

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021436.D
 Acq On : 17 Dec 2021 17:19
 Operator : SY/VA
 Sample : M5121-11
 Misc : 6.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL58

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\SFAMWLM120921SMA.M
 Title : SFAM01.0

Signal : TIC: VW021436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	38	41	43	rBV2	409	370	0.02%	0.004%
2	2.343	65	72	83	rVB	44591	76496	4.37%	0.848%
3	2.489	91	96	104	rBV	7322	13359	0.76%	0.148%
4	2.629	114	119	122	rBV3	824	1482	0.08%	0.016%
5	2.806	143	148	152	rBV3	497	1039	0.06%	0.012%
6	2.873	152	159	173	rVB	22408	50530	2.88%	0.560%
7	3.001	177	180	181	rBV2	651	677	0.04%	0.008%
8	3.373	236	241	248	rVB2	720	1375	0.08%	0.015%
9	3.684	286	292	293	rVV2	681	1084	0.06%	0.012%
10	3.721	297	298	306	rVB	591	695	0.04%	0.008%
11	4.013	336	346	358	rBV	49218	150505	8.59%	1.669%
12	4.123	358	364	376	rVB	5415	14149	0.81%	0.157%
13	4.379	396	406	418	rBB	2354	7439	0.42%	0.082%
14	4.903	483	492	508	rVB4	3698	13830	0.79%	0.153%
15	5.178	534	537	541	rBB2	187	266	0.02%	0.003%
16	5.421	572	577	580	rBV2	582	1237	0.07%	0.014%
17	5.787	628	637	645	rBV4	1908	6297	0.36%	0.070%
18	5.940	654	662	672	rBB5	1352	3603	0.21%	0.040%
19	6.123	686	692	695	rBV3	318	696	0.04%	0.008%
20	6.275	714	717	721	rBB3	130	195	0.01%	0.002%
21	6.318	721	724	730	rBV	139	263	0.02%	0.003%
22	6.568	761	765	769	rBB	136	174	0.01%	0.002%
23	6.897	810	819	828	rBV4	2527	8207	0.47%	0.091%
24	6.970	828	831	833	rBV2	248	267	0.02%	0.003%
25	7.074	839	848	859	rBV2	12949	37244	2.13%	0.413%
26	7.263	878	879	882	rVB	335	295	0.02%	0.003%
27	7.397	898	901	905	rVB2	139	245	0.01%	0.003%
28	7.647	931	942	956	rBB	74112	180696	10.32%	2.003%
29	7.915	980	986	993	rBV3	1097	2515	0.14%	0.028%
30	8.025	999	1004	1012	rBB2	1242	2399	0.14%	0.027%
31	8.153	1020	1025	1030	rBV2	1585	3099	0.18%	0.034%
32	8.275	1032	1045	1061	rBV2	143565	438099	25.01%	4.857%
33	8.476	1074	1078	1086	rVB5	1139	2987	0.17%	0.033%
34	8.555	1088	1091	1092	rBV2	313	286	0.02%	0.003%
35	8.689	1109	1113	1123	rVB4	1340	3065	0.17%	0.034%
36	8.842	1129	1138	1150	rBV	155129	311141	17.76%	3.449%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
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37	9.067	1167	1175	1183	rBV3	2626	5861	0.33%	0.065%
38	9.146	1186	1188	1193	rVB	134	207	0.01%	0.002%
39	9.274	1200	1209	1223	rBV	96122	202588	11.57%	2.246%
40	9.409	1223	1231	1238	rVB5	2167	5555	0.32%	0.062%
41	9.463	1238	1240	1242	rVB	271	196	0.01%	0.002%
42	9.591	1259	1261	1262	rBV	237	208	0.01%	0.002%
43	9.610	1262	1264	1267	rVB3	412	476	0.03%	0.005%
44	9.658	1269	1272	1277	rVB3	644	1084	0.06%	0.012%
45	9.756	1282	1288	1294	rBB4	1958	4152	0.24%	0.046%
46	9.841	1301	1302	1304	rBV	191	196	0.01%	0.002%
47	9.890	1304	1310	1316	rVB2	3176	6064	0.35%	0.067%
48	9.957	1316	1321	1324	rBV2	1250	2347	0.13%	0.026%
49	10.030	1327	1333	1340	rBV	50136	89219	5.09%	0.989%
50	10.097	1340	1344	1354	rVB3	2331	5558	0.32%	0.062%
51	10.207	1356	1362	1367	rBV	4371	8955	0.51%	0.099%
52	10.323	1373	1381	1388	rBV	206653	375058	21.41%	4.158%
53	10.500	1403	1410	1416	rVB6	2215	5395	0.31%	0.060%
54	10.573	1416	1422	1433	rBV	32813	58872	3.36%	0.653%
55	10.664	1433	1437	1440	rBV4	2529	4177	0.24%	0.046%
56	10.756	1446	1452	1458	rVB6	2652	4812	0.27%	0.053%
57	10.805	1458	1460	1461	rBV3	535	361	0.02%	0.004%
58	10.847	1461	1467	1472	rVB8	3197	7336	0.42%	0.081%
59	10.920	1472	1479	1486	rBV	56690	103311	5.90%	1.145%
60	11.067	1500	1503	1507	rBV4	5958	7273	0.42%	0.081%
61	11.177	1518	1521	1525	rVB3	5108	7864	0.45%	0.087%
62	11.225	1526	1529	1533	rBV2	5034	6272	0.36%	0.070%
63	11.335	1544	1547	1550	rBV3	4225	5435	0.31%	0.060%
64	11.512	1571	1576	1585	rVB4	9513	20059	1.15%	0.222%
65	11.628	1588	1595	1603	rBV	221326	382422	21.83%	4.240%
66	11.731	1607	1612	1615	rBV	11045	18535	1.06%	0.205%
67	11.823	1621	1627	1630	rBV4	12075	27483	1.57%	0.305%
68	11.872	1631	1635	1639	rVV	28320	51259	2.93%	0.568%
69	11.914	1639	1642	1647	rVB2	14379	22622	1.29%	0.251%
70	11.981	1648	1653	1654	rBV4	2059	3328	0.19%	0.037%
71	12.054	1659	1665	1671	rVB3	10040	21091	1.20%	0.234%
72	12.134	1671	1678	1690	rVB6	45366	139669	7.97%	1.548%
73	12.249	1693	1697	1701	rVB	33844	50192	2.87%	0.556%
74	12.335	1701	1711	1715	rBV6	38943	122589	7.00%	1.359%
75	12.463	1728	1732	1736	rBV2	19678	36831	2.10%	0.408%
76	12.591	1750	1753	1754	rBV	7979	8918	0.51%	0.099%

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77	12.695	1763	1770	1775	rBV	105981	204091	11.65%	2.263%
78	12.780	1781	1784	1790	rVB3	40660	68764	3.93%	0.762%
79	12.865	1791	1798	1801	rBV4	61463	133127	7.60%	1.476%
80	12.938	1805	1810	1815	rVV	163208	310708	17.74%	3.445%
81	12.987	1816	1818	1824	rVB4	41910	58574	3.34%	0.649%
82	13.079	1829	1833	1836	rBV2	43344	76285	4.35%	0.846%
83	13.164	1843	1847	1854	rVB2	93821	152201	8.69%	1.687%
84	13.249	1856	1861	1865	rBV	171779	263425	15.04%	2.920%
85	13.292	1865	1868	1871	rVV2	41702	56708	3.24%	0.629%
86	13.408	1884	1887	1889	rBV	39674	54456	3.11%	0.604%
87	13.554	1906	1911	1915	rBV	189481	323711	18.48%	3.589%
88	13.853	1955	1960	1961	rBV	165018	227530	12.99%	2.522%
89	14.194	2011	2016	2021	rBV3	142327	259468	14.81%	2.877%
90	14.255	2022	2026	2033	rVV6	74806	160076	9.14%	1.775%
91	14.383	2043	2047	2049	rBV3	94043	144145	8.23%	1.598%
92	14.414	2049	2052	2056	rVV	144252	214033	12.22%	2.373%
93	14.450	2056	2058	2062	rVB	76525	93039	5.31%	1.031%
94	14.493	2062	2065	2069	rBV	52984	83460	4.76%	0.925%
95	14.639	2085	2089	2093	rVB	70628	97618	5.57%	1.082%
96	15.060	2155	2158	2164	rVB	49515	75641	4.32%	0.839%
97	15.359	2197	2207	2218	rBV	947526	1751666	100.00%	19.420%
98	15.645	2248	2254	2261	rBV6	36298	95792	5.47%	1.062%
99	16.432	2378	2383	2396	rVB3	126832	338312	19.31%	3.751%
100	16.639	2409	2417	2430	rVB	259969	617147	35.23%	6.842%

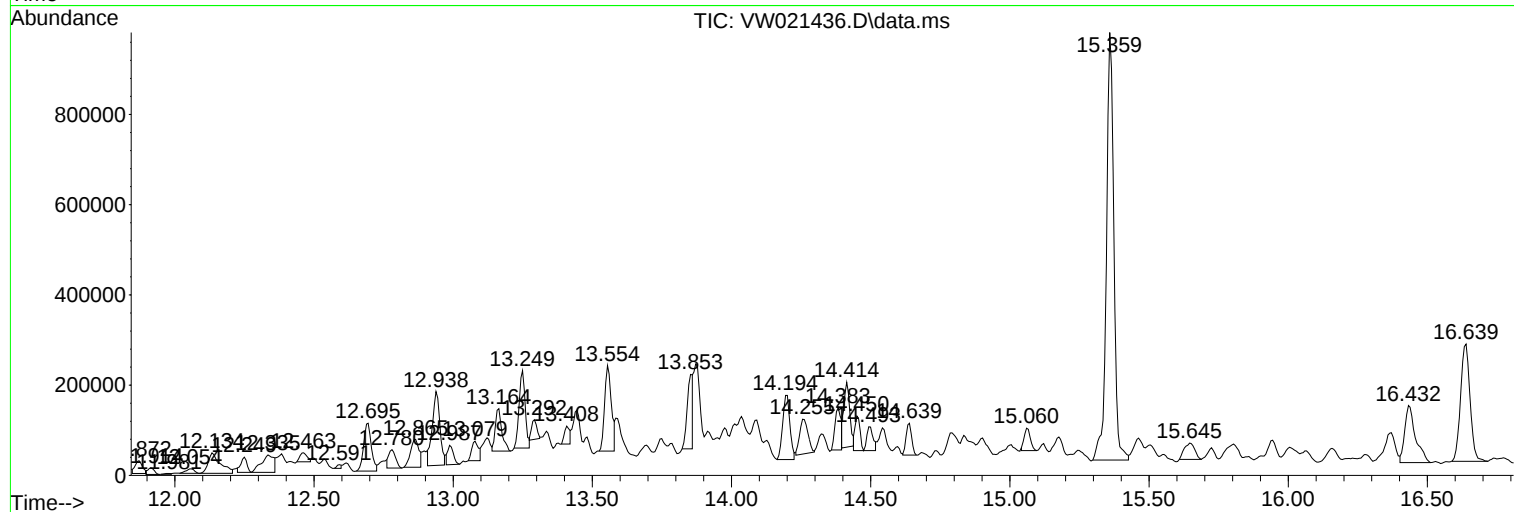
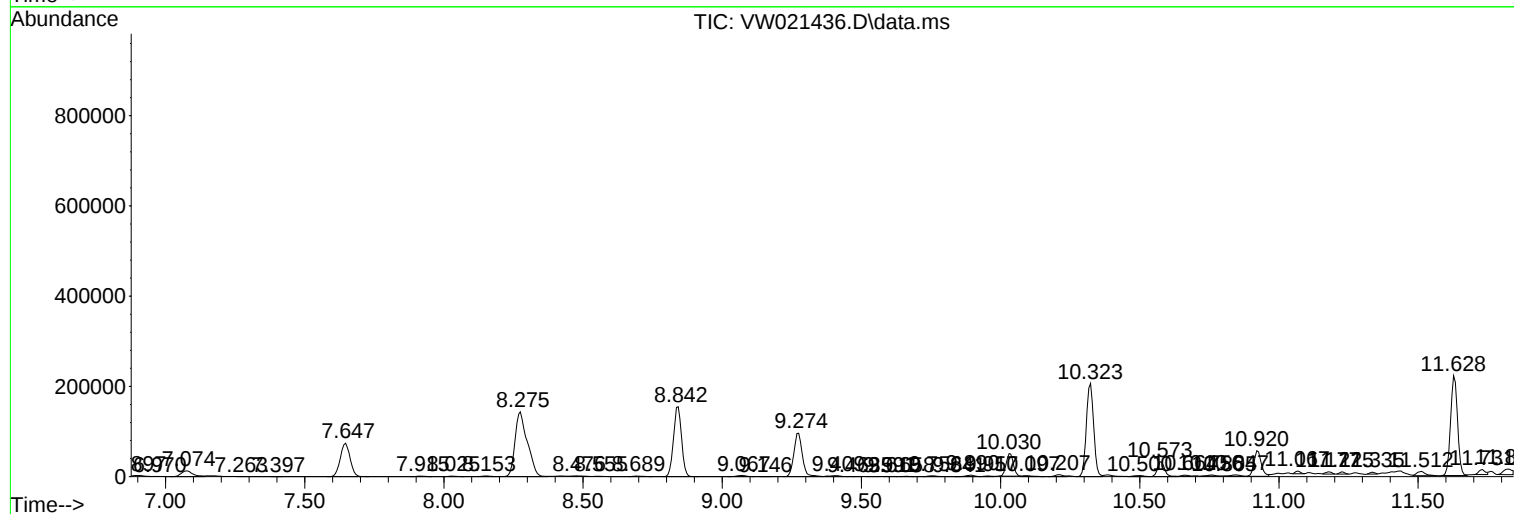
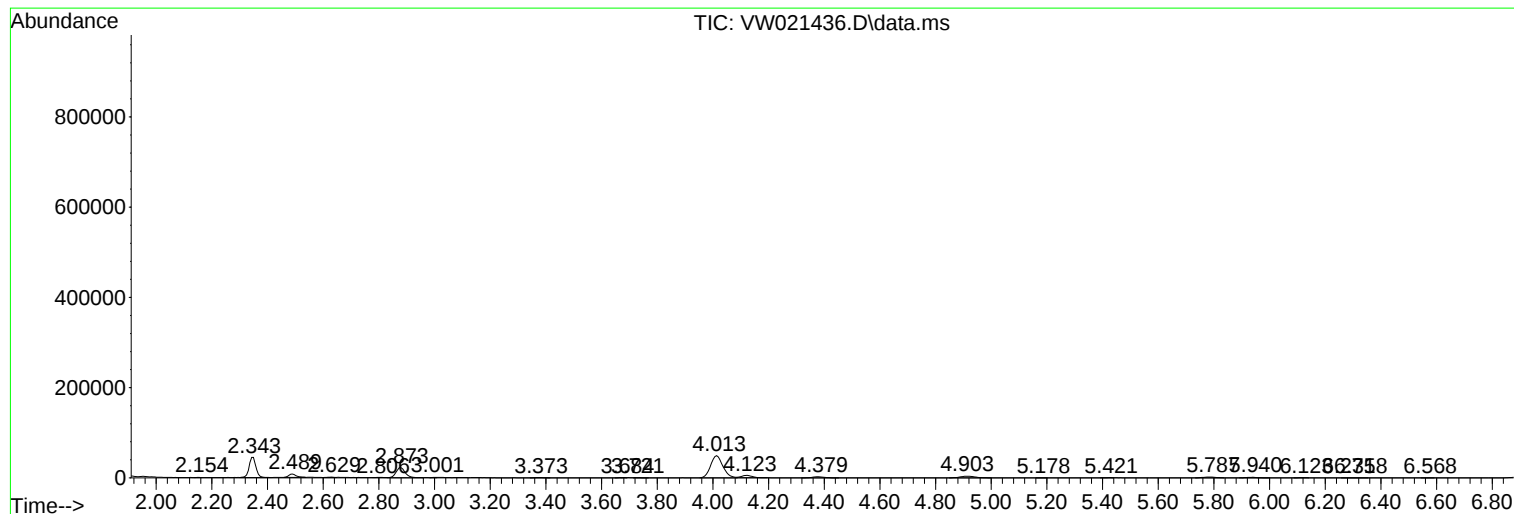
Sum of corrected areas: 9020113

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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



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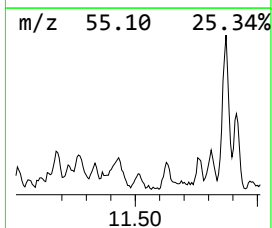
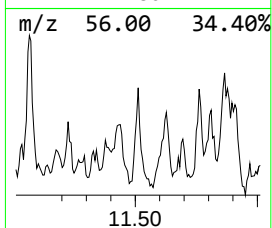
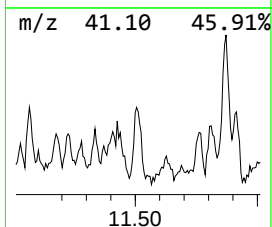
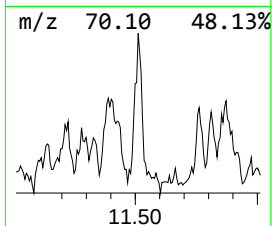
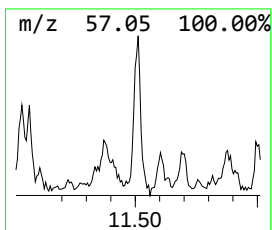
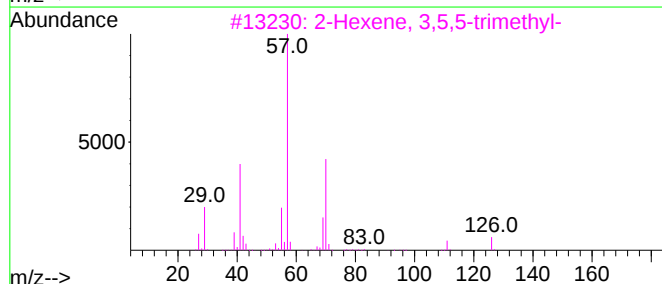
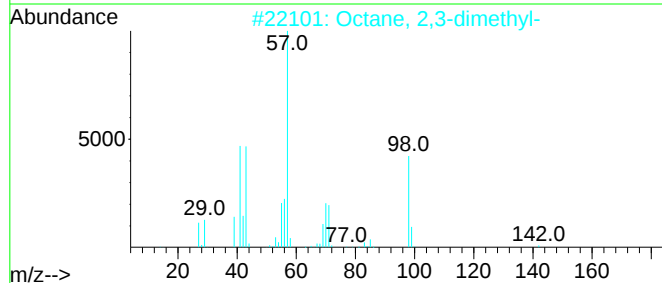
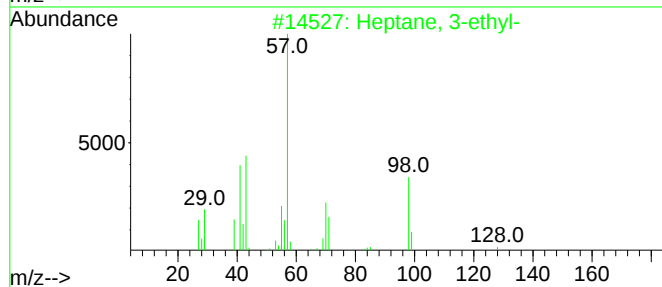
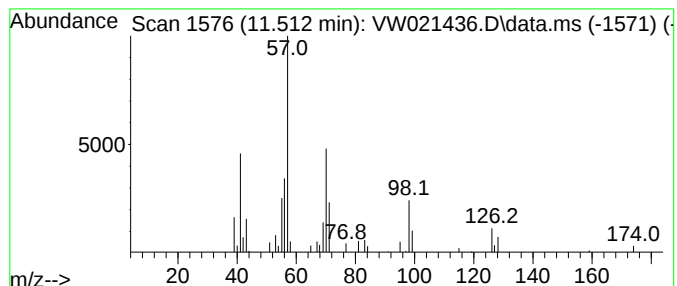
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	1.31 ug/L	20059	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
3			2-Hexene, 3,5,5-trimethyl-	126	C9H18	026456-76-8	43
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
5			2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	38



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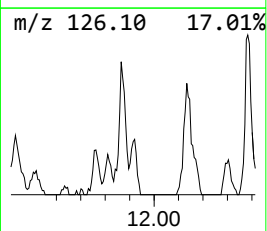
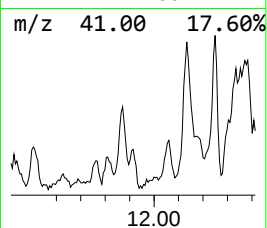
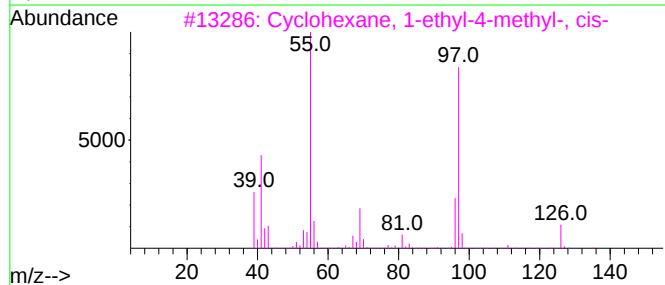
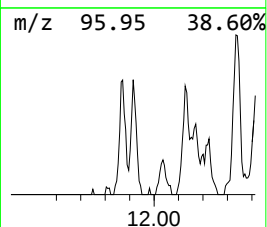
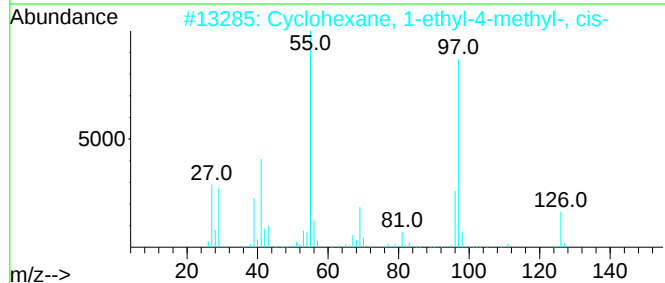
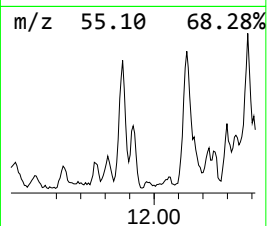
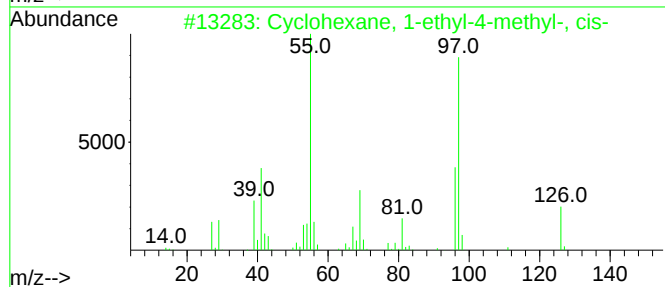
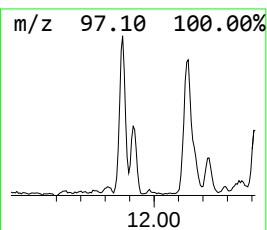
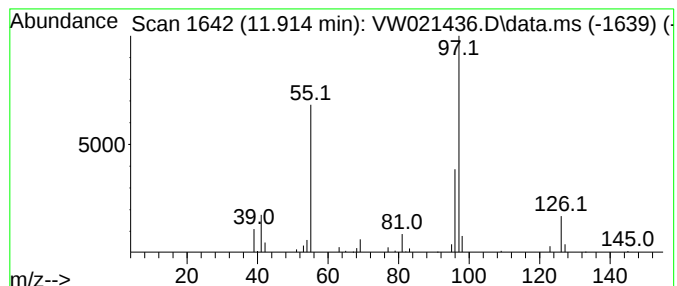
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.914 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	1.48 ug/L	22622	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64



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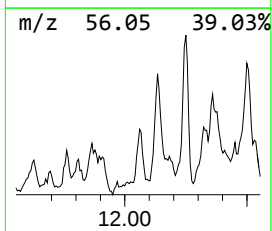
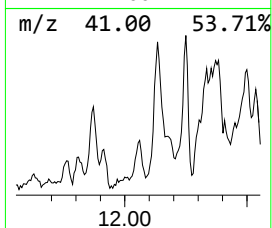
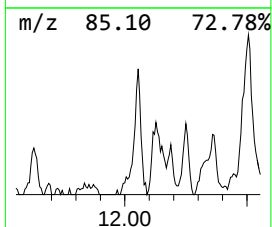
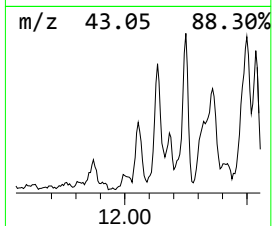
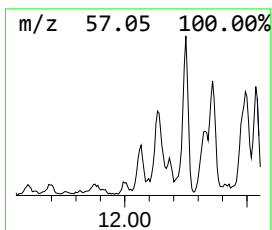
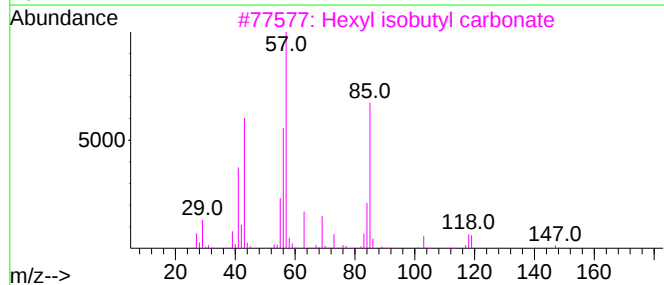
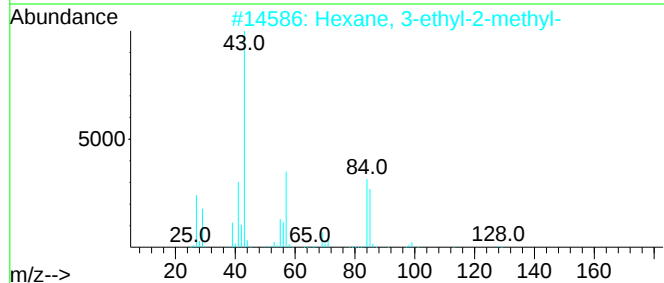
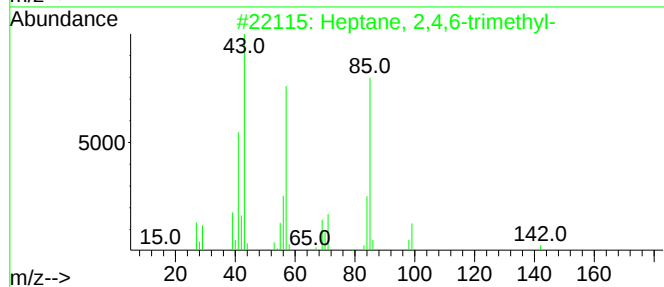
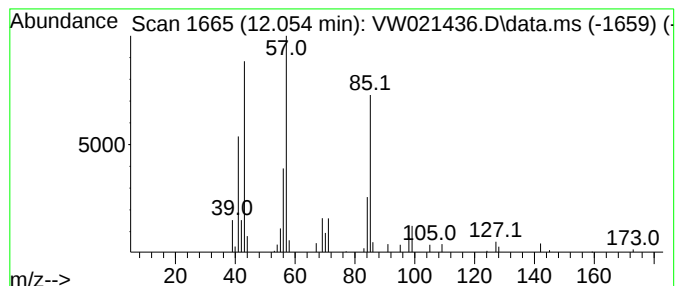
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MSVOA_W
ClientSampleId :
BGL58

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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.054	1.38 ug/L	21091	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-		142	C10H22	002613-61-8	94
2	Hexane, 3-ethyl-2-methyl-		128	C9H20	016789-46-1	58
3	Hexyl isobutyl carbonate		202	C11H22O3	959067-98-2	53
4	Pentane, 2,2-dimethyl-		100	C7H16	000590-35-2	50
5	Oxalic acid, isobutyl nonyl ester		272	C15H28O4	1010309-37-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

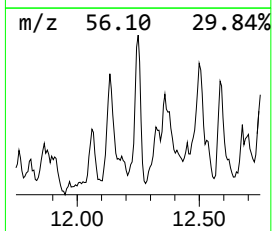
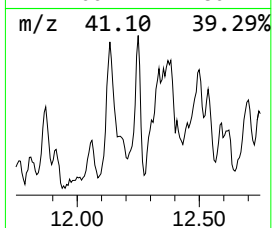
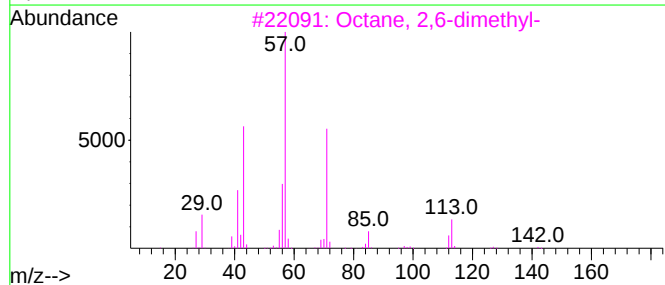
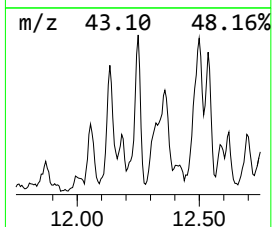
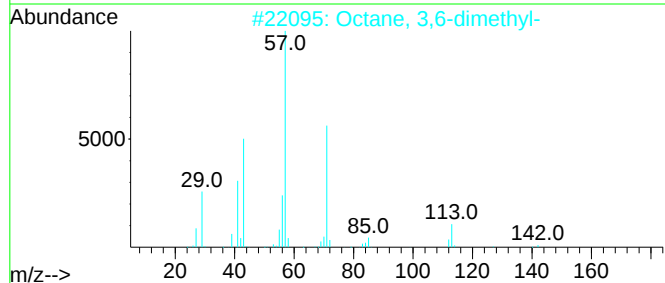
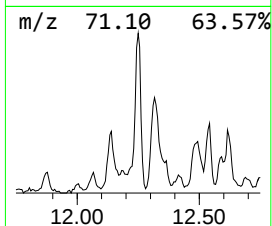
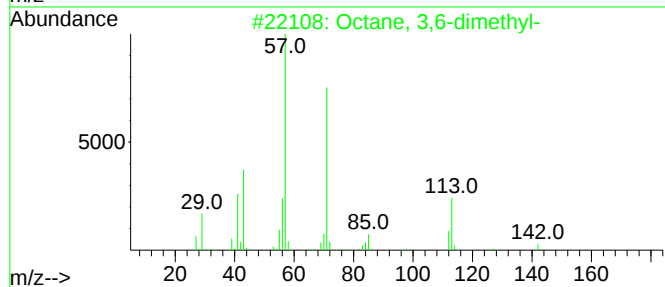
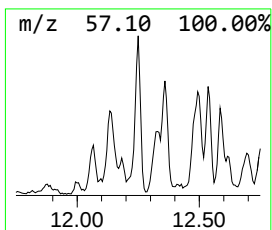
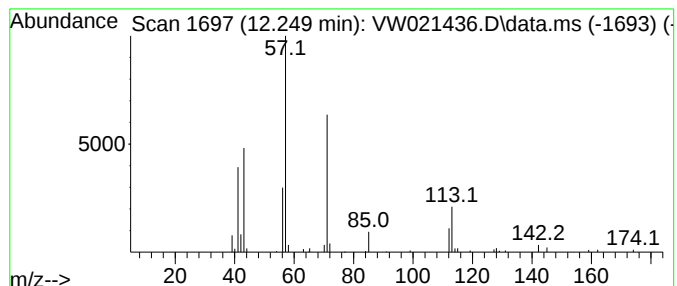
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.249	3.28 ug/L	50192	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
2	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	90
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	74
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	72
5	Sulfurous acid, 2-ethylhexyl hex...		418	C24H50O3S	1000309-19-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL58

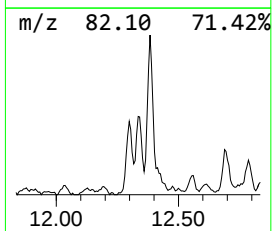
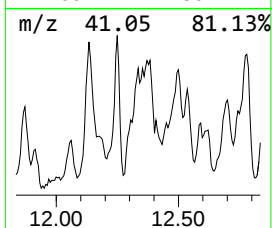
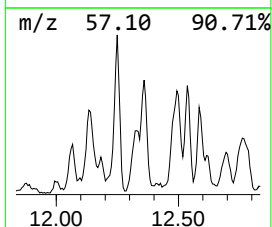
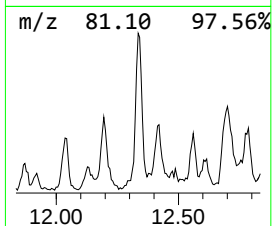
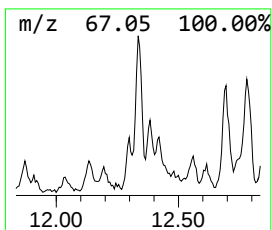
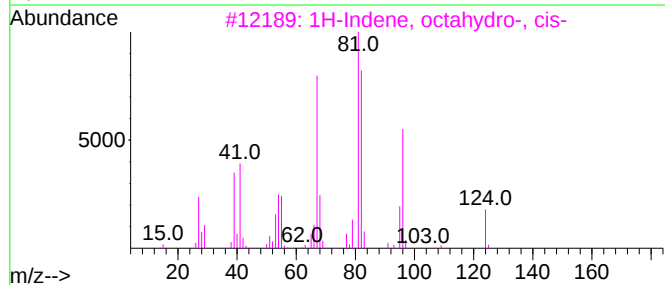
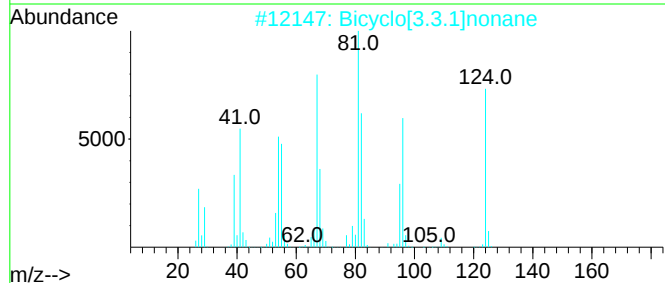
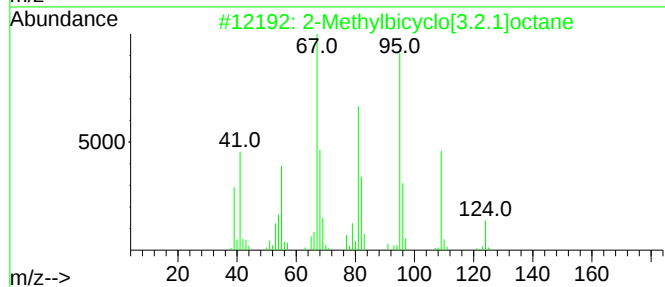
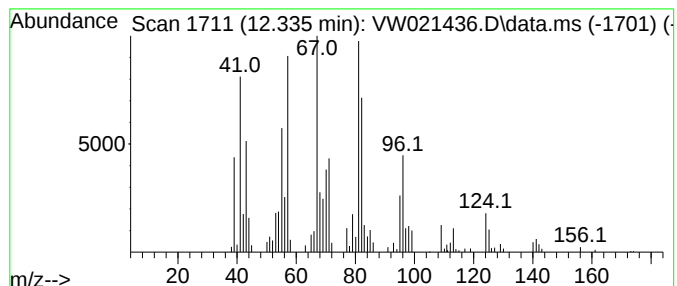
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Quant Title : SFAM01.0

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

Peak Number 6 2-Methylbicyclo[3.2.1]octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	8.01 ug/L	122589	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	60
2			Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	53
3			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53
4			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	52
5			7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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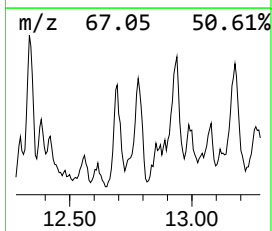
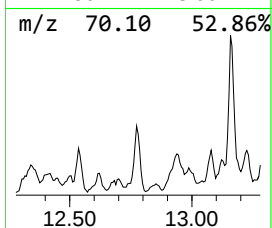
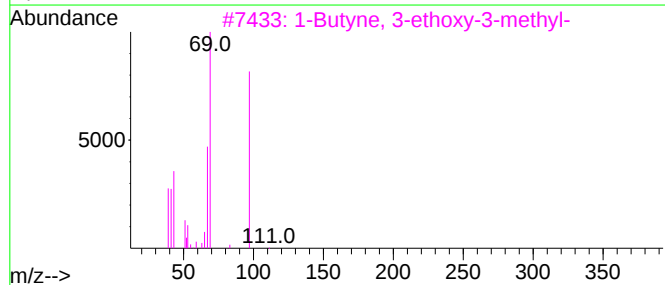
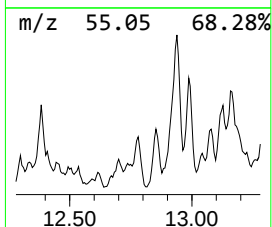
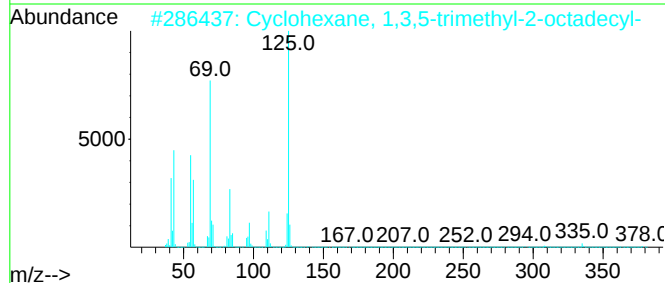
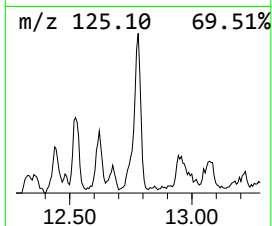
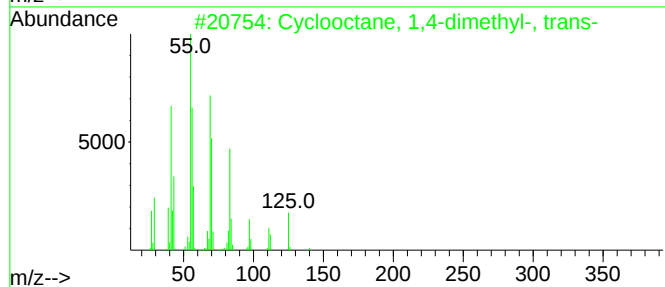
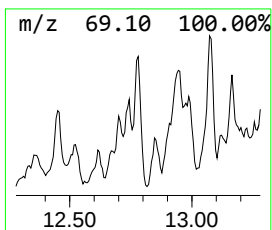
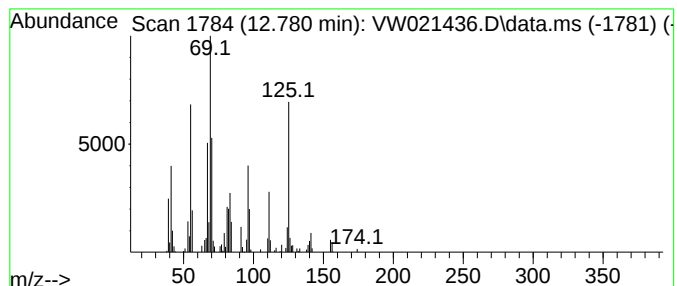
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.780 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	5.31 ug/L	68764	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	47
2			Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	35
3			1-Butyne, 3-ethoxy-3-methyl-	112	C7H12O	007740-69-4	35
4			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
5			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL58

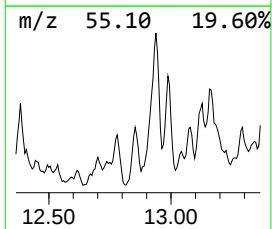
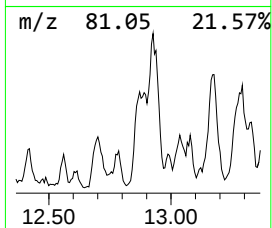
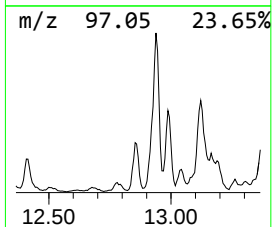
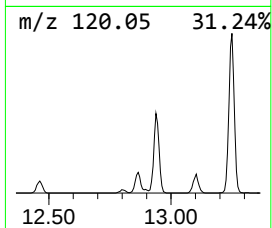
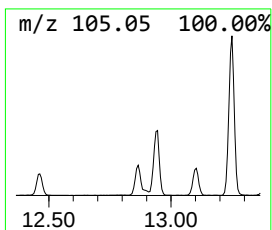
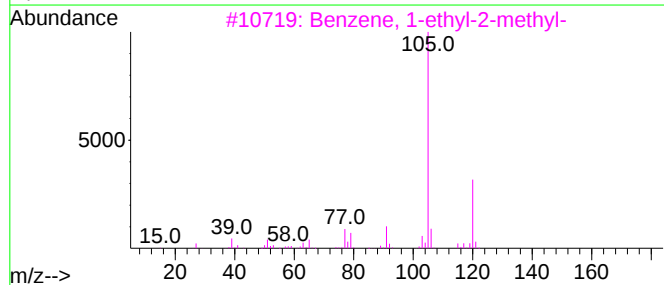
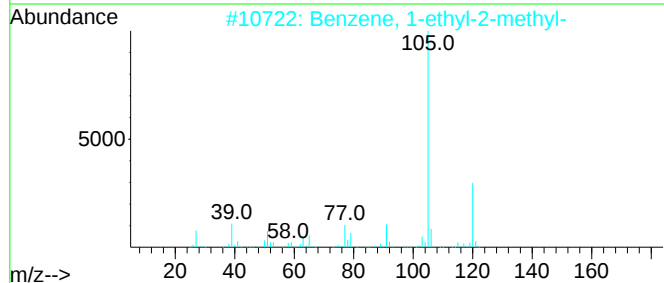
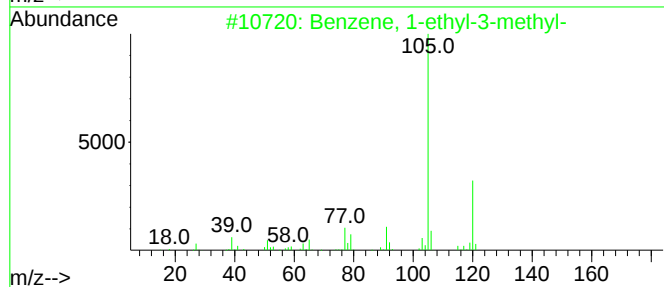
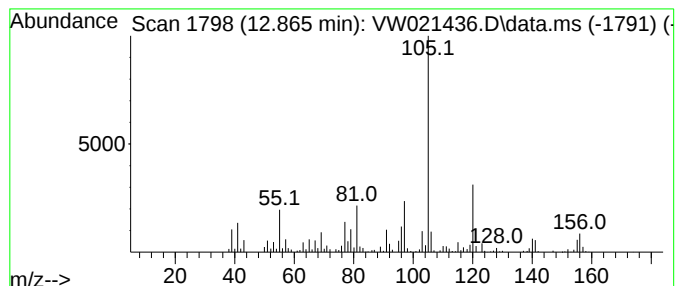
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	10.28 ug/L	133127	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
5			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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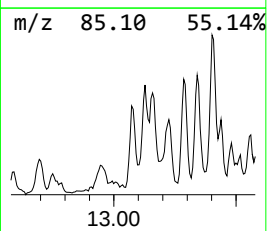
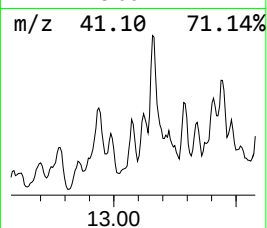
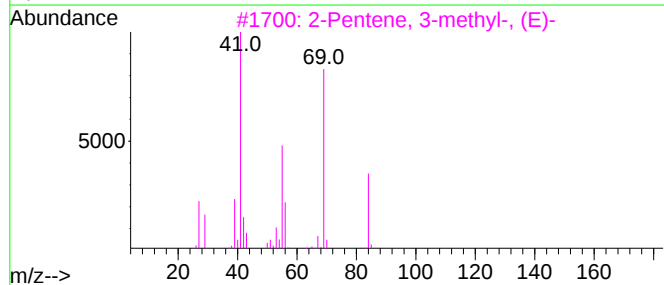
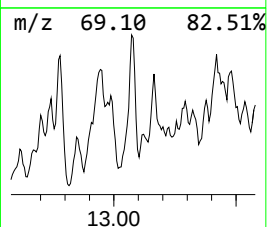
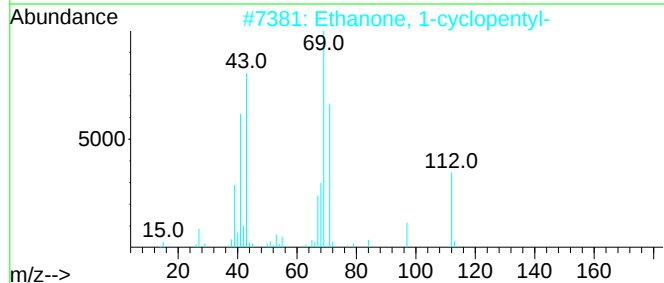
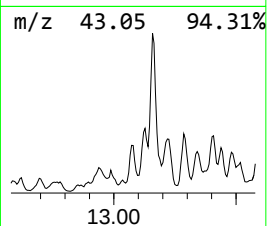
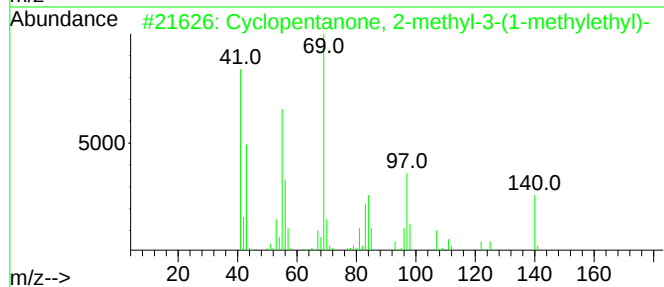
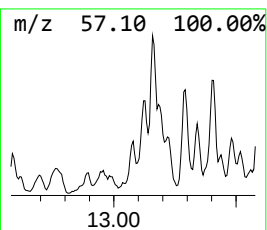
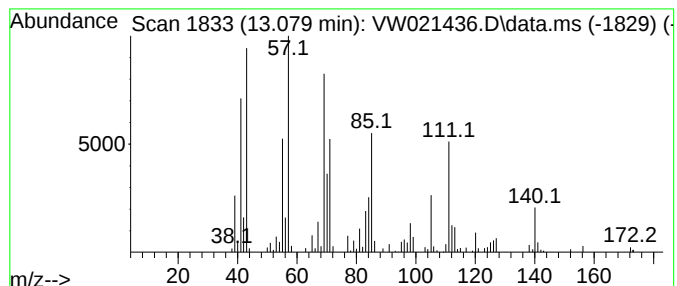
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	5.89 ug/L	76285	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	38
2			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	38
3			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25
4			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	25
5			2-Pentene, 2-methyl-	84	C6H12	000625-27-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL58

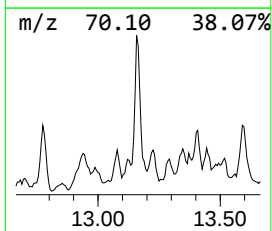
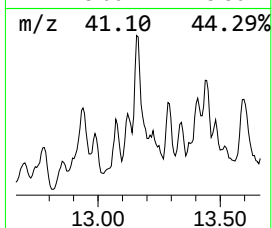
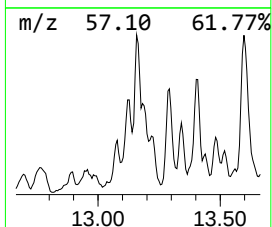
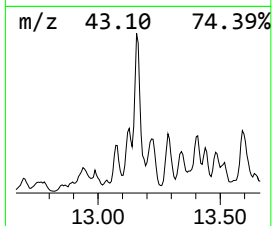
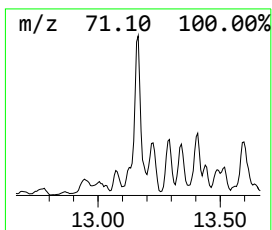
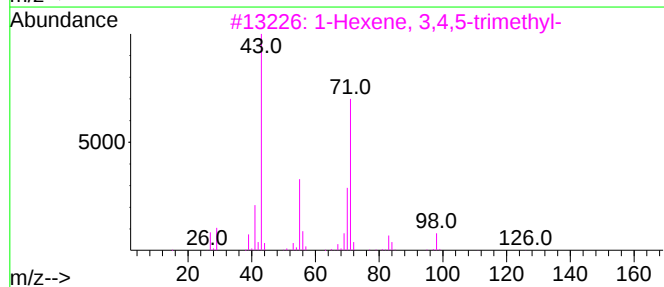
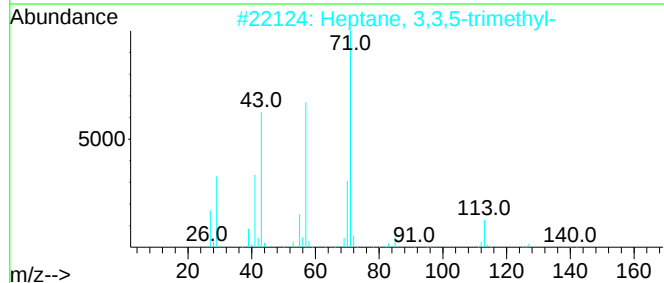
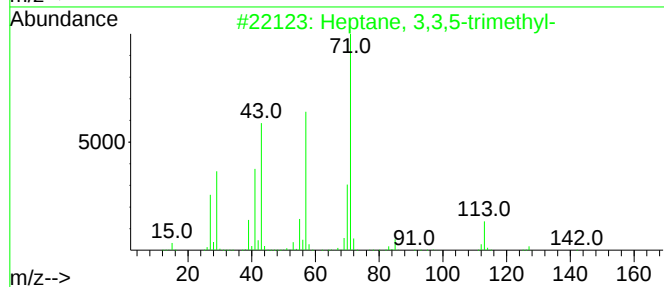
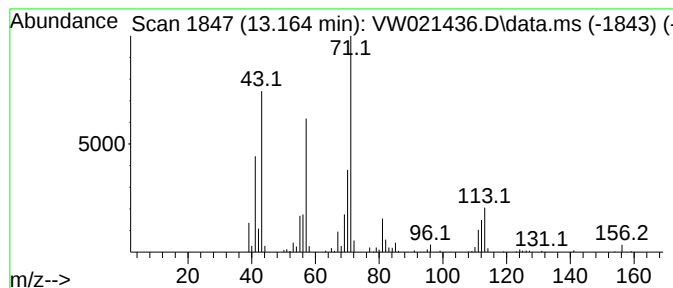
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	11.75 ug/L	152201	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
3			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	47
4			Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	47
5			Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
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Sample : M5121-11
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ALS Vial : 1 Sample Multiplier: 1

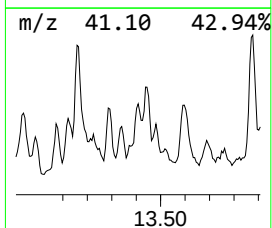
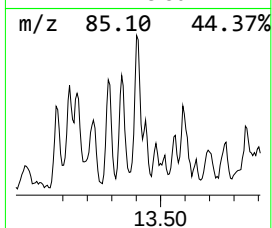
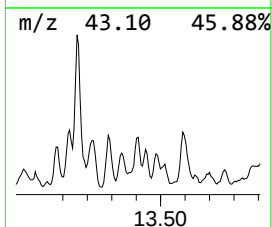
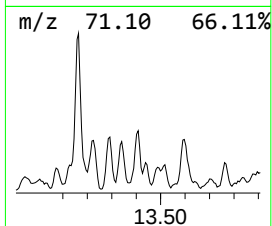
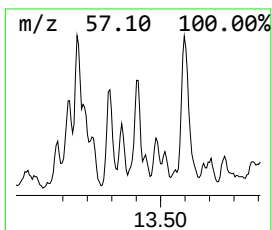
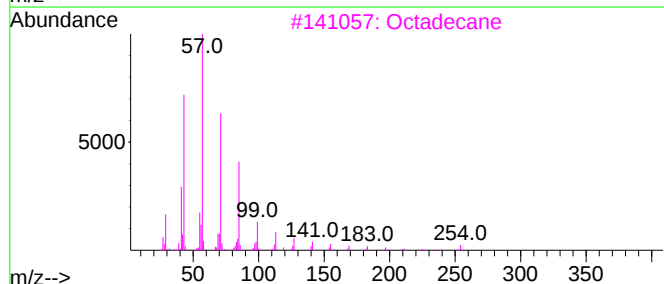
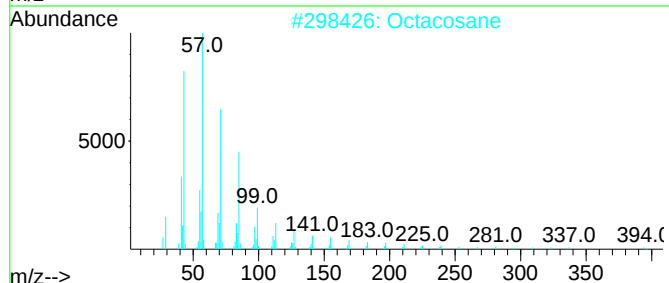
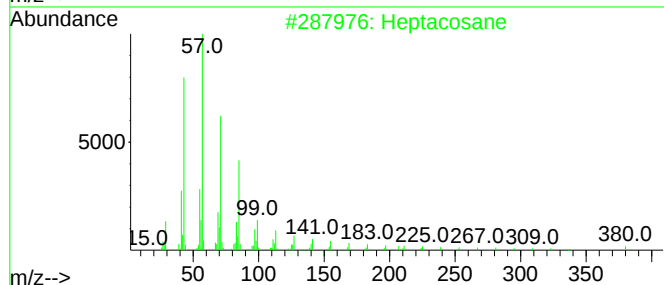
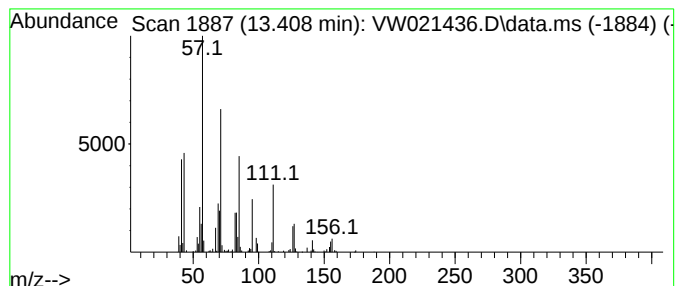
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.408	4.21 ug/L	54456	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	50
2	Octacosane		394	C28H58	000630-02-4	50
3	Octadecane		254	C18H38	000593-45-3	47
4	Heptadecane		240	C17H36	000629-78-7	47
5	Hexacosane		366	C26H54	000630-01-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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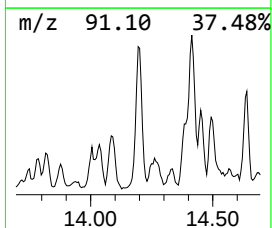
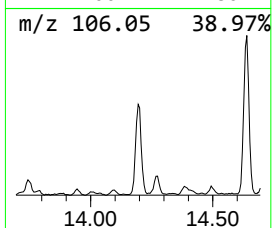
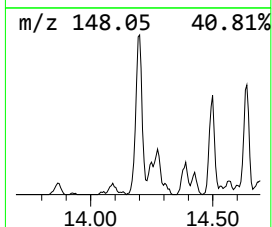
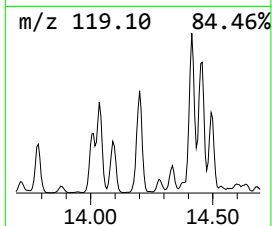
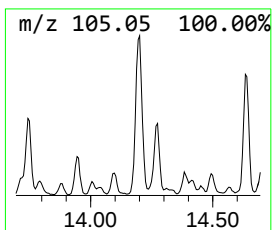
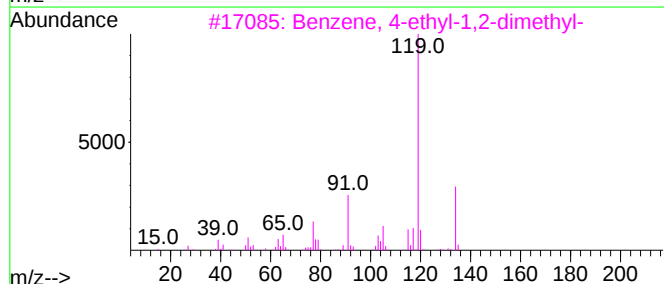
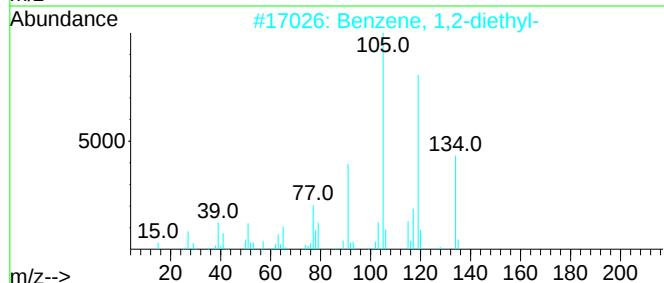
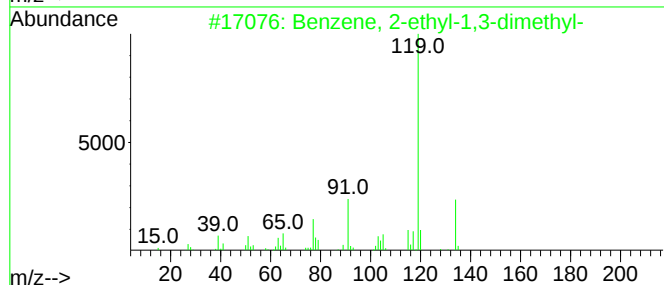
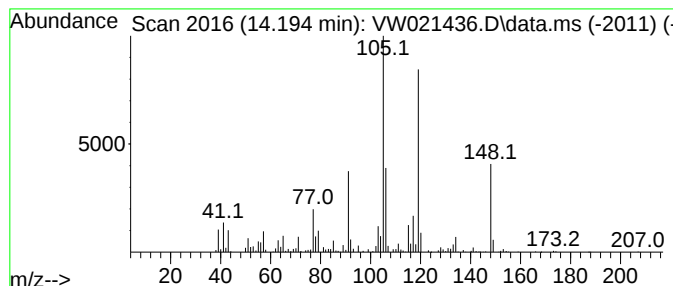
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	20.04 ug/L	259468	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	52
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	49
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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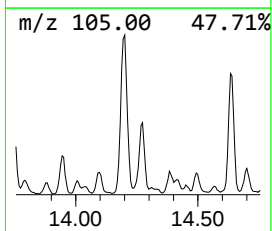
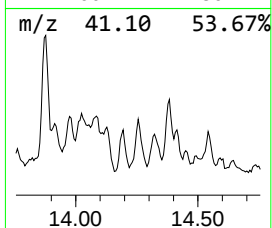
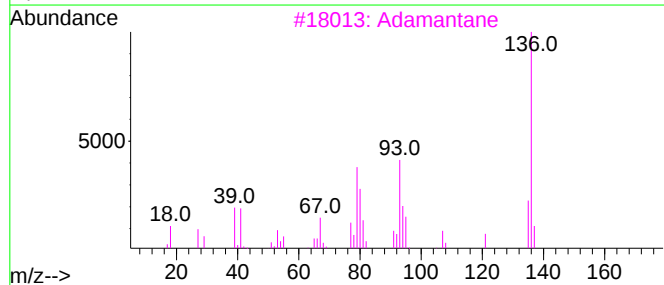
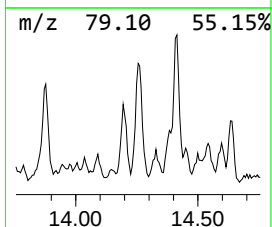
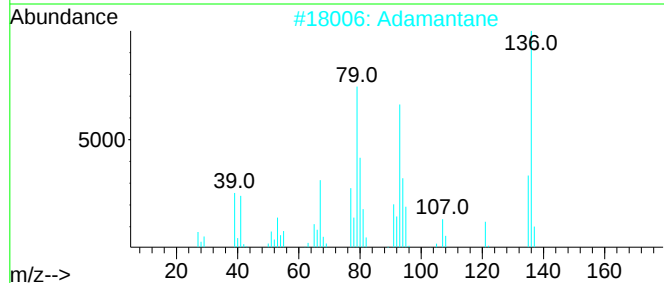
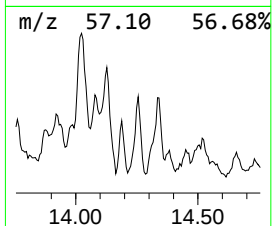
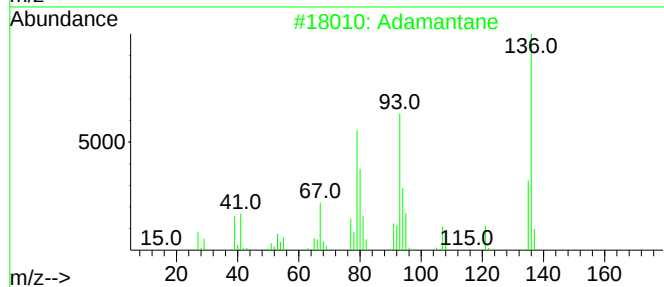
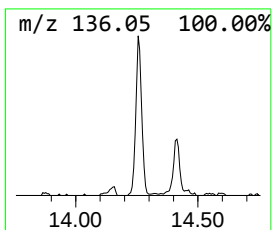
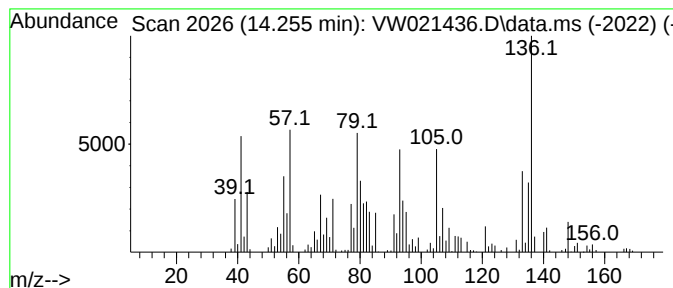
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Quant Title : SFAM01.0

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

Peak Number 13 Adamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	12.36 ug/L	160076	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	95
2			Adamantane	136	C10H16	000281-23-2	93
3			Adamantane	136	C10H16	000281-23-2	90
4			Adamantane	136	C10H16	000281-23-2	90
5			Adamantane	136	C10H16	000281-23-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL58

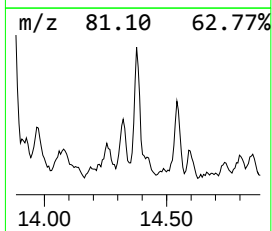
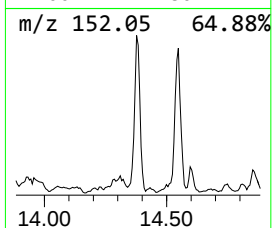
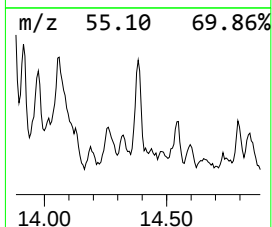
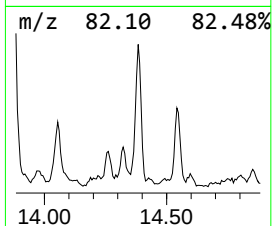
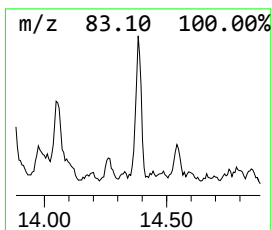
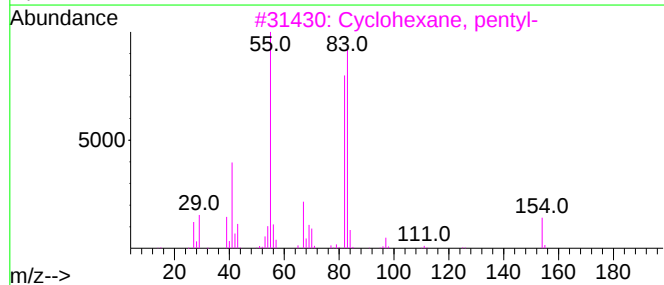
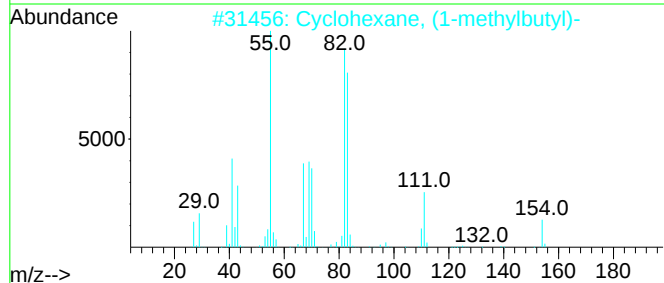
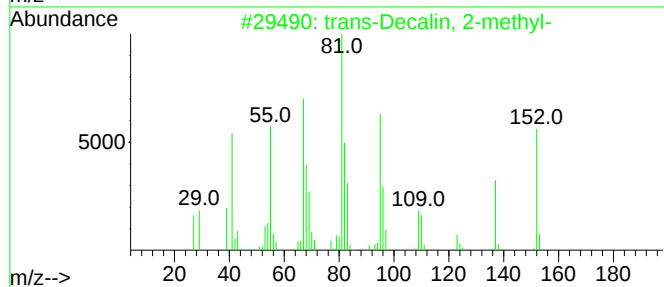
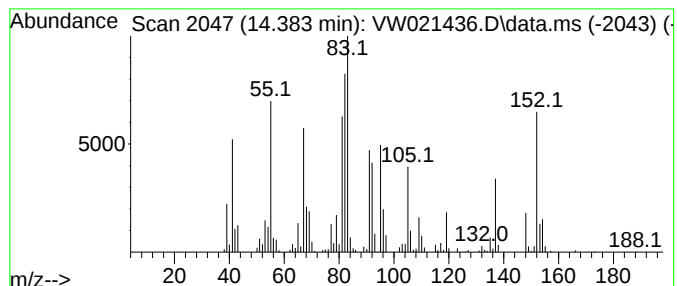
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	11.13 ug/L	144145	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49
2			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	43
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4			Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	38
5			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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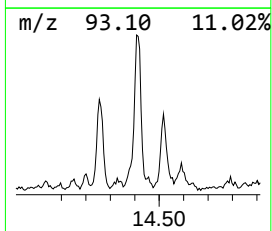
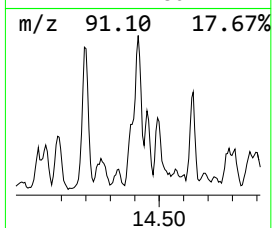
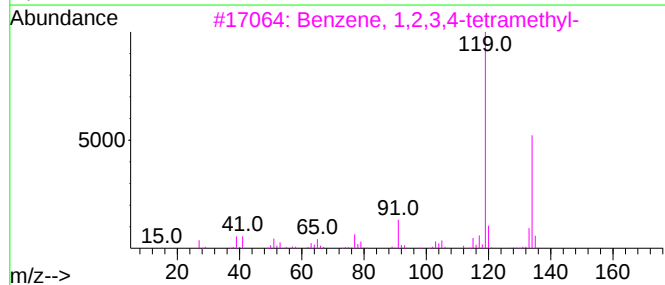
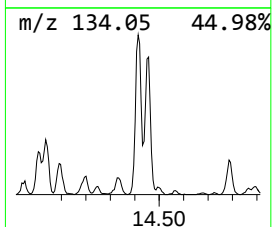
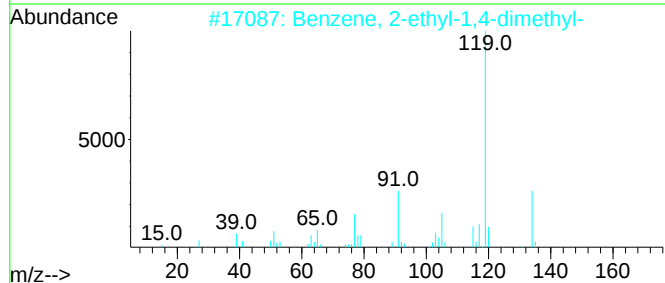
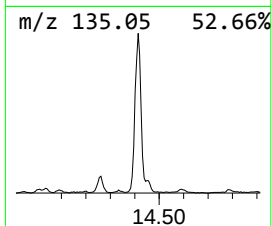
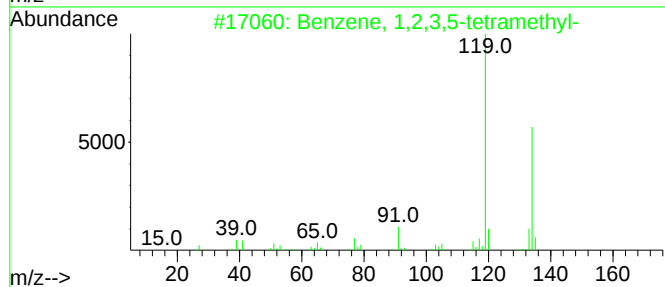
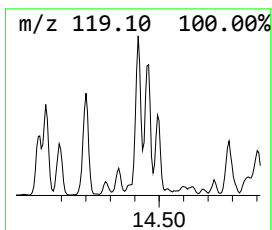
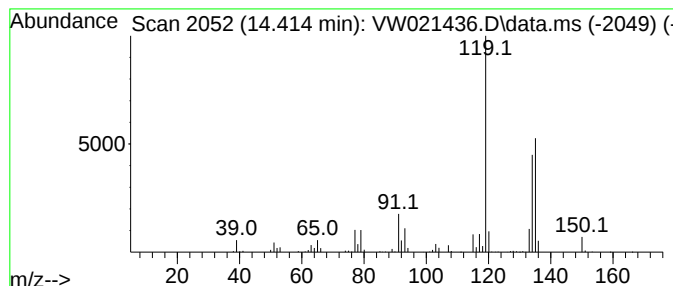
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	16.53 ug/L	214033	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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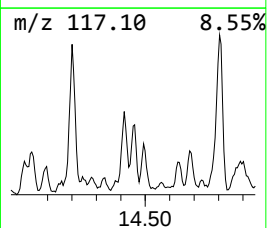
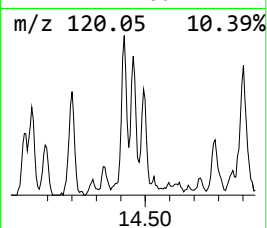
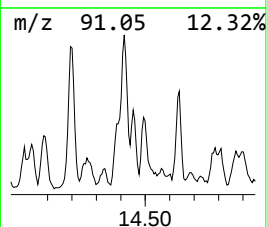
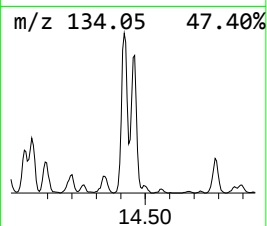
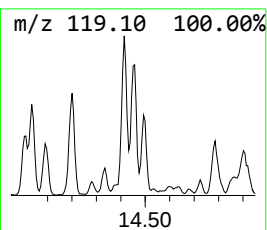
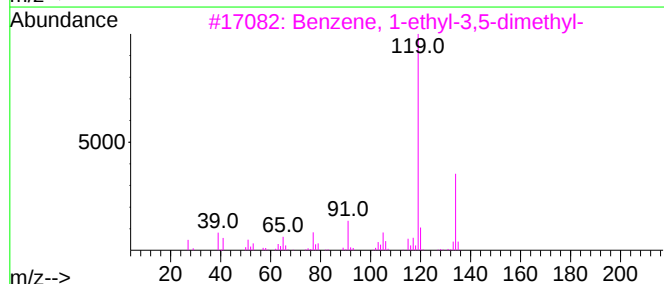
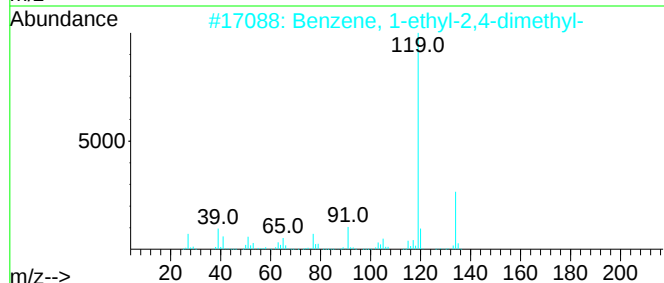
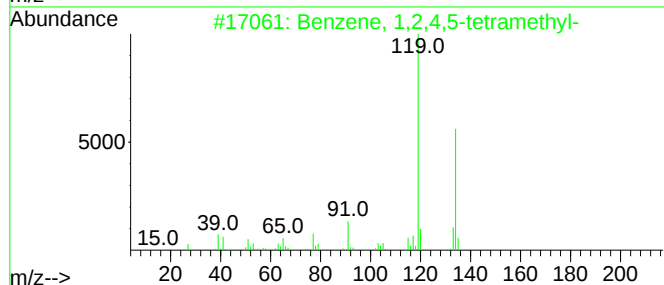
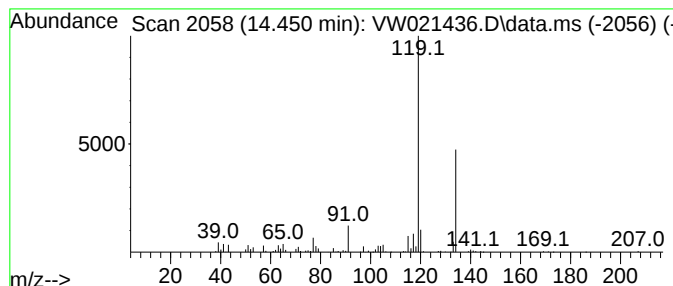
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.450	7.19 ug/L	93039	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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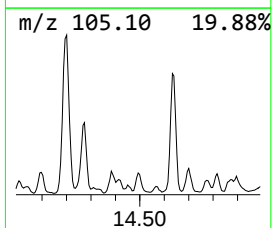
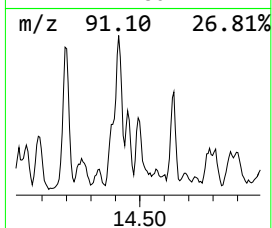
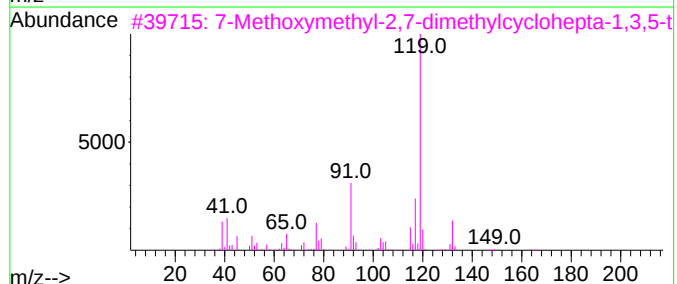
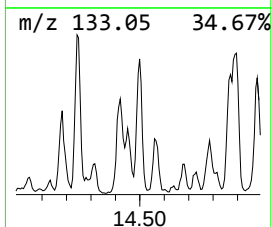
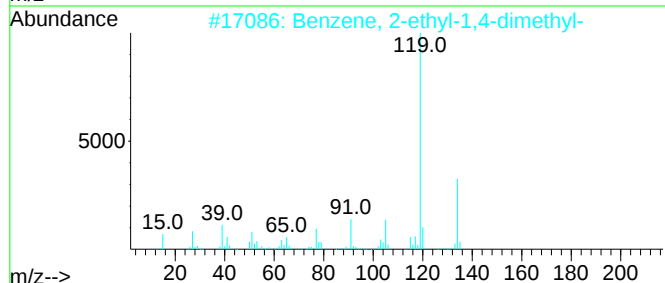
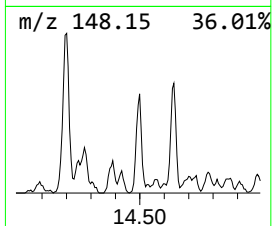
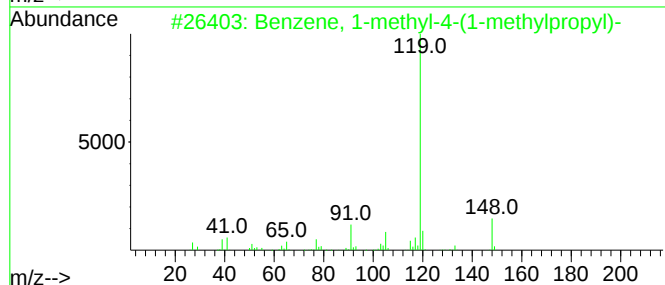
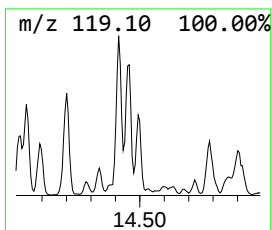
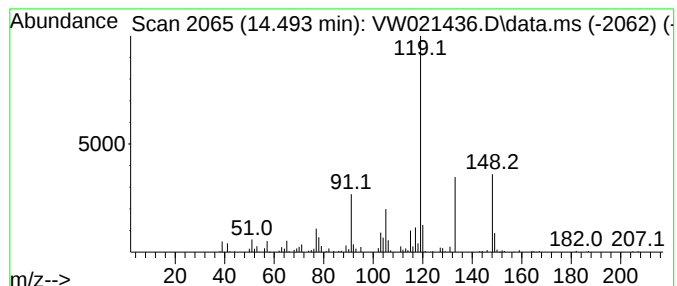
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	6.45 ug/L	83460	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
3			7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	53
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	52
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

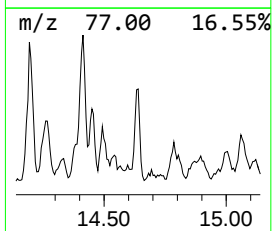
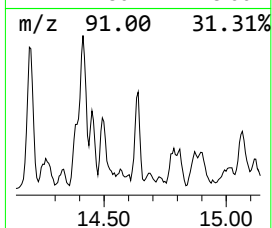
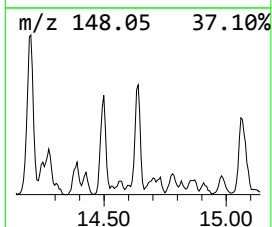
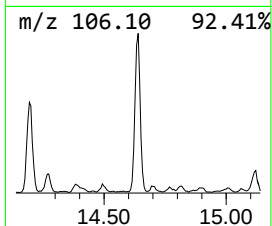
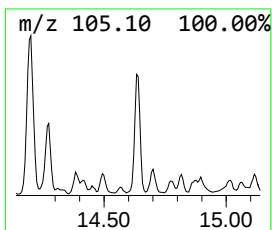
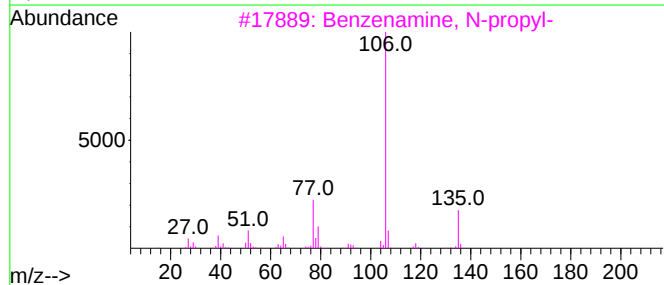
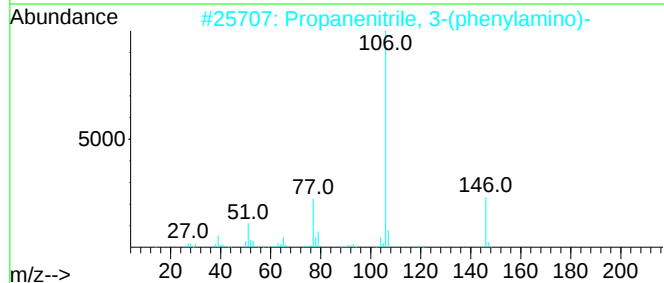
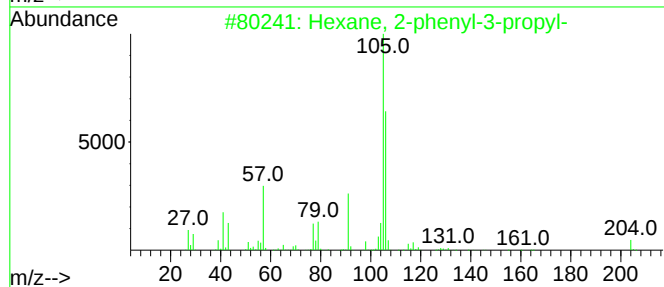
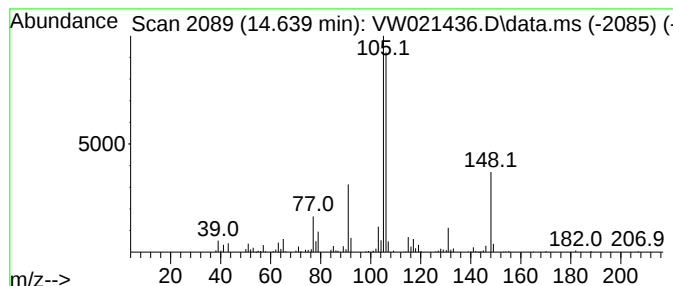
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 18 Hexane, 2-phenyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.639	7.54 ug/L	97618	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2-phenyl-3-propyl-		204	C15H24	1000161-01-5	59
2	Propanenitrile, 3-(phenylamino)-		146	C9H10N2	001075-76-9	43
3	Benzenamine, N-propyl-		135	C9H13N	000622-80-0	43
4	Benzene, 1-methyl-4-(2-methylpro...		148	C11H16	005161-04-6	38
5	4-Methylphenyl acetone		148	C10H12O	002096-86-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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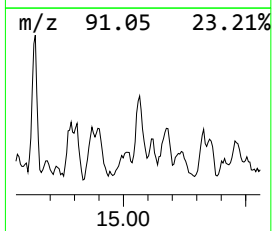
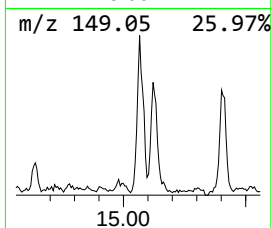
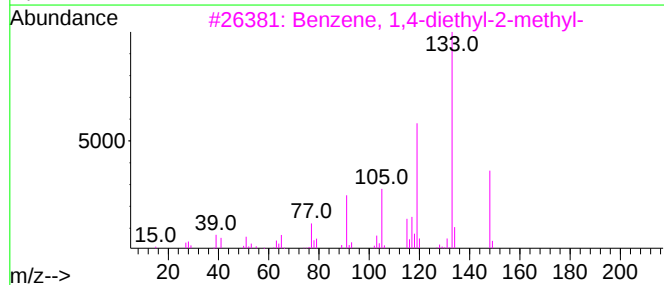
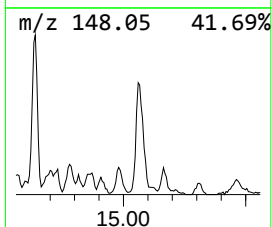
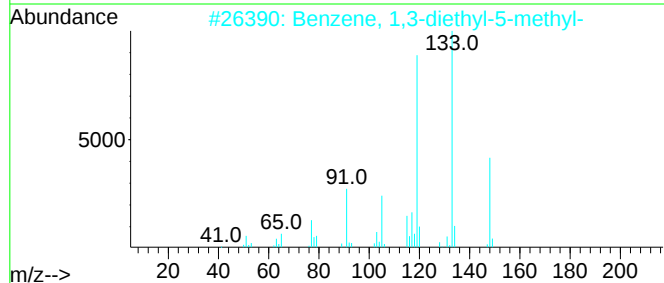
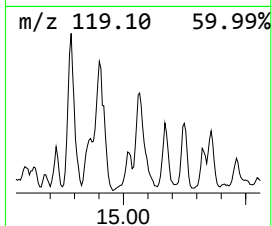
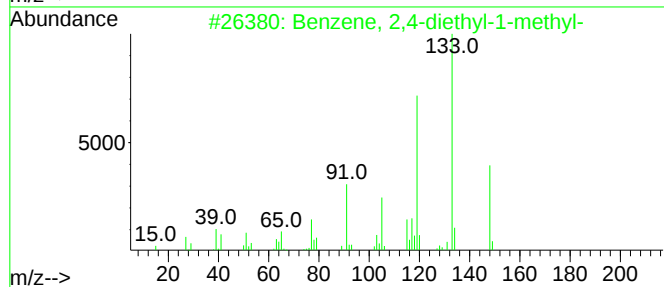
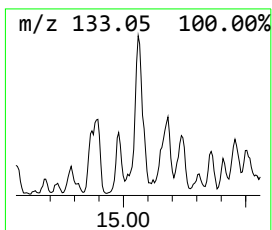
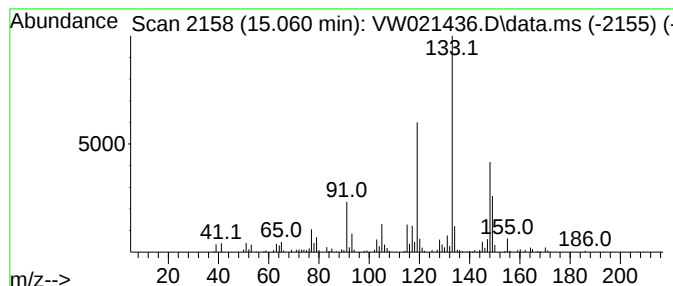
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	5.84 ug/L	75641	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
3			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
4			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	64
5			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL58

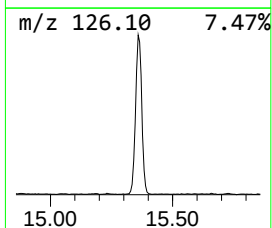
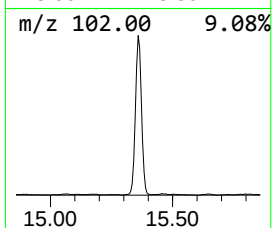
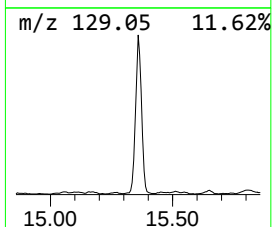
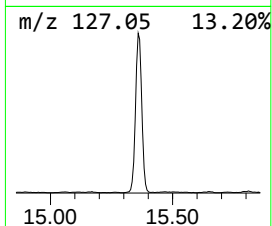
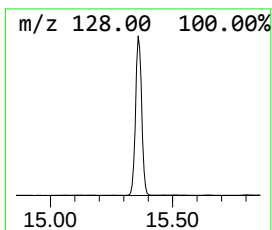
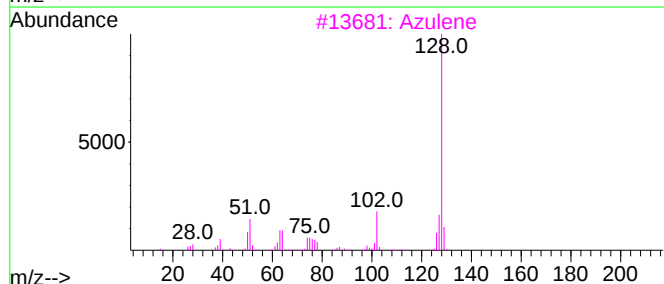
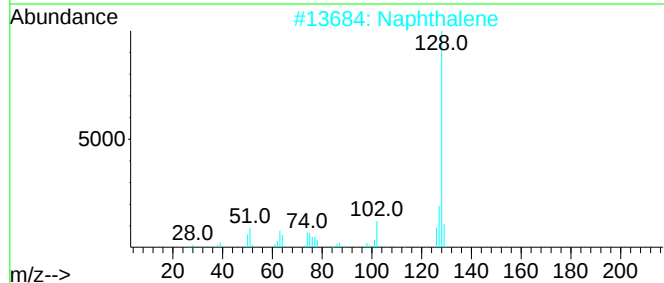
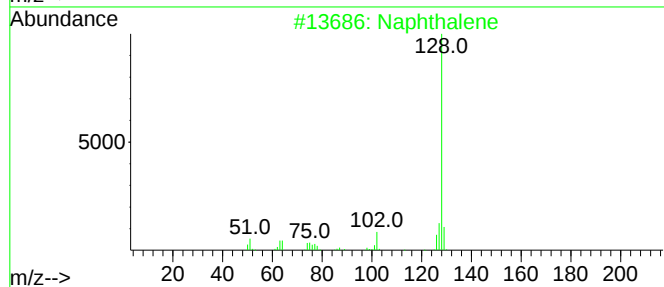
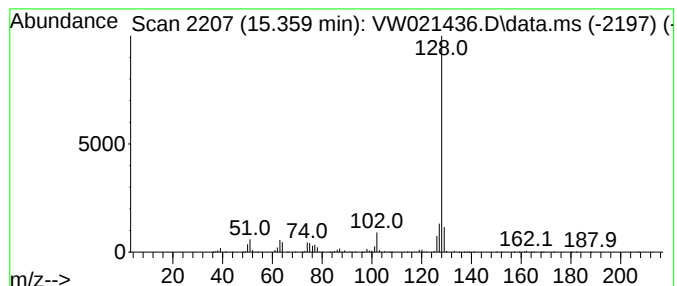
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Quant Title : SFAM01.0

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

Peak Number 20 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	135.28 ug/L	1751670	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene	128	C10H8	000091-20-3	95
2		Naphthalene	128	C10H8	000091-20-3	94
3		Azulene	128	C10H8	000275-51-4	91
4		Azulene	128	C10H8	000275-51-4	91
5		Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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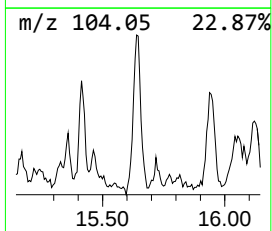
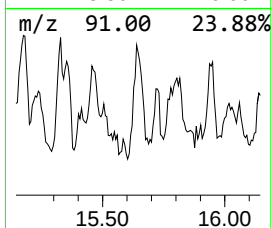
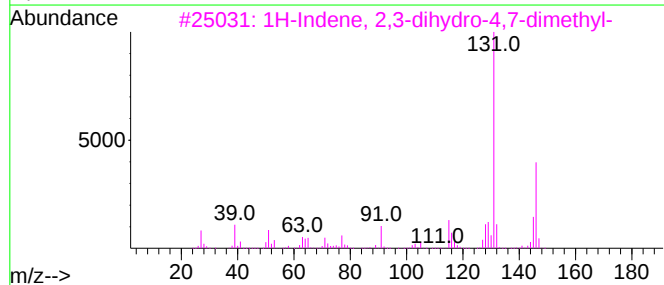
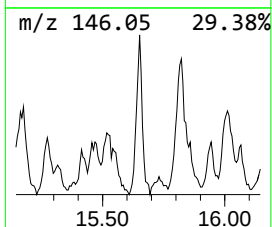
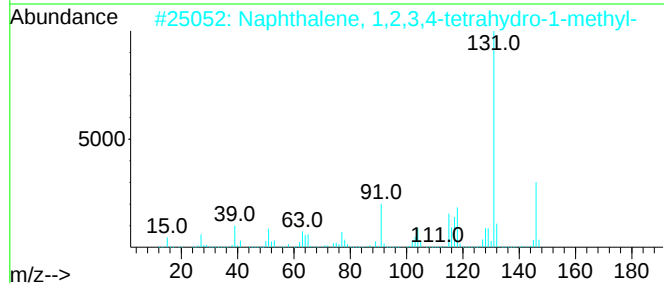
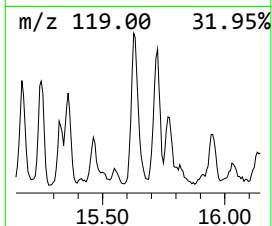
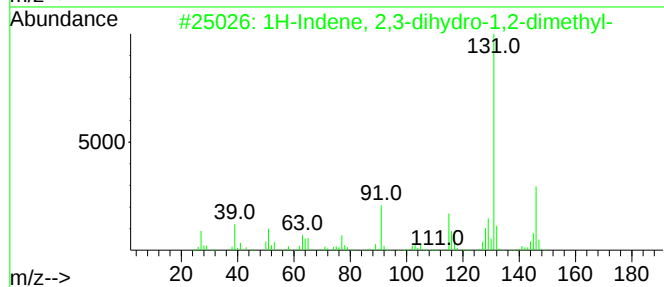
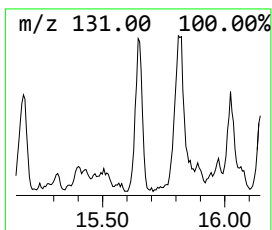
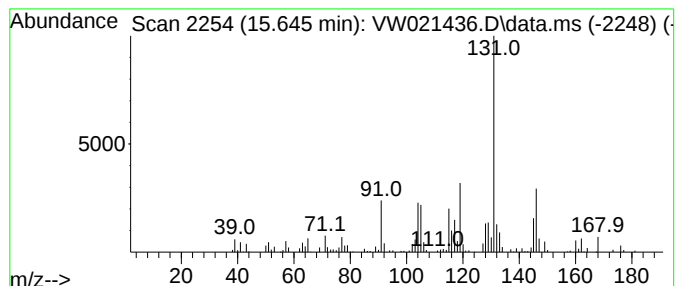
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Quant Title : SFAM01.0

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

Peak Number 21 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.645	7.40 ug/L	95792	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	89		
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86		
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86		
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76		
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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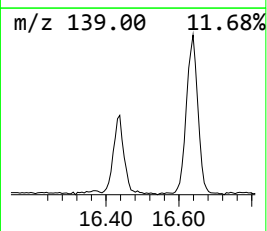
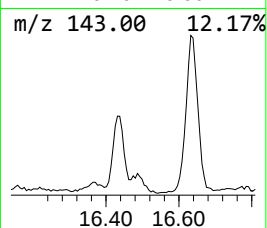
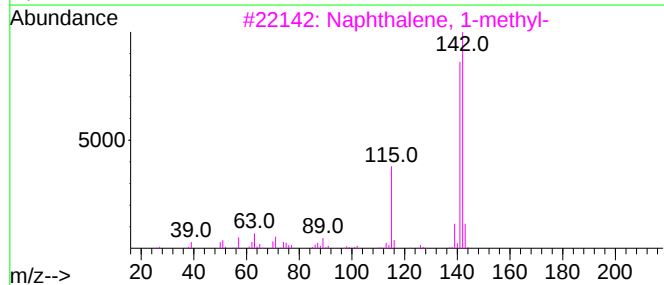
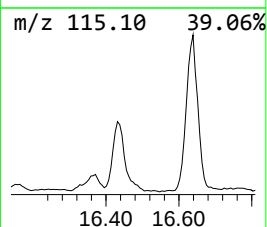
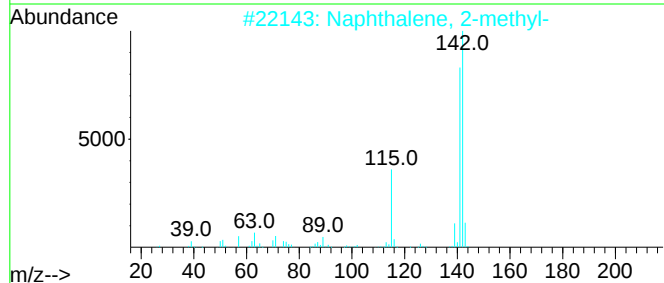
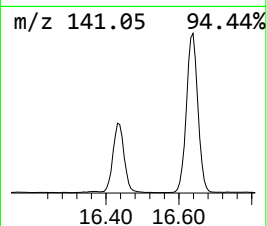
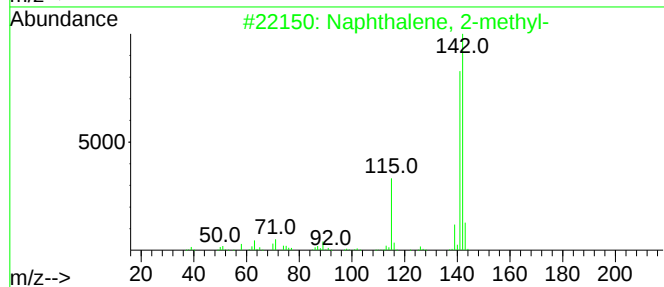
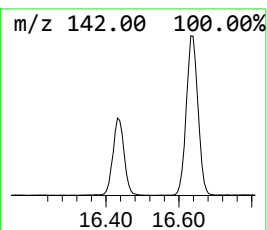
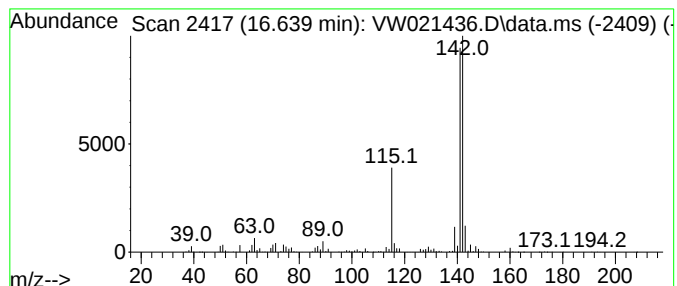
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Quant Title : SFAM01.0

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

Peak Number 23 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	47.66 ug/L	617147	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021436.D
 Acq On : 17 Dec 2021 17:19
 Operator : SY/VA
 Sample : M5121-11
 Misc : 6.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.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...	11.512	1.3	ug/L	20059	2	11.628	382422	25.0
(DEL) Alkane: C...	11.914	1.5	ug/L	22622	2	11.628	382422	25.0
(DEL) Alkane: S...	12.054	1.4	ug/L	21091	2	11.628	382422	25.0
(DEL) Alkane: S...	12.249	3.3	ug/L	50192	2	11.628	382422	25.0
2-Methylbicyclo...	12.335	8.0	ug/L	122589	2	11.628	382422	25.0
(DEL) Alkane: C...	12.780	5.3	ug/L	68764	3	13.560	323711	25.0
Benzene, 1-ethy...	12.865	10.3	ug/L	133127	3	13.560	323711	25.0
unknown-01	13.079	5.9	ug/L	76285	3	13.560	323711	25.0
(DEL) Alkane: S...	13.164	11.8	ug/L	152201	3	13.560	323711	25.0
(DEL) Alkane: S...	13.408	4.2	ug/L	54456	3	13.560	323711	25.0
Benzene, 2-ethy...	14.194	20.0	ug/L	259468	3	13.560	323711	25.0
Adamantane	14.255	12.4	ug/L	160076	3	13.560	323711	25.0
unknown-02	14.383	11.1	ug/L	144145	3	13.560	323711	25.0
Benzene, 1,2,3,...	14.414	16.5	ug/L	214033	3	13.560	323711	25.0
Benzene, 1,2,4,...	14.450	7.2	ug/L	93039	3	13.560	323711	25.0
Benzene, 1-meth...	14.493	6.5	ug/L	83460	3	13.560	323711	25.0
Hexane, 2-pheny...	14.639	7.5	ug/L	97618	3	13.560	323711	25.0
Benzene, 2,4-di...	15.060	5.8	ug/L	75641	3	13.560	323711	25.0
Azulene	15.359	135.3	ug/L	1751670	3	13.560	323711	25.0
1H-Indene, 2,3-...	15.645	7.4	ug/L	95792	3	13.560	323711	25.0
1,4-Methanonaph...	16.639	47.7	ug/L	617147	3	13.560	323711	25.0