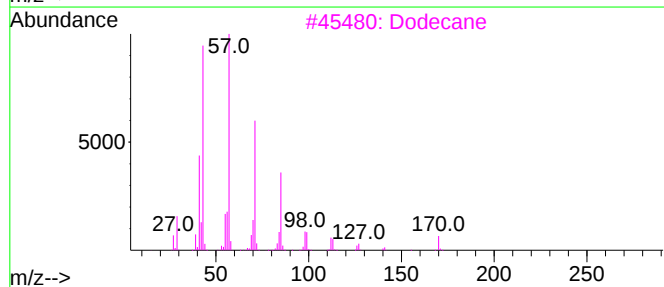
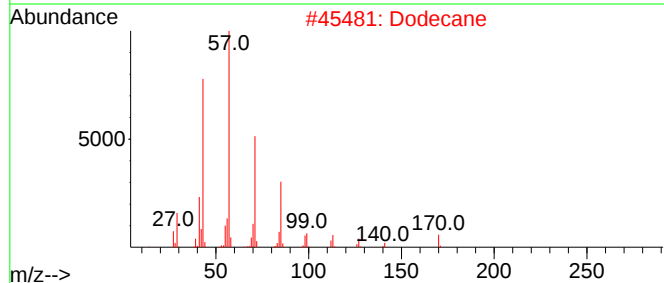
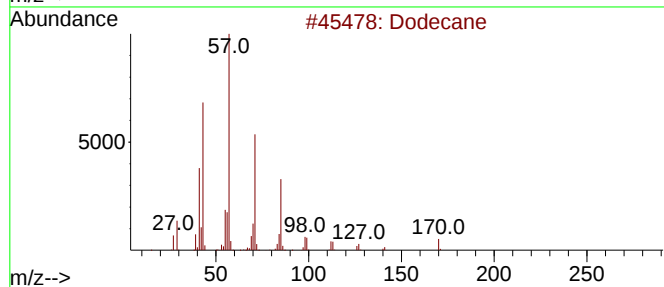
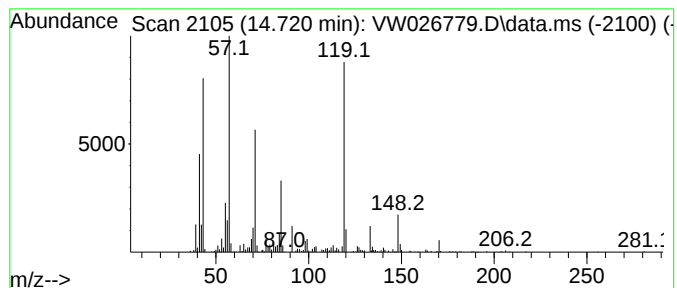
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.720	2.55 ug/L	226401	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	55
2			Dodecane	170	C12H26	000112-40-3	38
3			Dodecane	170	C12H26	000112-40-3	35
4			p-Toluic acid, 2,2-dimethylpropy...	206	C13H18O2	069912-01-2	35
5			Hexadecane	226	C16H34	000544-76-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

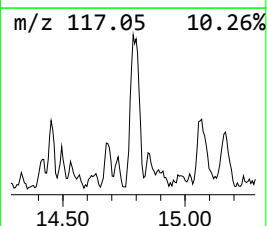
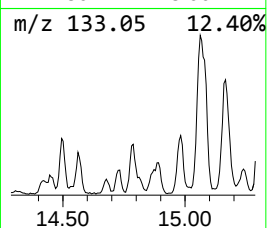
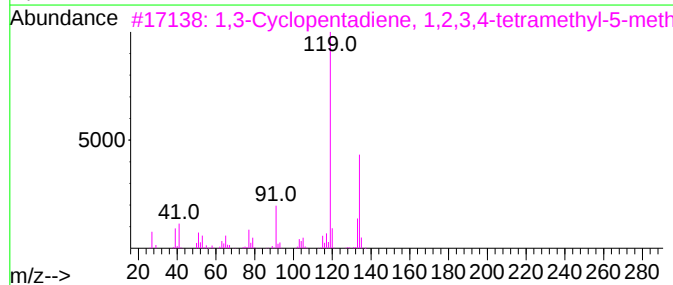
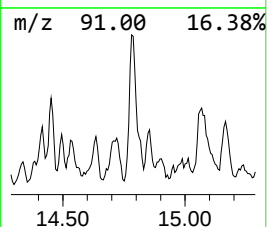
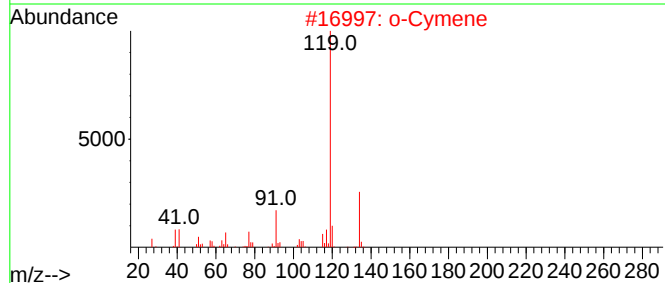
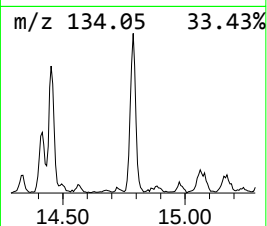
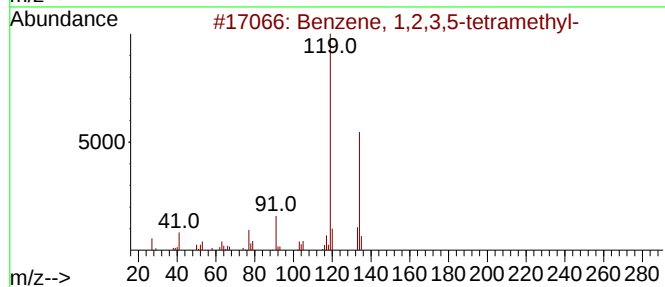
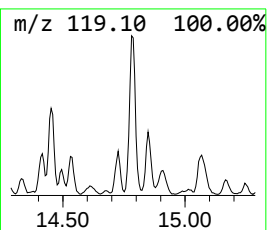
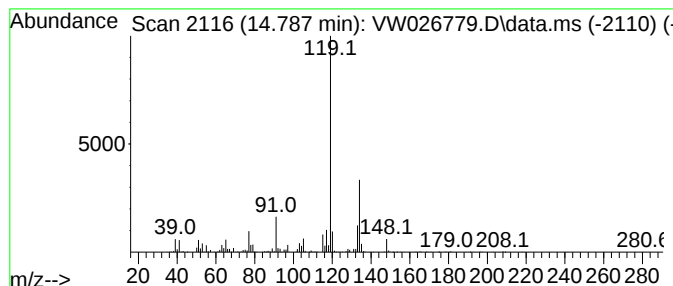
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	5.62 ug/L	499672	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

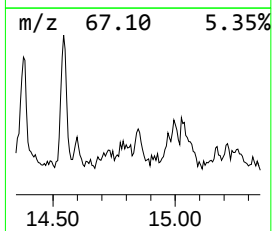
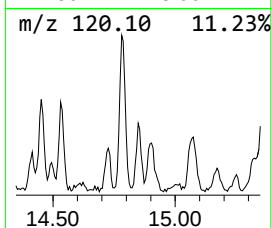
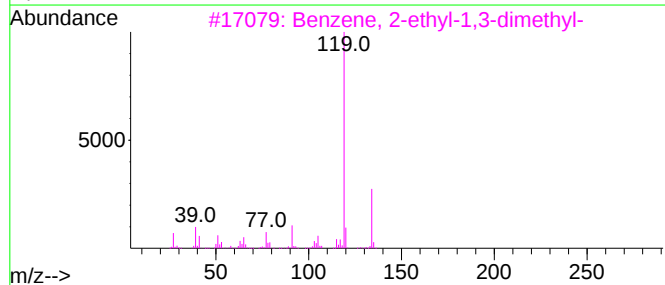
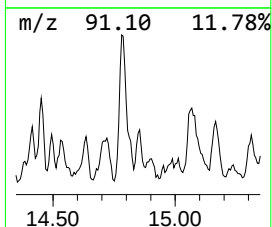
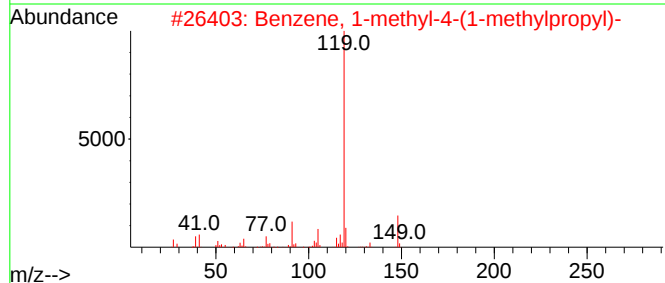
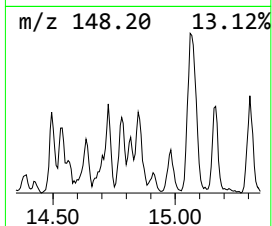
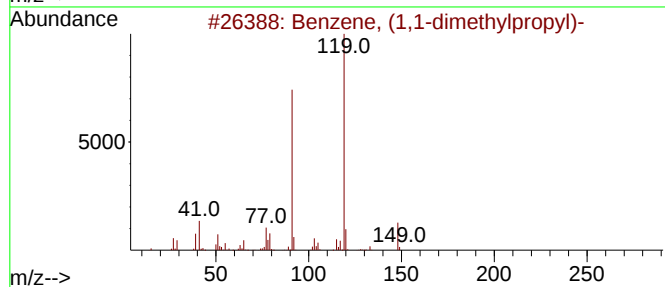
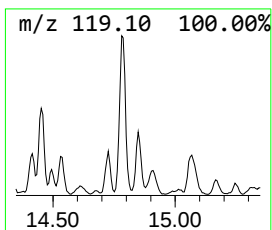
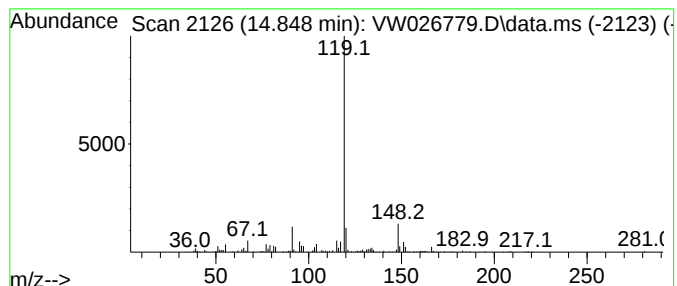
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Quant Title : SFAM01.0

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

Peak Number 9 Benzene, (1,1-dimethylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	1.41 ug/L	125081	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	80
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4			Butyric acid, 2-phenyl-, 4-nitro...	285	C16H15NO4	1000406-87-5	64
5			1,3-Benzenediol, o-(5-chlorovale...	346	C19H19ClO4	1000330-74-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

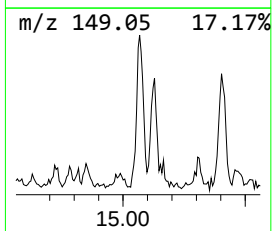
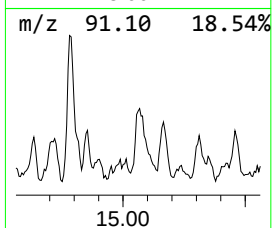
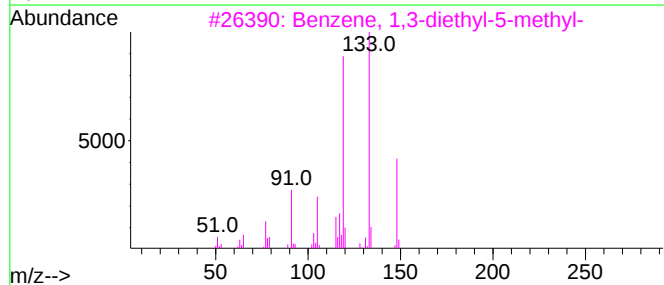
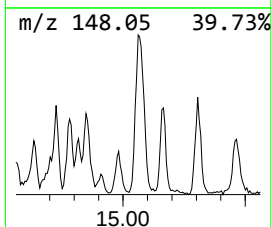
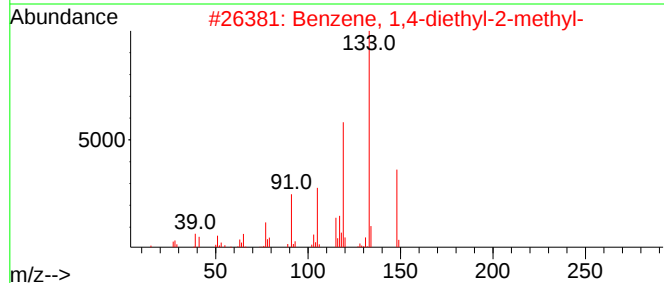
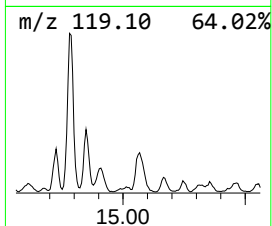
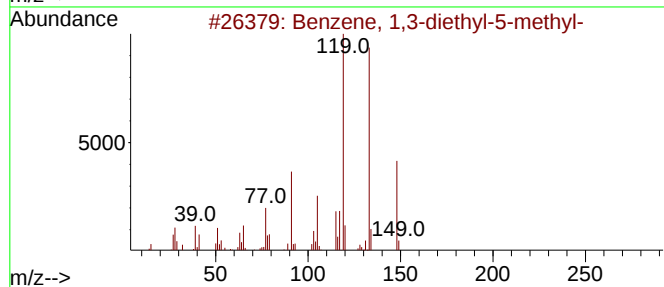
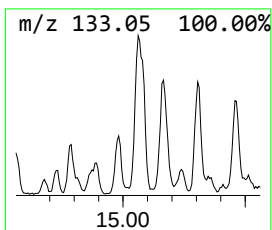
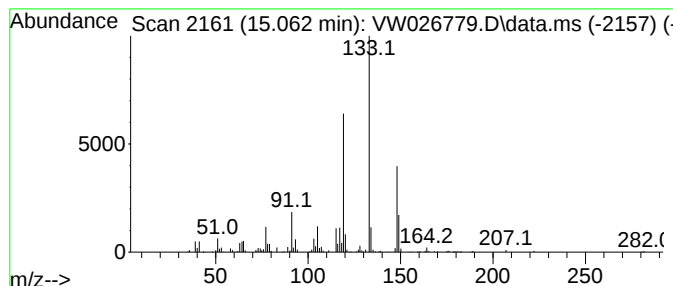
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.062	3.32 ug/L	295398	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-		148	C11H16	002050-24-0	94
2	Benzene, 1,4-diethyl-2-methyl-		148	C11H16	013632-94-5	91
3	Benzene, 1,3-diethyl-5-methyl-		148	C11H16	002050-24-0	91
4	Benzene, 2,4-diethyl-1-methyl-		148	C11H16	001758-85-6	87
5	Benzene, 1-ethyl-4-(1-methylethyl)-		148	C11H16	004218-48-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

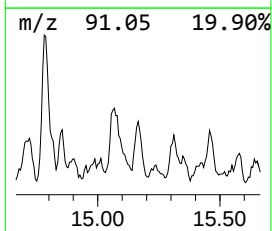
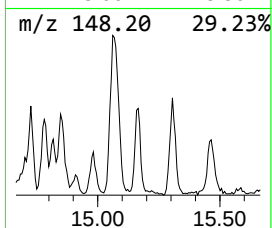
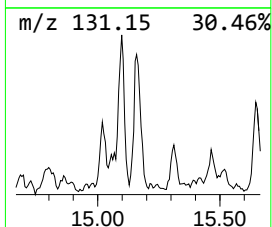
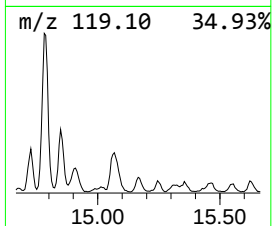
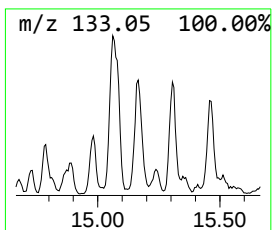
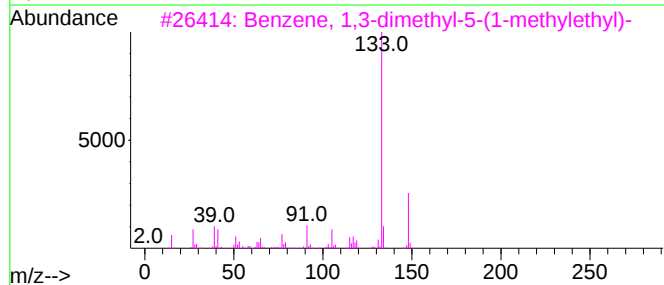
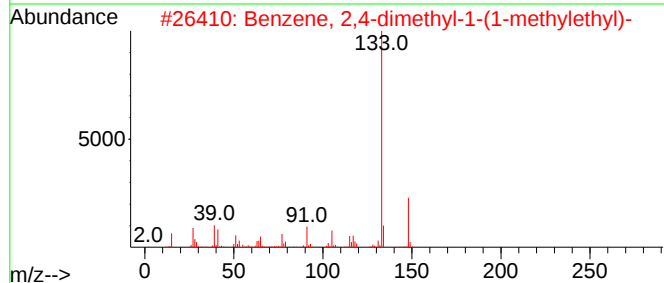
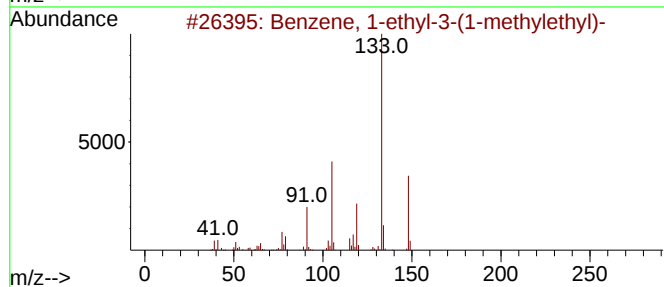
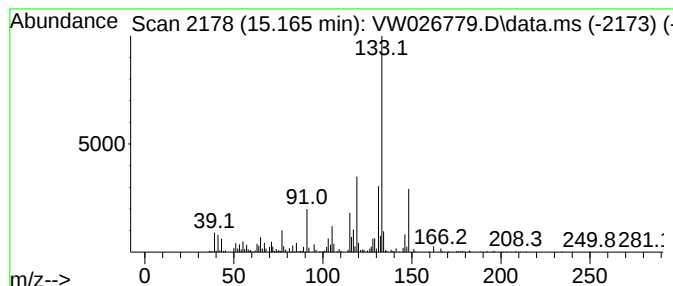
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	2.55 ug/L	226660	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
2			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	58
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
4			1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	58
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

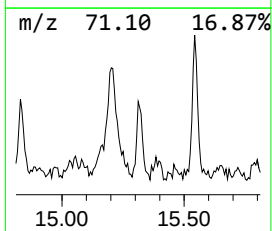
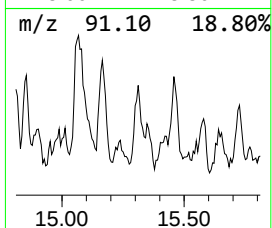
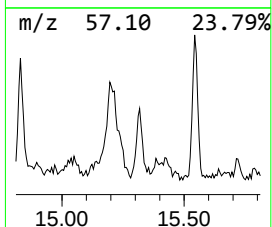
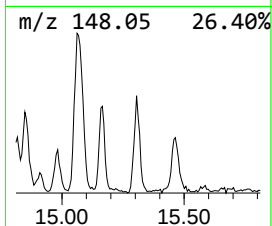
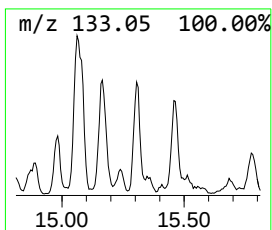
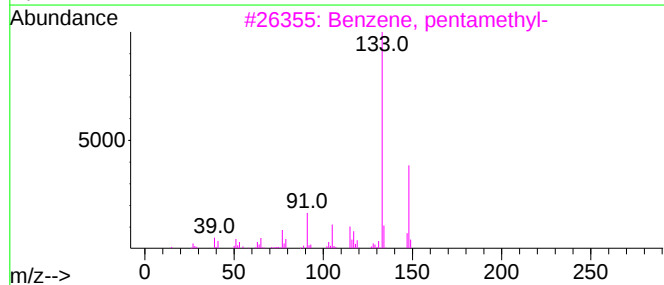
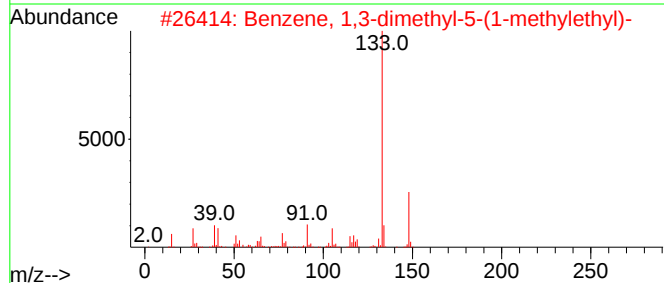
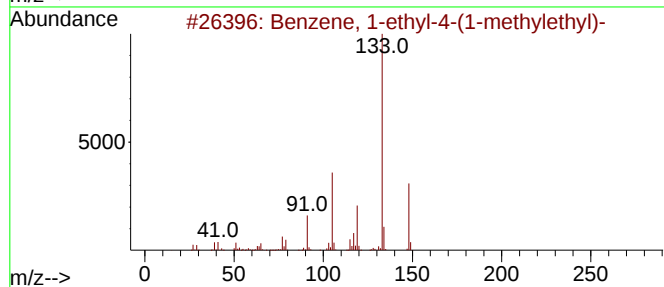
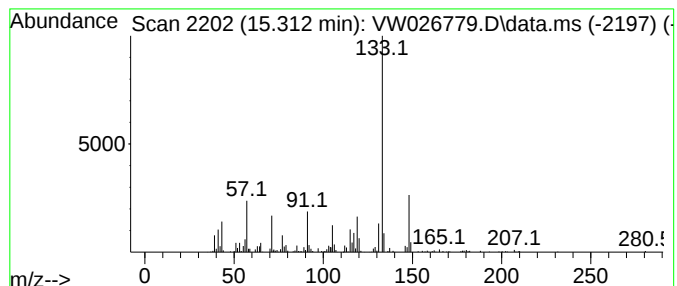
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-ethyl-4-(1-methyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	1.40 ug/L	124835	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
2			Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	87
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	83
5			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

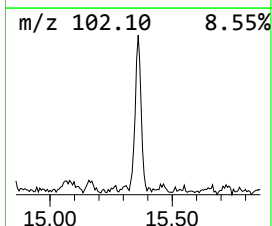
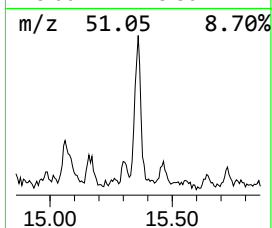
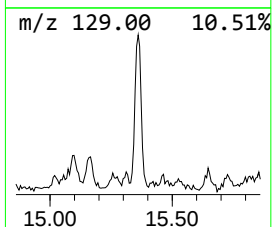
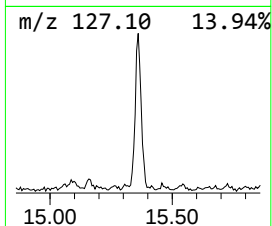
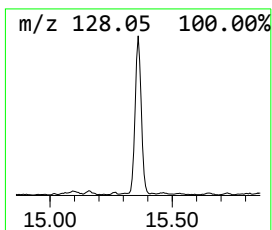
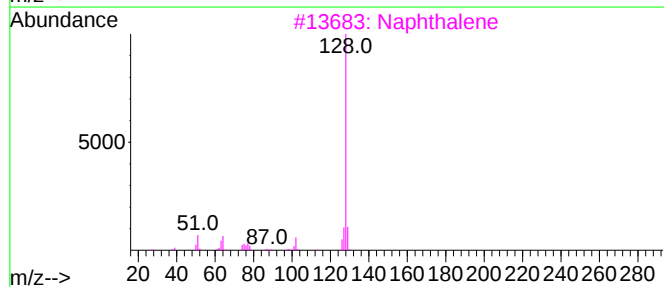
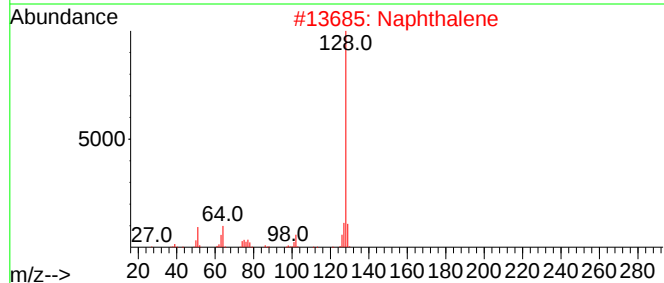
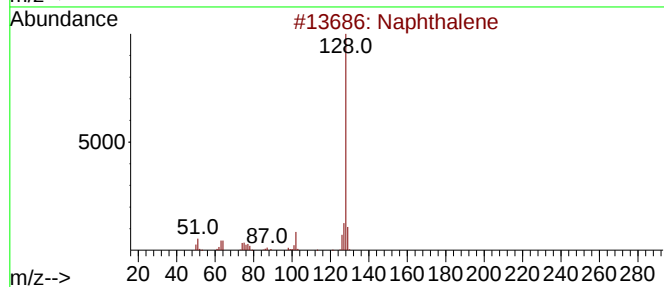
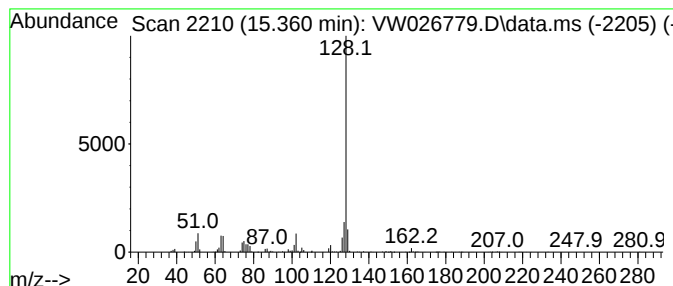
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Quant Title : SFAM01.0

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

Peak Number 13 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	2.64 ug/L	234954	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			Naphthalene	128	C10H8	000091-20-3	95
4			Azulene	128	C10H8	000275-51-4	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

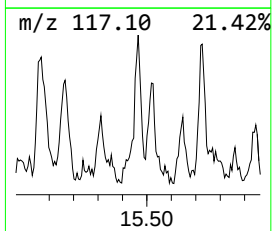
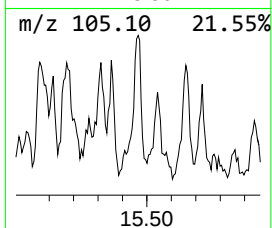
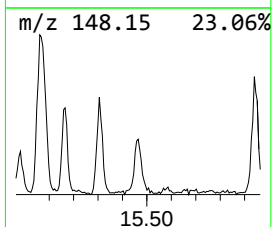
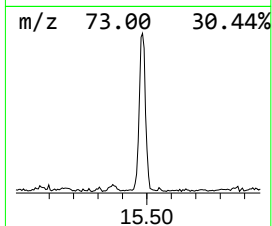
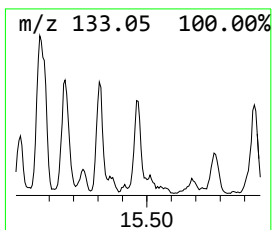
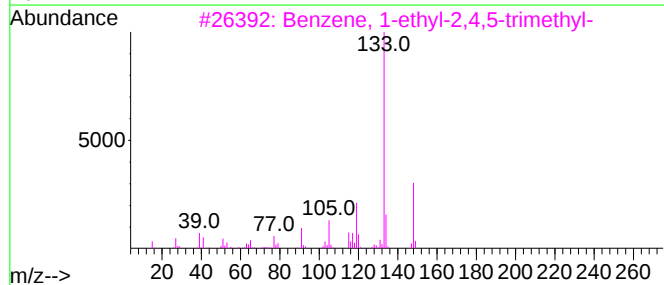
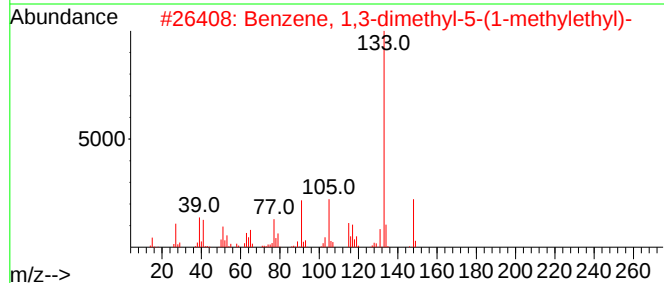
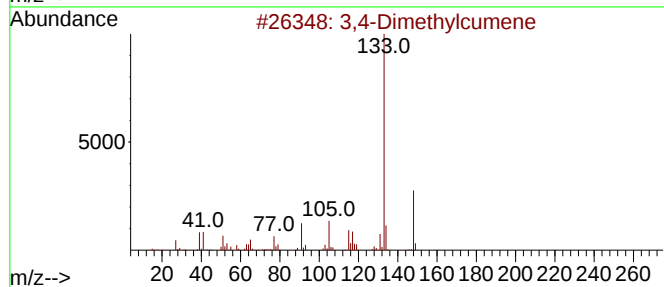
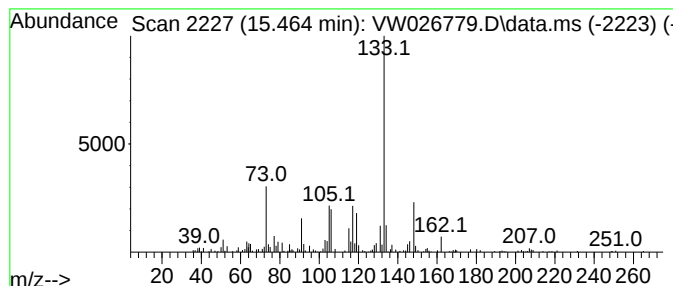
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MSVOA_W
ClientSampleId :
EZYJ8RE

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Quant Title : SFAM01.0

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

Peak Number 14 3,4-Dimethylcumene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.464	1.70 ug/L	151519	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	70
2	Benzene, 1,3-dimethyl-5-(1-methyl-2-propenyl)-	148	C11H16	004706-90-5	70
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	58
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	53
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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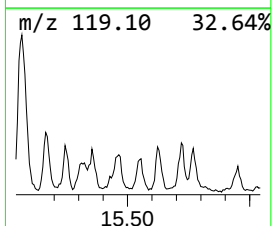
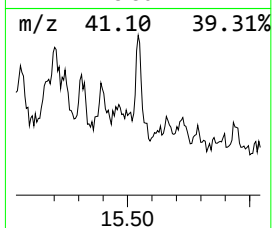
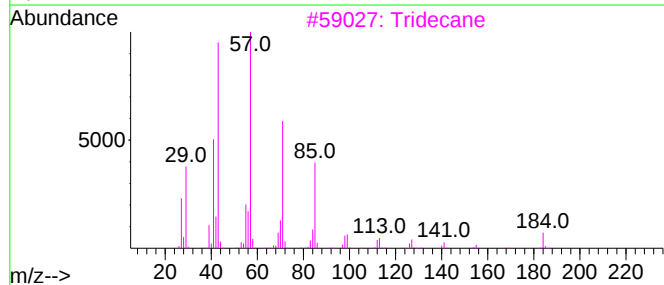
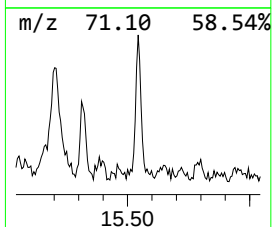
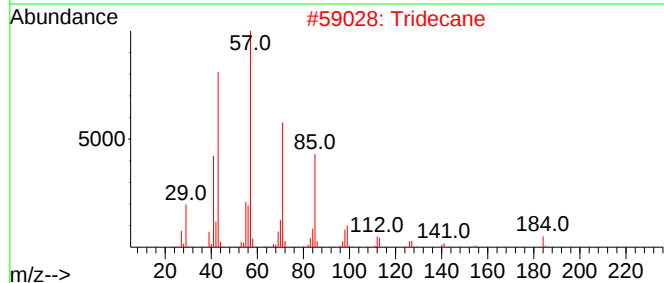
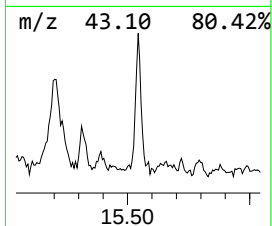
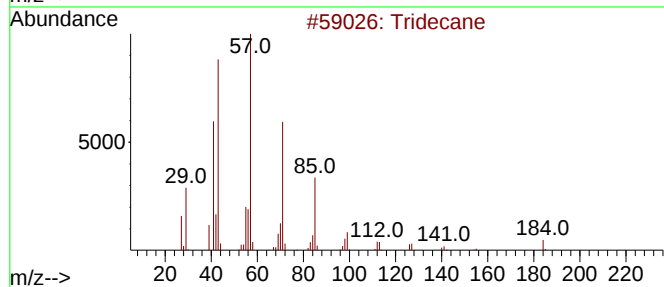
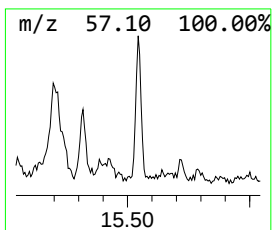
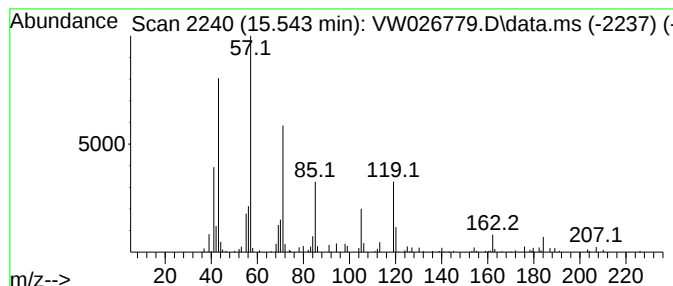
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	1.42 ug/L	125768	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	70
2		Tridecane	184	C13H28	000629-50-5	64
3		Tridecane	184	C13H28	000629-50-5	55
4		Hexadecane	226	C16H34	000544-76-3	55
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

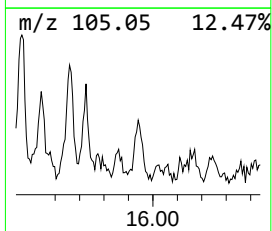
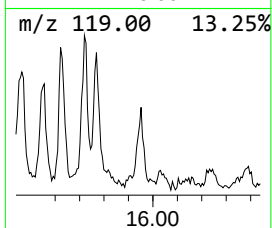
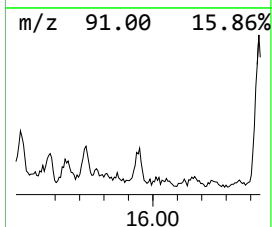
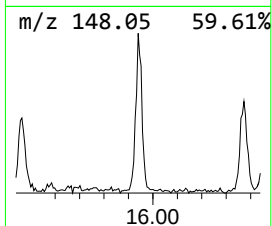
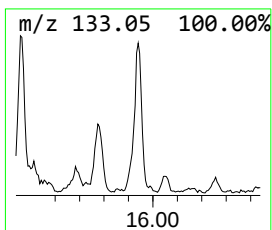
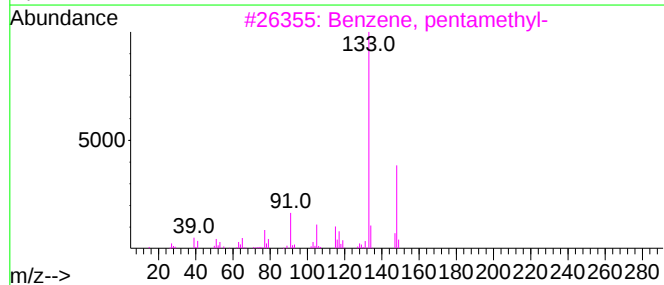
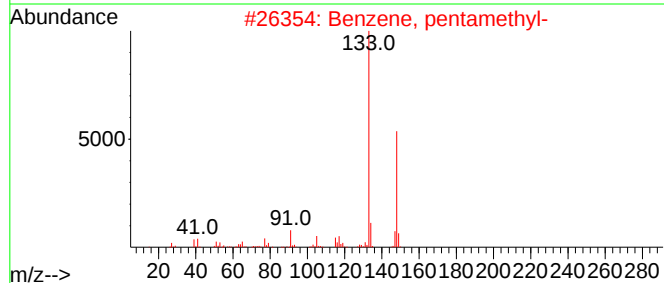
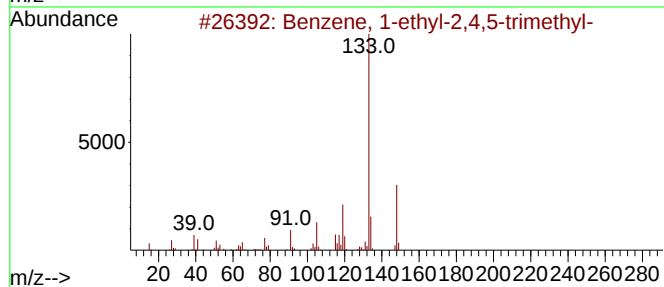
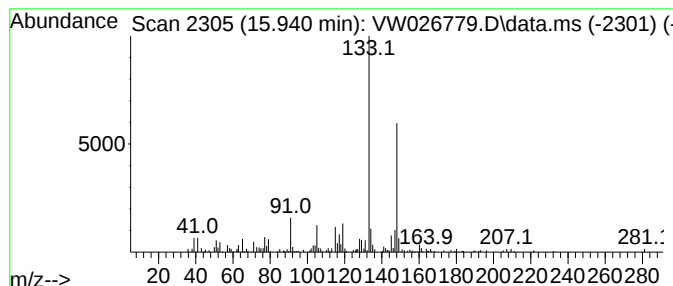
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.940	1.36 ug/L	120813	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
5			Phenol, 2-methyl-6-(2-propenyl)-	148	C10H12O	003354-58-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

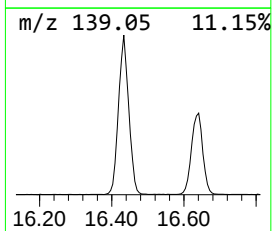
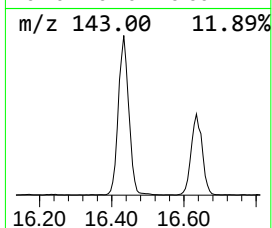
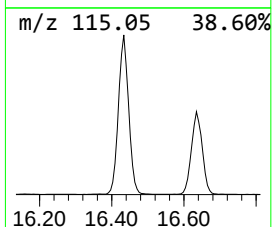
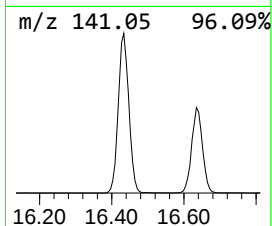
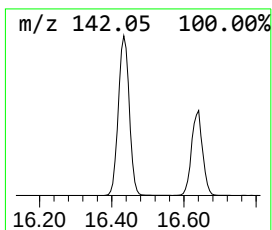
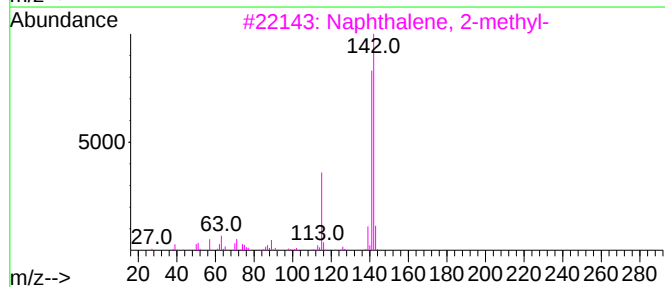
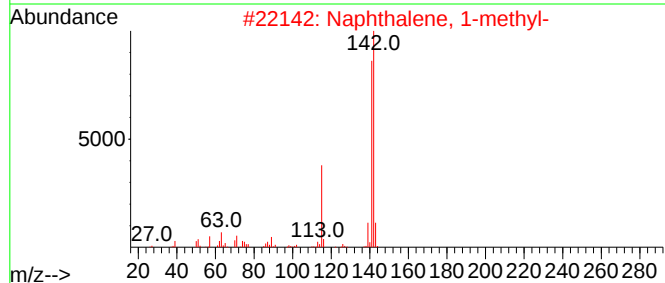
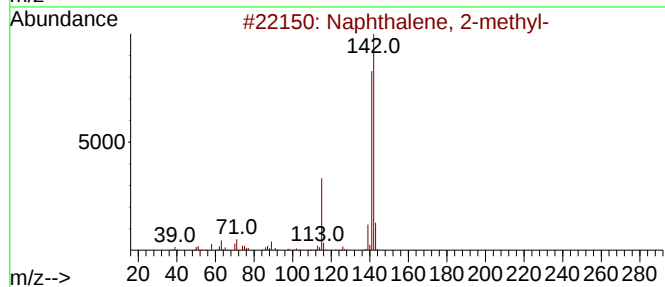
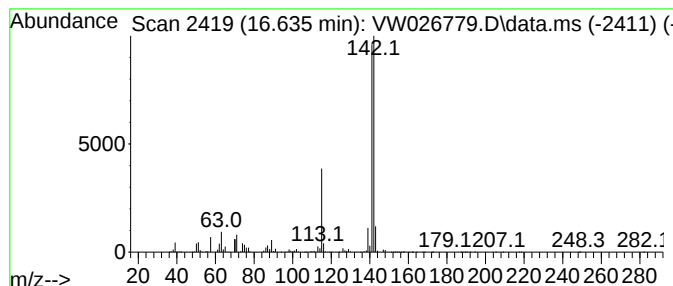
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Quant Title : SFAM01.0

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

Peak Number 18 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.635	38.48 ug/L	3419590	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026779.D
Acq On : 18 Aug 2023 18:58
Operator : SY/MD
Sample : 04037-03RE
Misc : 6.17g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYJ8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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
Naphthalene, de...	14.379	1.9	ug/L	167966	3	13.556	2221740	25.0
1,3-Cyclopentad...	14.415	1.5	ug/L	130410	3	13.556	2221740	25.0
Benzene, 1-meth...	14.452	1.9	ug/L	166380	3	13.556	2221740	25.0
unknown-01	14.537	2.3	ug/L	207187	3	13.556	2221740	25.0
(DEL) Alkane: S...	14.720	2.5	ug/L	226401	3	13.556	2221740	25.0
Benzene, 1,2,3,...	14.787	5.6	ug/L	499672	3	13.556	2221740	25.0
Benzene, (1,1-d...	14.848	1.4	ug/L	125081	3	13.556	2221740	25.0
Benzene, 1,3-di...	15.062	3.3	ug/L	295398	3	13.556	2221740	25.0
Benzene, 1-ethy...	15.165	2.5	ug/L	226660	3	13.556	2221740	25.0
Benzene, 1-ethy...	15.312	1.4	ug/L	124835	3	13.556	2221740	25.0
Azulene	15.360	2.6	ug/L	234954	3	13.556	2221740	25.0
3,4-Dimethylcumene	15.464	1.7	ug/L	151519	3	13.556	2221740	25.0
(DEL) Alkane: S...	15.543	1.4	ug/L	125768	3	13.556	2221740	25.0
Benzene, 1-ethy...	15.940	1.4	ug/L	120813	3	13.556	2221740	25.0
1,4-Methanonaph...	16.635	38.5	ug/L	3419590	3	13.556	2221740	25.0