

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021503.D
 Acq On : 20 Dec 2021 17:12
 Operator : SY/VA
 Sample : M5171-14
 Misc : 6.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB0

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: VW021503.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	66	73	82	rVB	20380	35133	0.45%	0.049%
2	2.635	115	120	124	rVV3	1098	2252	0.03%	0.003%
3	2.806	144	148	153	rBV	1794	3171	0.04%	0.004%
4	2.885	153	161	171	rVB	16416	34045	0.43%	0.048%
5	4.019	337	347	357	rBV	37679	105357	1.34%	0.148%
6	4.123	357	364	378	rVV	6835	18879	0.24%	0.026%
7	4.379	398	406	418	rBB2	1729	4885	0.06%	0.007%
8	4.915	484	494	506	rVV2	10347	32192	0.41%	0.045%
9	5.940	655	662	671	rVV3	1189	2985	0.04%	0.004%
10	6.988	825	834	840	rVV4	1083	2748	0.04%	0.004%
11	7.074	840	848	859	rVV	16284	46593	0.59%	0.065%
12	7.165	862	863	872	rVV3	2183	4990	0.06%	0.007%
13	7.263	875	879	886	rVV4	1196	2379	0.03%	0.003%
14	7.531	914	923	928	rBV4	1716	4544	0.06%	0.006%
15	7.647	930	942	954	rBV	89522	231789	2.96%	0.325%
16	7.848	970	975	982	rBV7	1731	4206	0.05%	0.006%
17	7.927	982	988	989	rBV3	1551	2759	0.04%	0.004%
18	8.037	1001	1006	1018	rVB6	3492	8686	0.11%	0.012%
19	8.159	1018	1026	1034	rBV3	2390	6287	0.08%	0.009%
20	8.275	1034	1045	1063	rBV2	167135	526083	6.71%	0.737%
21	8.512	1074	1084	1091	rVB4	10197	28142	0.36%	0.039%
22	8.689	1104	1113	1126	rVB7	3388	11129	0.14%	0.016%
23	8.842	1128	1138	1147	rBV	191191	384212	4.90%	0.538%
24	8.933	1149	1153	1158	rVB5	1719	2852	0.04%	0.004%
25	9.000	1158	1164	1170	rBV3	3785	7266	0.09%	0.010%
26	9.067	1170	1175	1182	rBV2	17350	34605	0.44%	0.048%
27	9.274	1201	1209	1216	rBV	120520	251336	3.20%	0.352%
28	9.512	1244	1248	1252	rBV6	1554	2490	0.03%	0.003%
29	9.756	1283	1288	1293	rBV4	4766	8772	0.11%	0.012%
30	9.896	1300	1311	1316	rBV4	9082	23405	0.30%	0.033%
31	9.957	1317	1321	1325	rBV5	3755	6256	0.08%	0.009%
32	10.036	1327	1334	1340	rBV	63431	112381	1.43%	0.157%
33	10.323	1374	1381	1388	rBV	229200	404763	5.16%	0.567%
34	10.384	1388	1391	1397	rVB	10774	19555	0.25%	0.027%
35	10.579	1417	1423	1428	rBV	39593	66295	0.85%	0.093%
36	10.664	1433	1437	1438	rBV4	4613	6101	0.08%	0.009%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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

37	10.927	1474	1480	1486	rBV	65667	121696	1.55%	0.171%
38	11.335	1544	1547	1548	rBV3	9517	9689	0.12%	0.014%
39	11.512	1573	1576	1589	rVB3	27942	69355	0.88%	0.097%
40	11.634	1590	1596	1605	rVB2	237429	501404	6.39%	0.703%
41	11.731	1605	1612	1622	rVB	1391261	2244748	28.62%	3.145%
42	11.841	1623	1630	1639	rBV	449993	815854	10.40%	1.143%
43	12.164	1672	1683	1690	rBV	173885	381272	4.86%	0.534%
44	12.249	1694	1697	1701	rVB	33781	47296	0.60%	0.066%
45	12.341	1702	1712	1714	rBV3	47033	119721	1.53%	0.168%
46	12.463	1725	1732	1739	rBV	3033785	4827285	61.54%	6.764%
47	12.560	1742	1748	1754	rVB	727752	1220734	15.56%	1.710%
48	12.646	1759	1762	1765	rVB2	34390	42979	0.55%	0.060%
49	12.695	1765	1770	1776	rVB	106705	186096	2.37%	0.261%
50	12.804	1777	1788	1793	rBV	492664	908322	11.58%	1.273%
51	12.865	1793	1798	1800	rBV	341262	562074	7.17%	0.788%
52	12.896	1800	1803	1807	rVV	804323	1271131	16.21%	1.781%
53	12.938	1807	1810	1816	rVB	351478	563209	7.18%	0.789%
54	13.103	1829	1837	1843	rBV	1053342	1781645	22.71%	2.496%
55	13.164	1843	1847	1850	rBV2	130388	190219	2.43%	0.267%
56	13.249	1855	1861	1867	rBV	3870973	5867386	74.81%	8.221%
57	13.438	1887	1892	1897	rBV2	342862	555015	7.08%	0.778%
58	13.493	1897	1901	1907	rVB3	278550	521608	6.65%	0.731%
59	13.585	1907	1916	1921	rBV2	1299252	2454087	31.29%	3.439%
60	13.719	1932	1938	1939	rBV	478224	686267	8.75%	0.962%
61	13.749	1939	1943	1947	rVV2	1383267	2527664	32.23%	3.542%
62	13.792	1947	1950	1957	rVV4	824376	1621610	20.67%	2.272%
63	13.871	1957	1963	1969	rVV2	1279585	2339720	29.83%	3.278%
64	13.944	1970	1975	1980	rVV	477932	818382	10.43%	1.147%
65	14.005	1980	1985	1988	rVV	705759	1278026	16.29%	1.791%
66	14.036	1988	1990	1995	rVV	817964	1110513	14.16%	1.556%
67	14.091	1995	1999	2005	rVV	1236719	1940223	24.74%	2.719%
68	14.158	2007	2010	2012	rVV	82837	118099	1.51%	0.165%
69	14.200	2012	2017	2022	rVB2	725560	1186796	15.13%	1.663%
70	14.255	2022	2026	2033	rVB5	128097	333243	4.25%	0.467%
71	14.334	2033	2039	2044	rBV2	398492	705559	9.00%	0.989%
72	14.414	2044	2052	2056	rVV	2099656	3749897	47.81%	5.254%
73	14.456	2056	2059	2063	rVV	1209450	1725327	22.00%	2.417%
74	14.499	2063	2066	2069	rVV	408473	553014	7.05%	0.775%
75	14.536	2069	2072	2080	rVB3	212002	419761	5.35%	0.588%
76	14.639	2085	2089	2092	rVB	187253	265508	3.39%	0.372%

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 Title : SFAM01.0

77	14.688	2092	2097	2100	rBV3	435397	744571	9.49%	1.043%
78	14.725	2100	2103	2108	rVB2	375506	571282	7.28%	0.800%
79	14.792	2108	2114	2121	rBV3	1101516	2934061	37.41%	4.111%
80	14.950	2136	2140	2147	rVB2	225074	362050	4.62%	0.507%
81	15.023	2148	2152	2153	rBV2	66576	88089	1.12%	0.123%
82	15.060	2153	2158	2167	rVV	475045	1245638	15.88%	1.745%
83	15.170	2171	2176	2184	rVB3	360111	867671	11.06%	1.216%
84	15.243	2185	2188	2195	rVB5	146805	301887	3.85%	0.423%
85	15.322	2195	2201	2202	rBV2	381597	572532	7.30%	0.802%
86	15.365	2202	2208	2214	rVB	4424709	7843542	100.00%	10.990%
87	15.462	2220	2224	2228	rBV3	175281	292646	3.73%	0.410%
88	15.548	2235	2238	2247	rVB3	296323	546847	6.97%	0.766%
89	15.651	2247	2255	2261	rBV3	305211	732740	9.34%	1.027%
90	15.724	2263	2267	2272	rVB3	112368	194580	2.48%	0.273%
91	15.816	2277	2282	2285	rVV3	141595	315809	4.03%	0.443%
92	15.859	2286	2289	2294	rVB3	123366	205700	2.62%	0.288%
93	15.944	2299	2303	2307	rVV2	116757	190509	2.43%	0.267%
94	16.023	2308	2316	2321	rVV3	123393	329204	4.20%	0.461%
95	16.163	2330	2339	2343	rBV6	116569	384031	4.90%	0.538%
96	16.212	2344	2347	2352	rVV4	99978	174850	2.23%	0.245%
97	16.279	2353	2358	2364	rVB	172860	312740	3.99%	0.438%
98	16.432	2377	2383	2389	rBV	547336	1164467	14.85%	1.632%
99	16.486	2389	2392	2397	rVB2	142907	221739	2.83%	0.311%
100	16.639	2409	2417	2429	rVB	651111	1679686	21.41%	2.354%

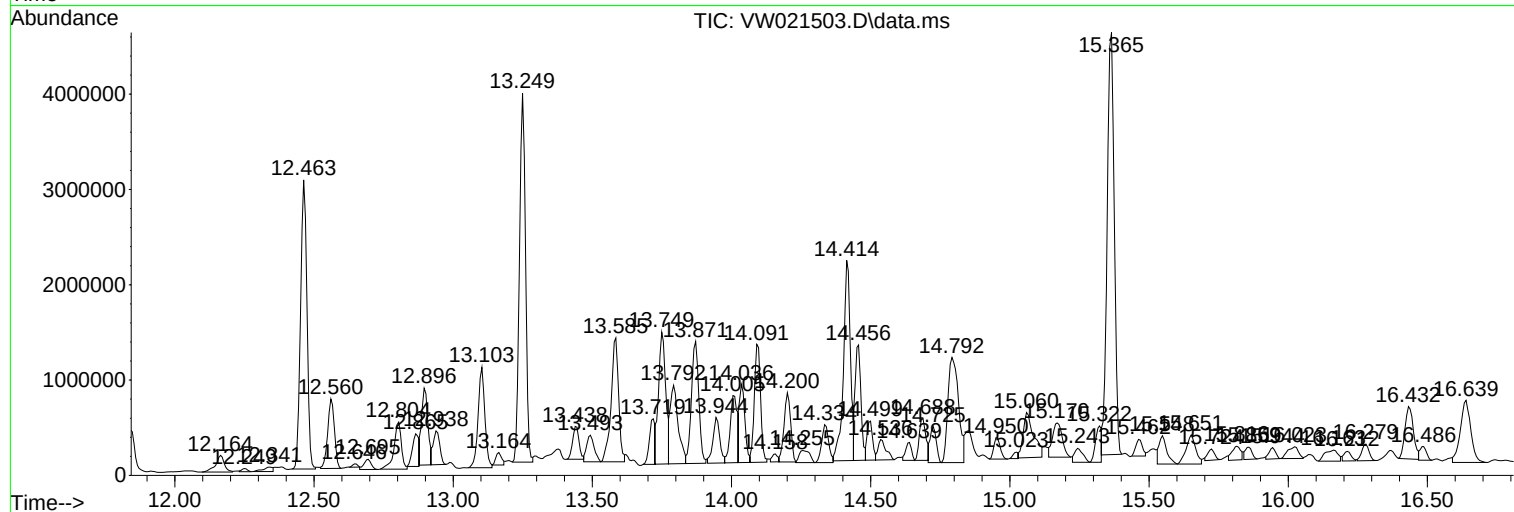
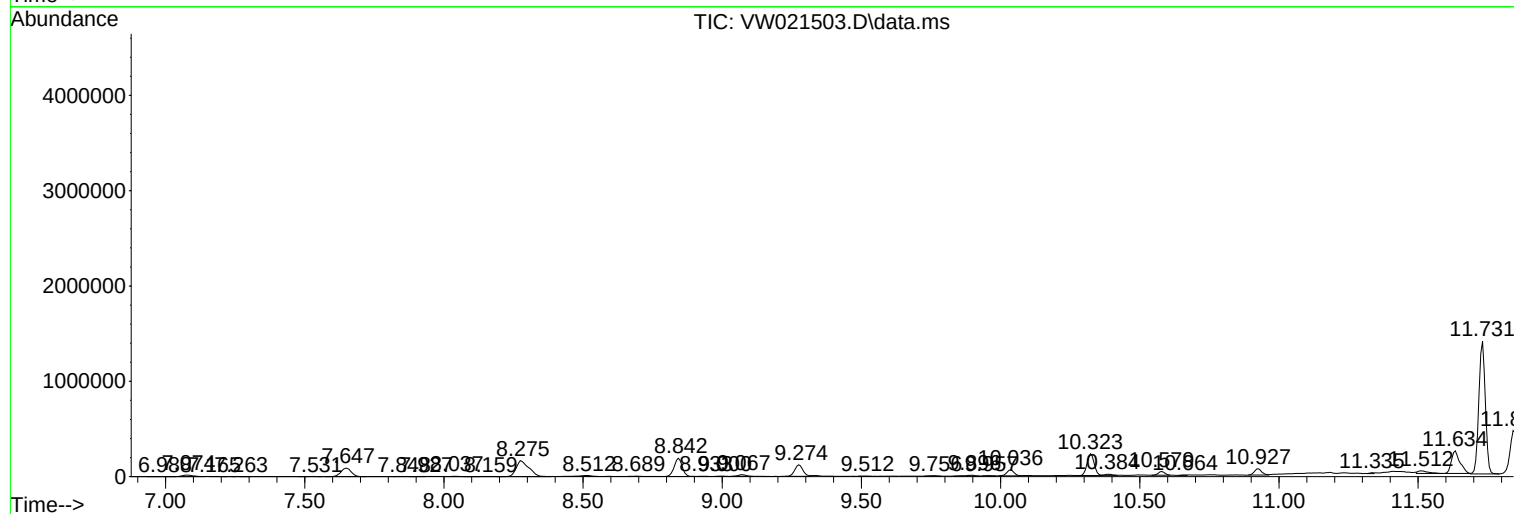
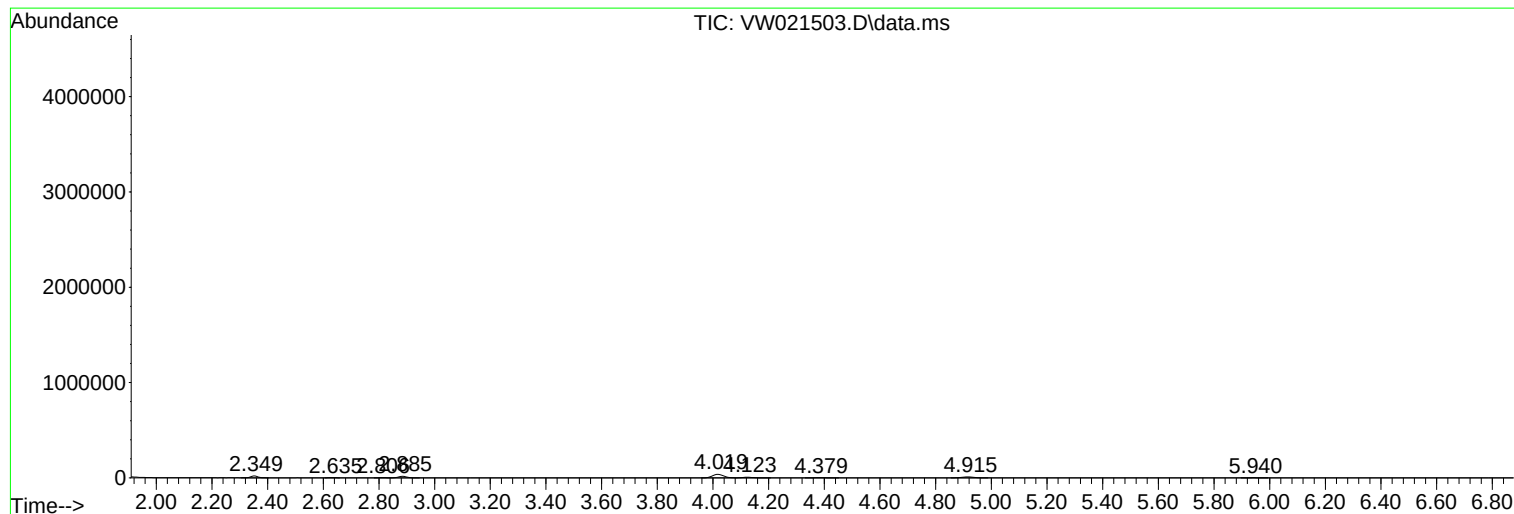
Sum of corrected areas: 71368828

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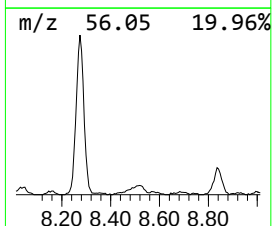
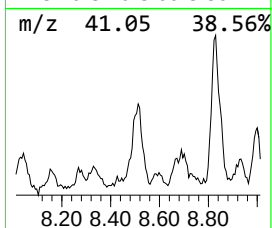
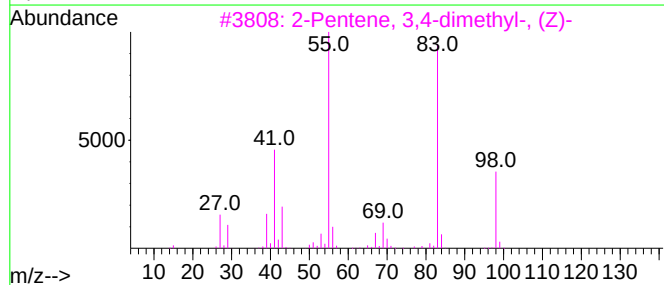
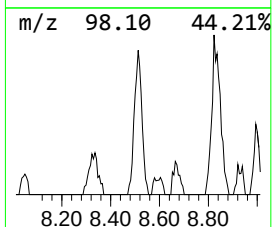
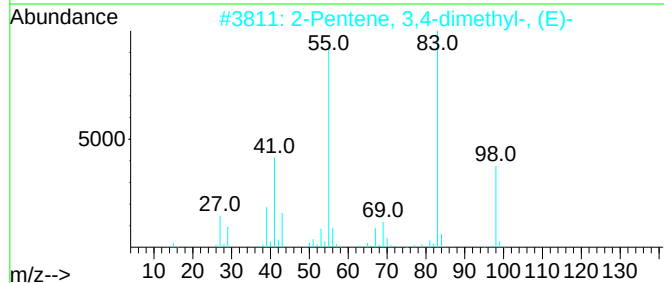
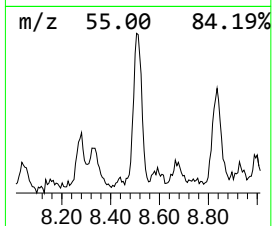
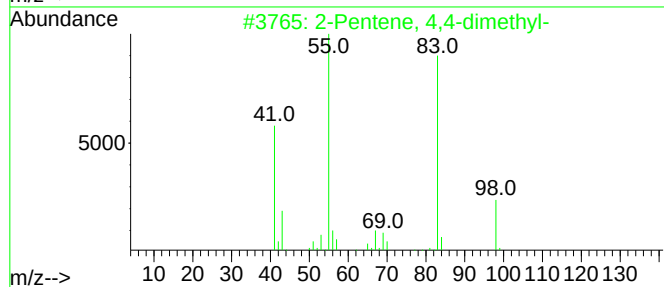
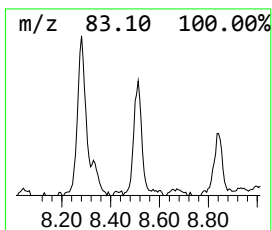
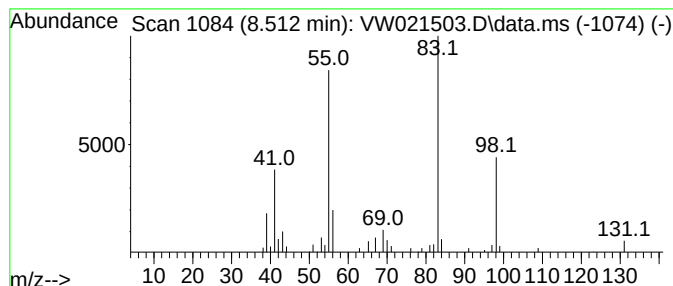
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.512	1.83 ug/L	28142	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	87
2		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	87
3		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	87
4		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	74
5		2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72



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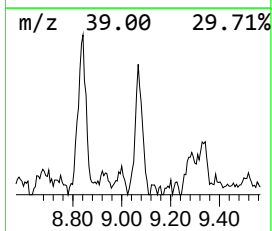
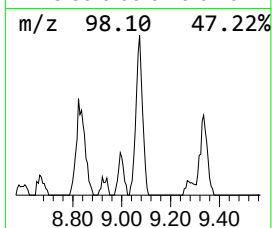
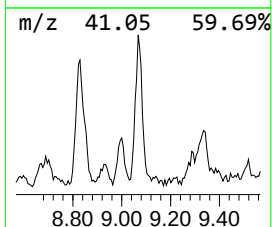
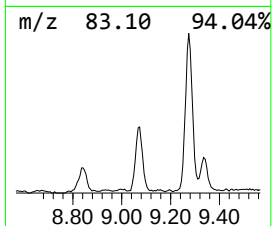
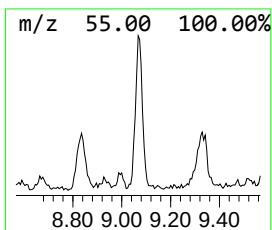
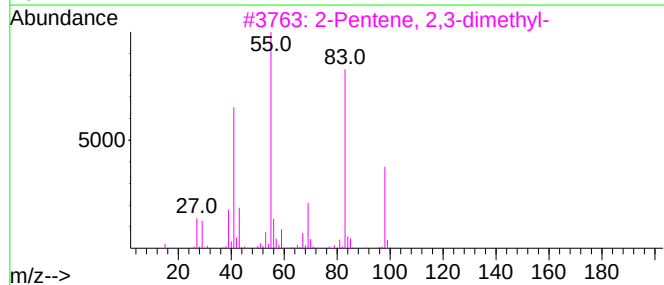
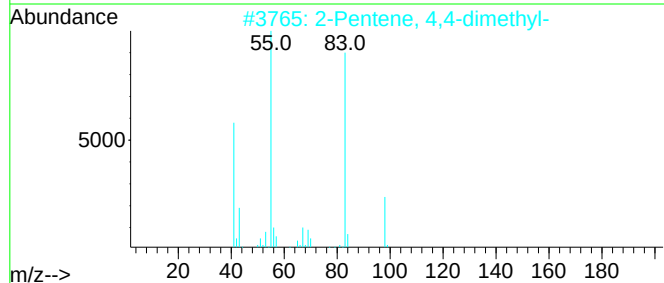
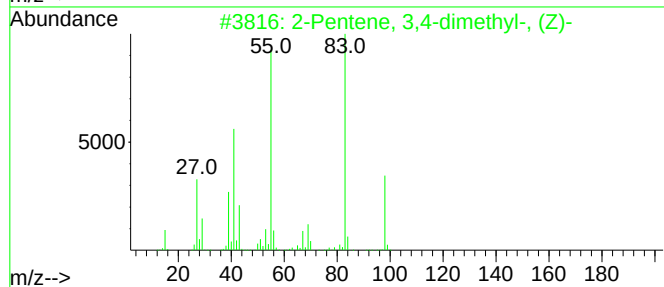
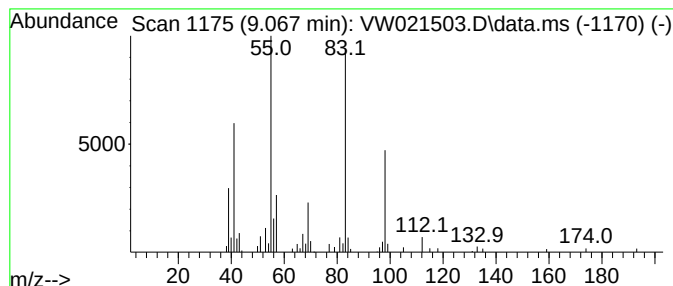
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.067	2.25 ug/L	34605	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90
2		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	90
3		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	90
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	90



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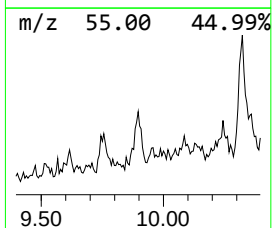
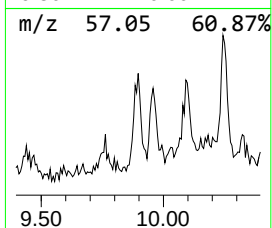
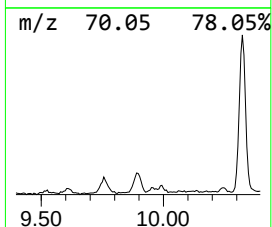
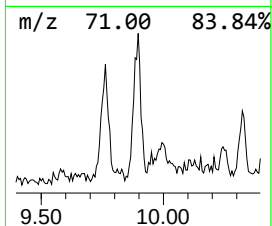
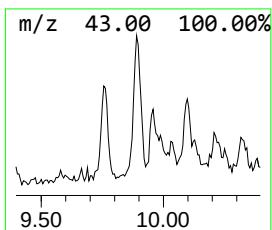
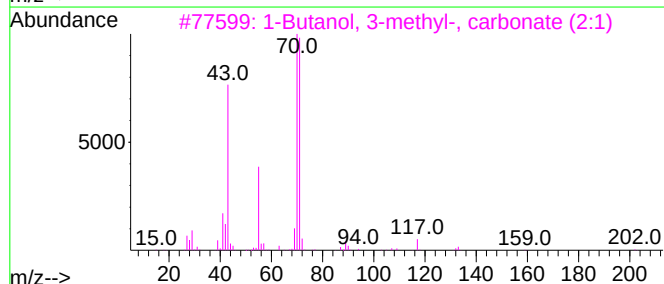
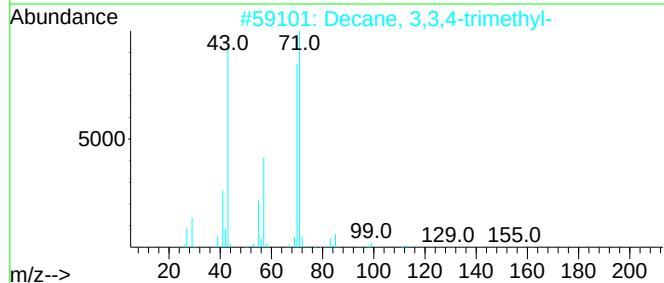
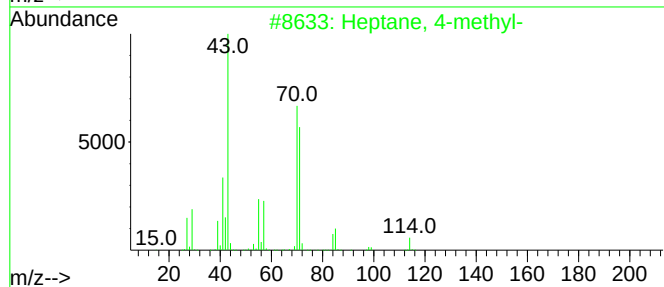
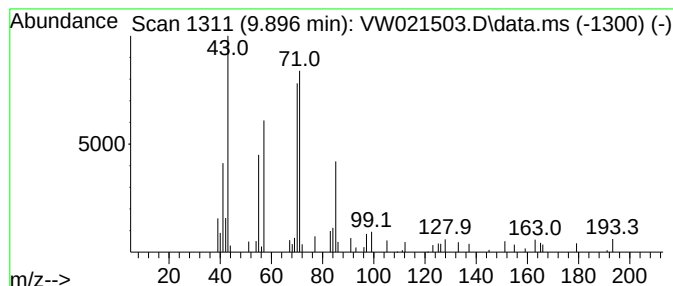
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	1.52 ug/L	23405	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-methyl-	114	C8H18	000589-53-7	53
2			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	50
3			1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	50
4			Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	50
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

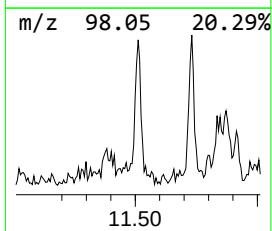
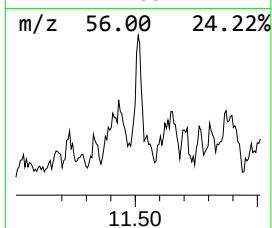
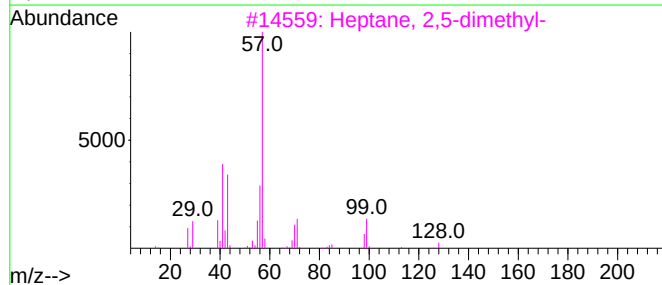
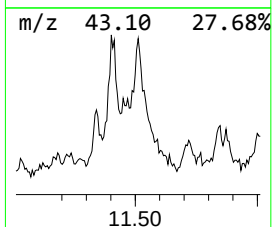
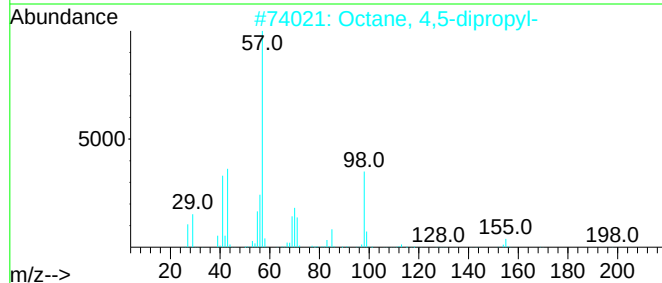
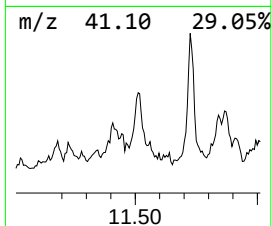
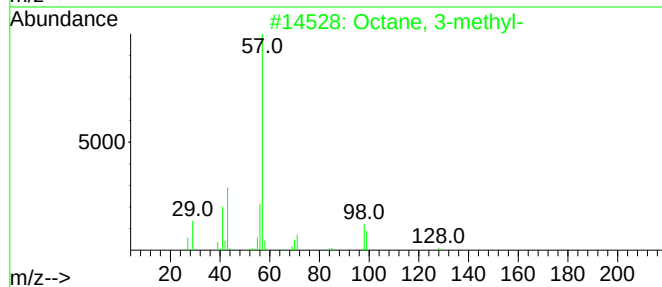
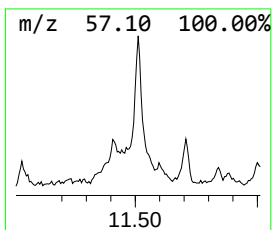
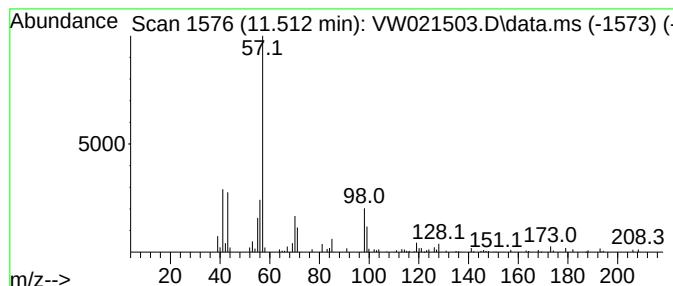
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.512	3.46 ug/L	69355	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	64
2		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	59
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
4		Undecane, 6-methyl-	170	C12H26	017302-33-9	53
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

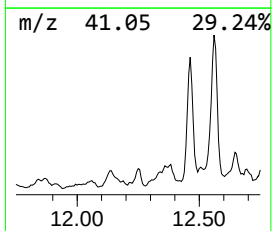
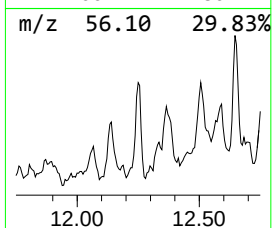
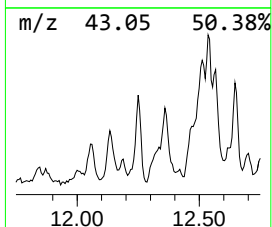
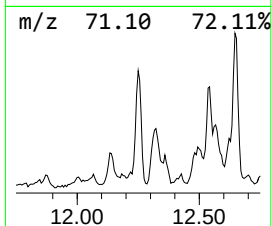
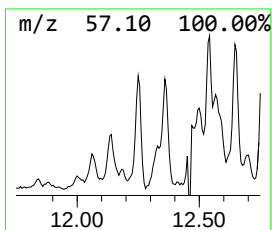
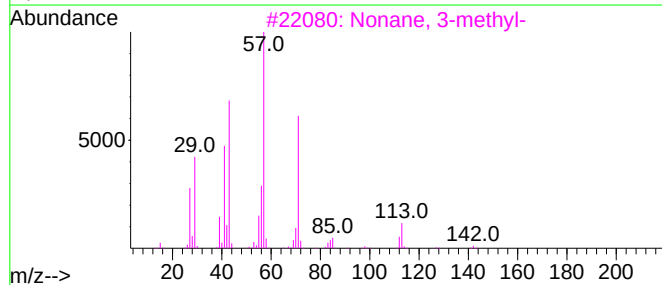
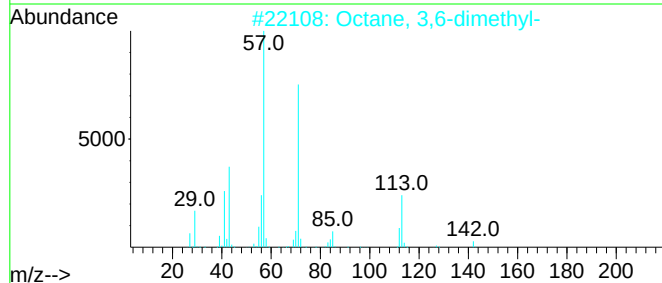
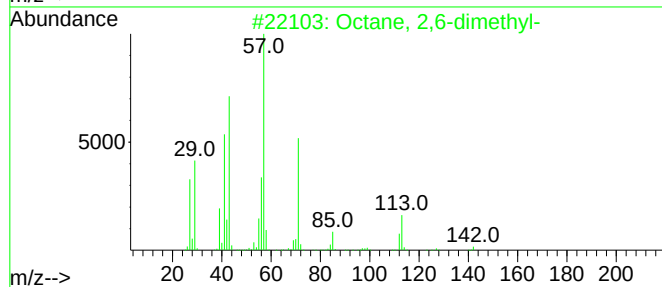
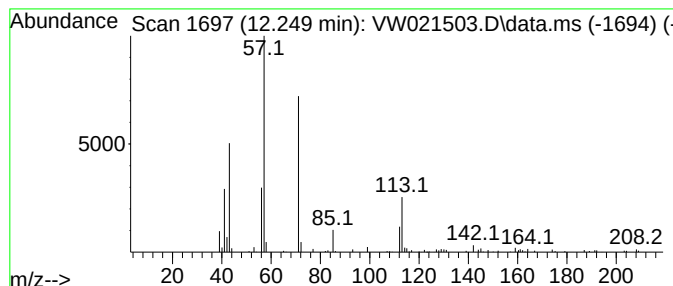
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MSVOA_W
ClientSampleId :
BGLB0

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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 41

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.249	2.36 ug/L	47296	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	91
2	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
4	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

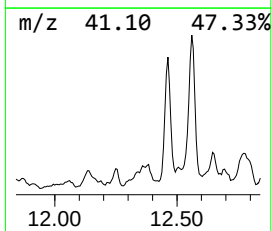
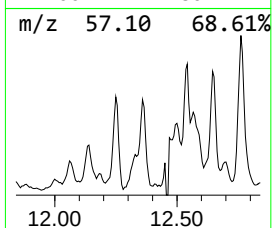
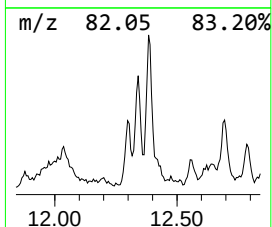
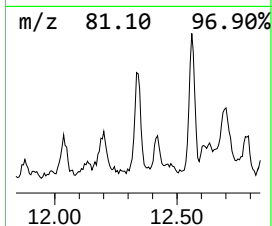
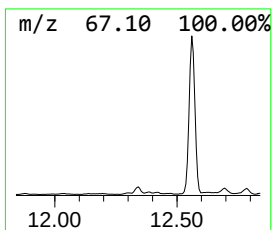
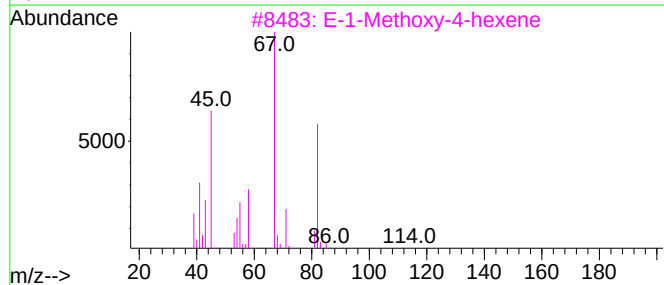
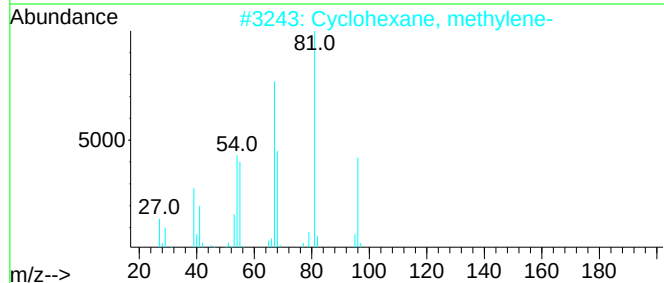
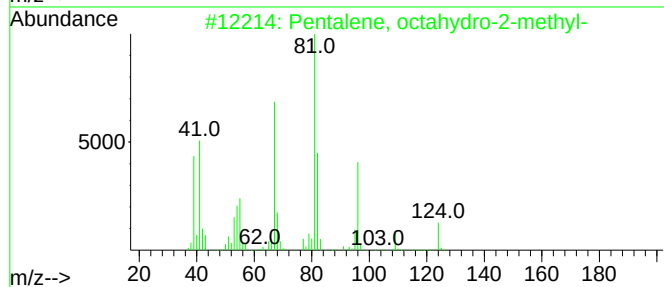
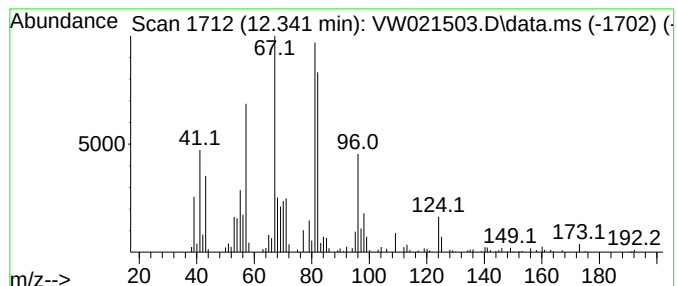
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Quant Title : SFAM01.0

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

Peak Number 8 Pentalene, octahydro-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.341	5.97 ug/L	119721	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	52
2			Cyclohexane, methylene-	96	C7H12	001192-37-6	49
3			E-1-Methoxy-4-hexene	114	C7H14O	134777-60-9	45
4			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	45
5			Cyclohexene, 3-heptyl-	180	C13H24	015232-93-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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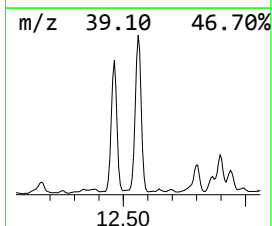
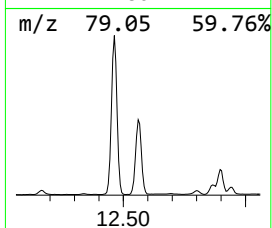
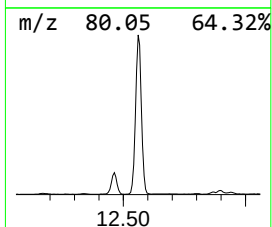
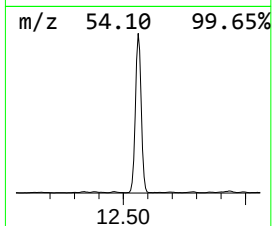
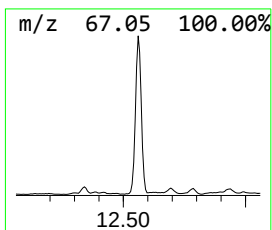
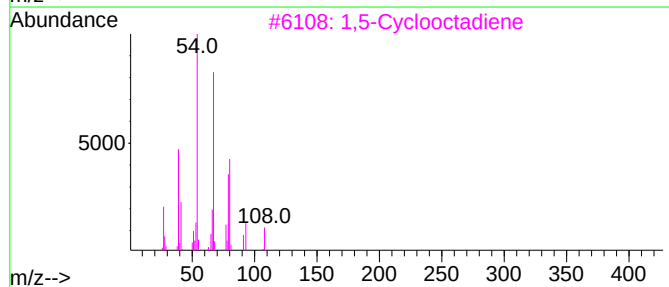
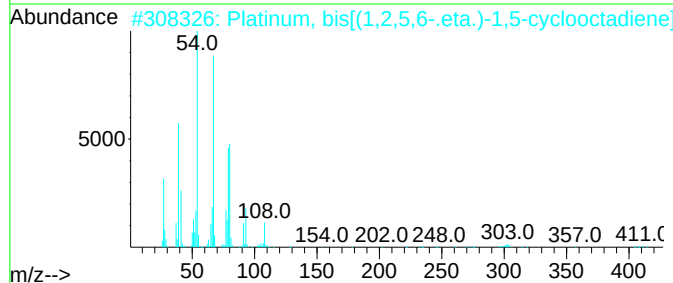
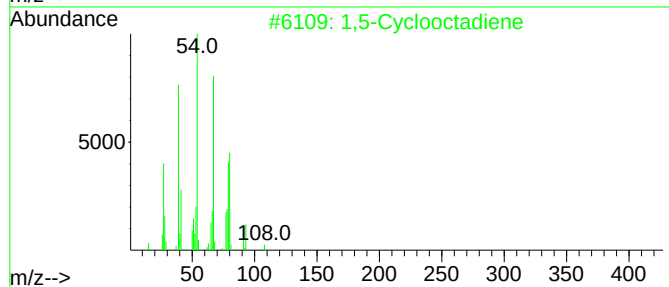
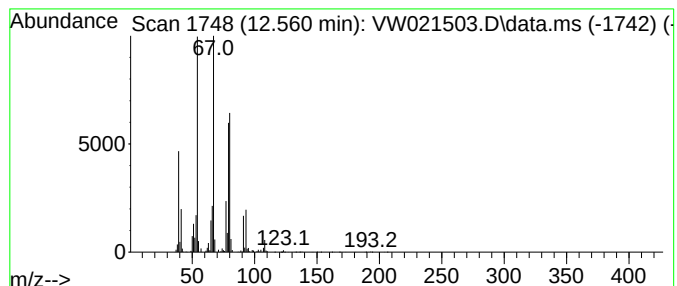
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Quant Title : SFAM01.0

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

Peak Number 9 1,5-Cyclooctadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.560	60.87 ug/L	1220730	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Cyclooctadiene	108	C8H12	000111-78-4	94
2			Platinum, bis[(1,2,5,6-.eta.)-1,...	411	C16H24Pt	012130-66-4	86
3			1,5-Cyclooctadiene	108	C8H12	000111-78-4	83
4			1,5-Cyclooctadiene	108	C8H12	000111-78-4	83
5			1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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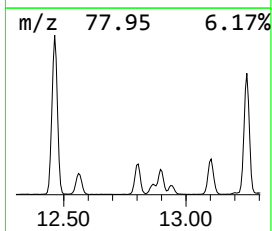
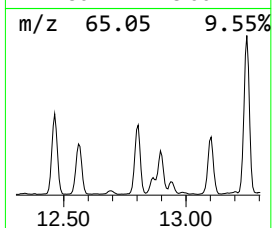
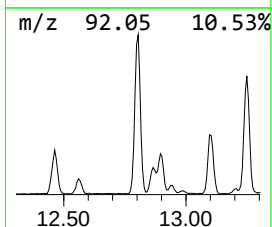
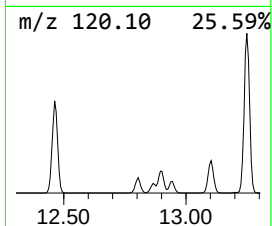
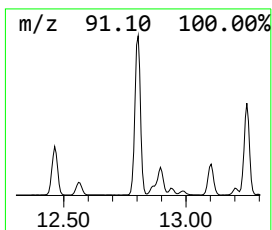
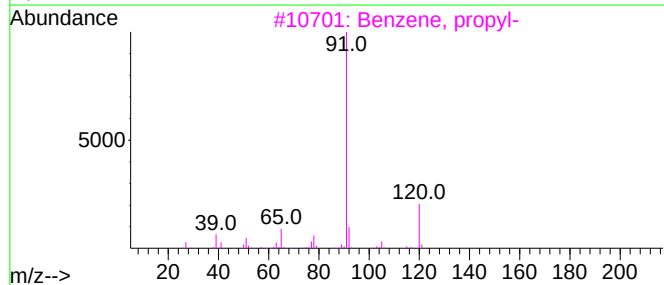
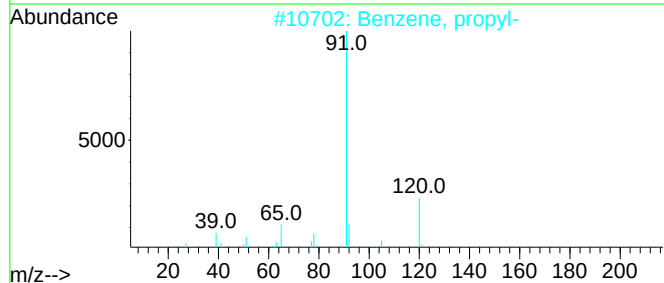
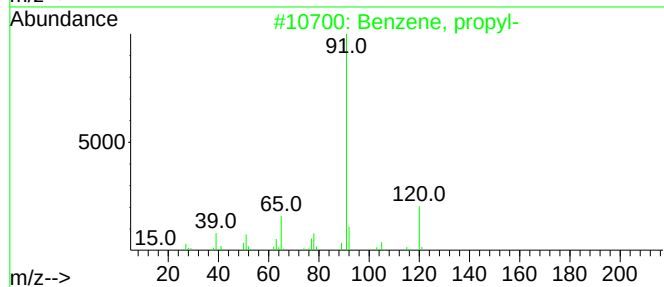
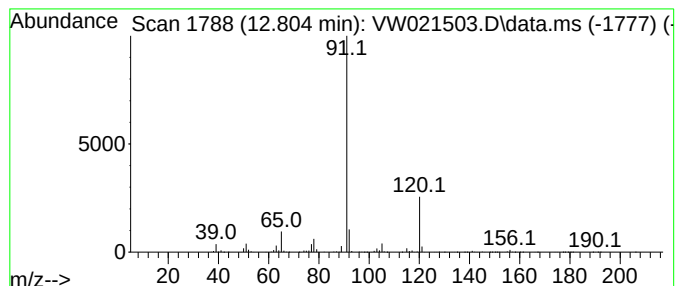
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.804	9.25 ug/L	908322	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	91
2			Benzene, propyl-	120	C9H12	000103-65-1	91
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			Benzene, propyl-	120	C9H12	000103-65-1	90
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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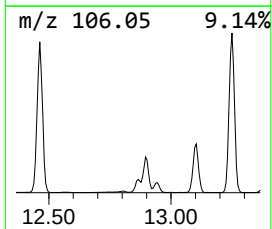
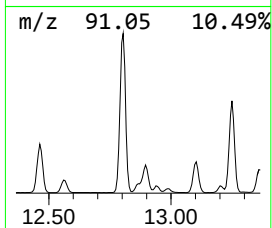
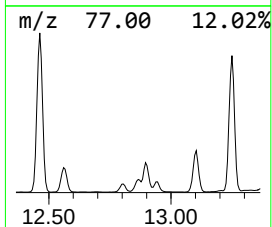
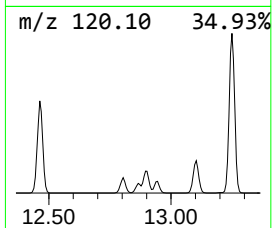
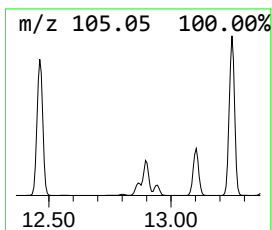
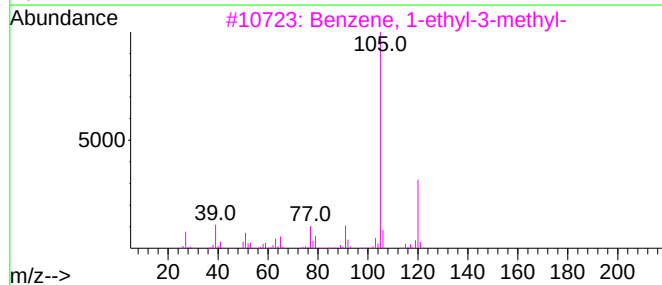
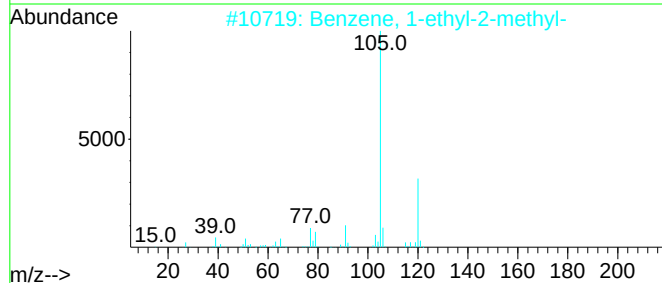
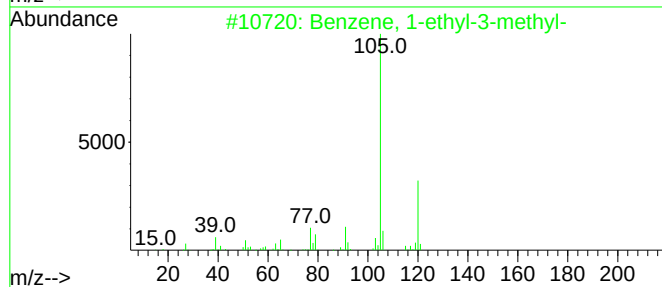
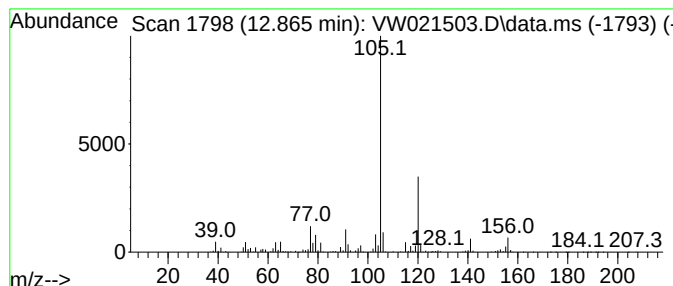
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	5.73 ug/L	562074	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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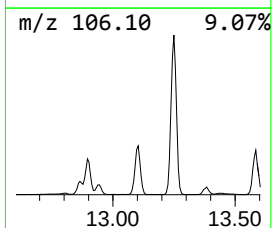
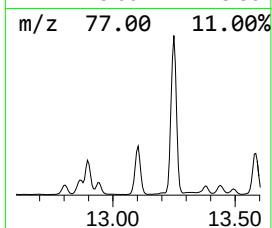
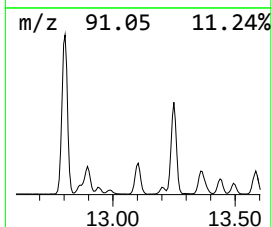
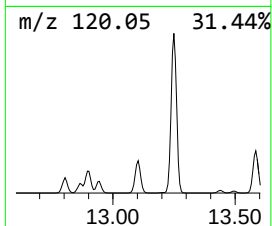
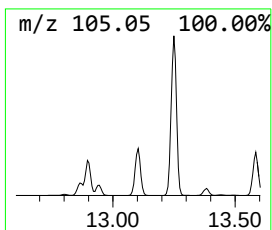
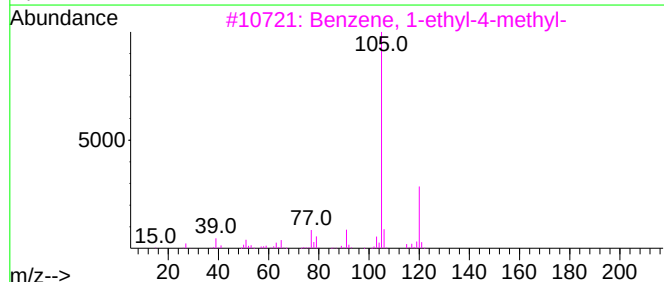
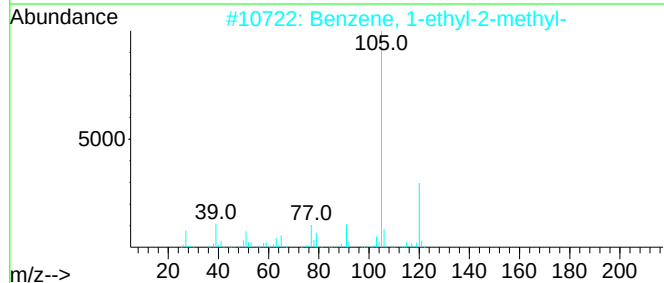
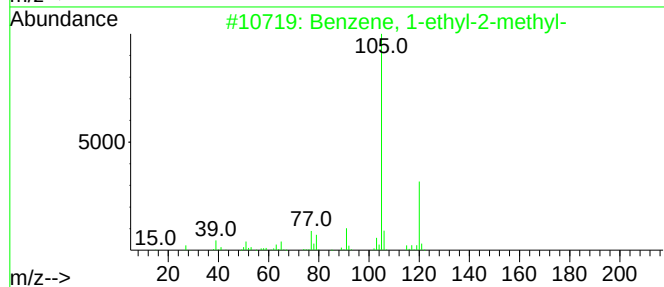
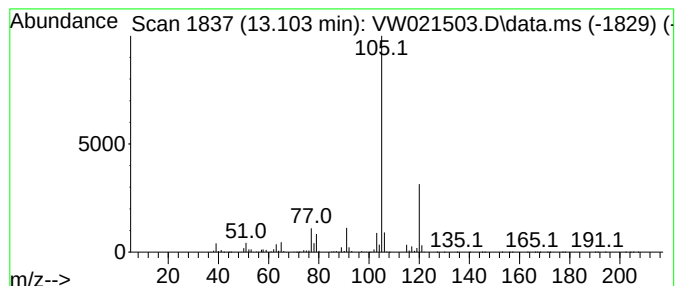
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	18.15 ug/L	1781650	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

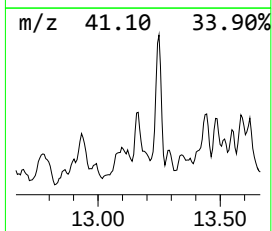
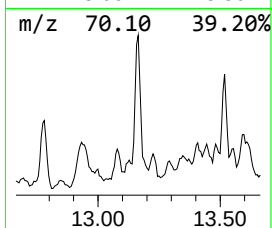
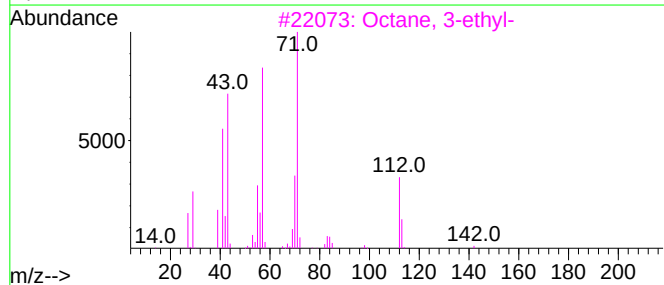
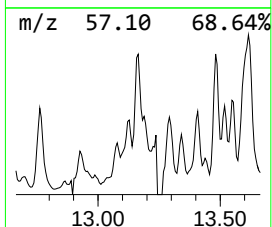
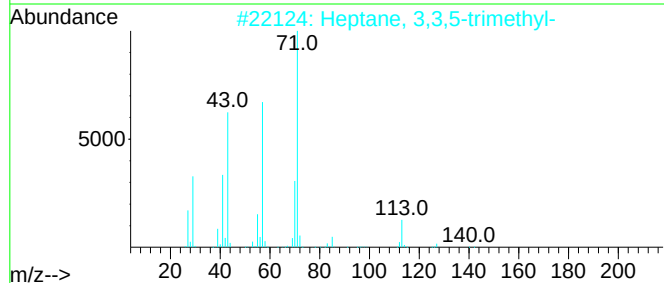
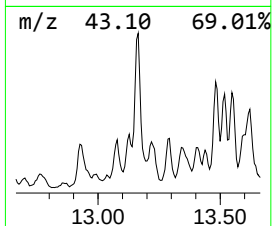
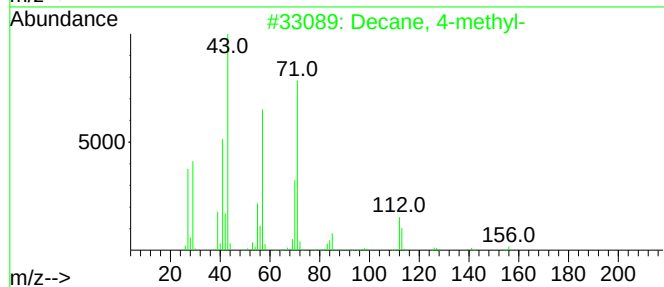
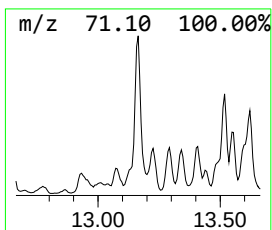
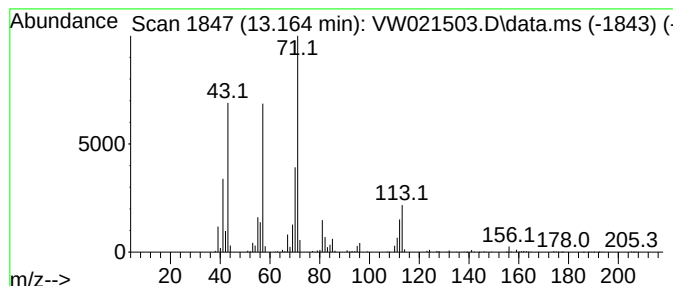
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	1.94 ug/L	190219	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	72
2			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	59
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

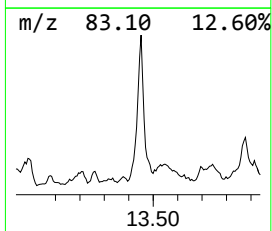
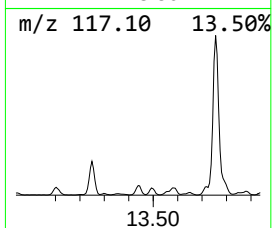
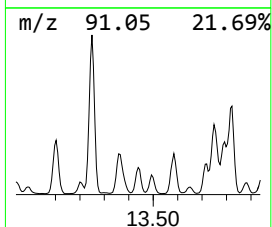
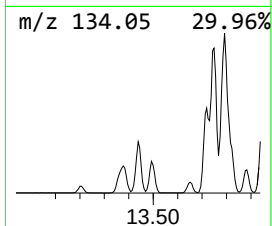
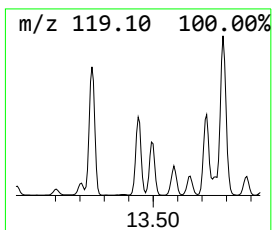
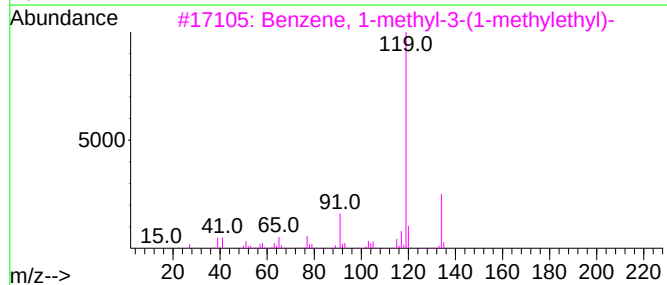
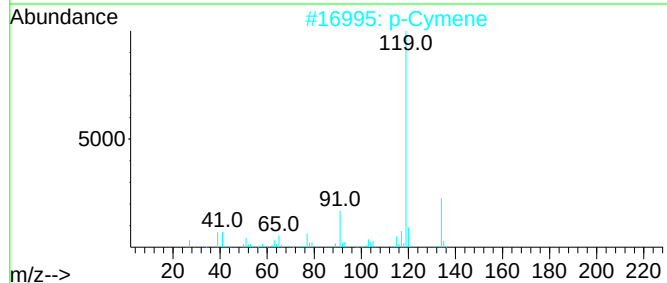
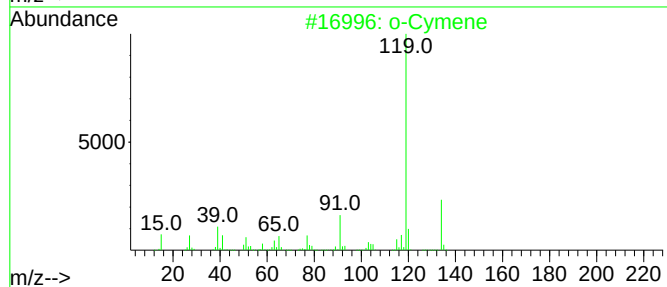
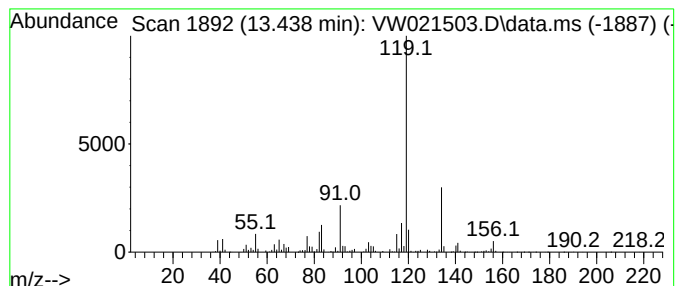
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Quant Title : SFAM01.0

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

Peak Number 14 o-Cymene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.438	5.65 ug/L	555015	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			p-Cymene	134	C10H14	000099-87-6	95
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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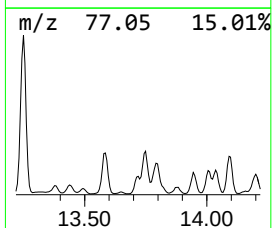
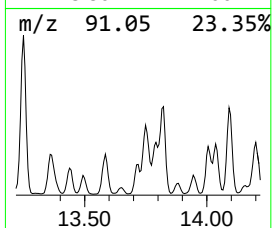
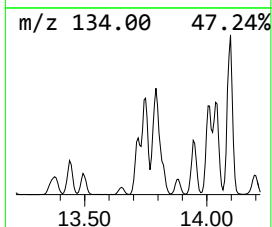
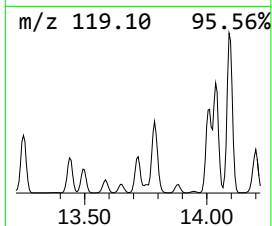
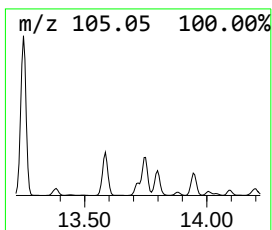
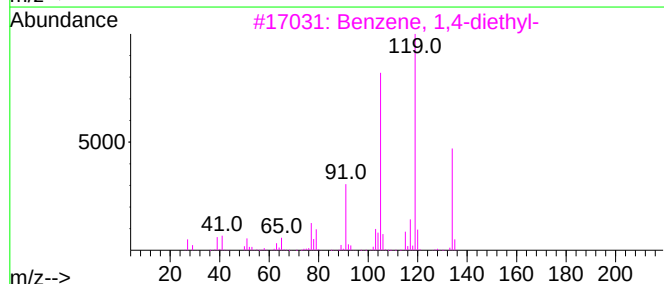
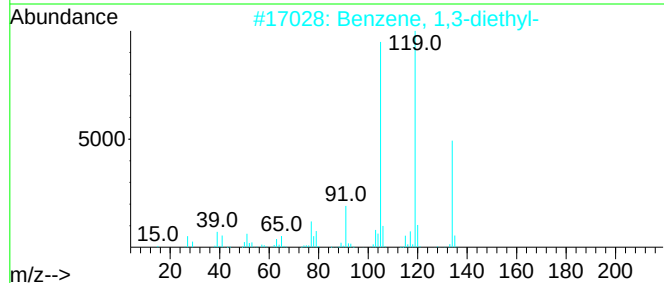
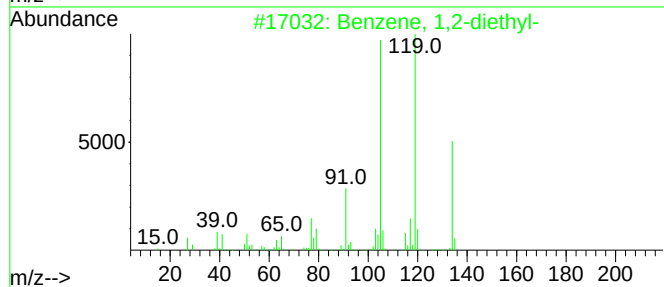
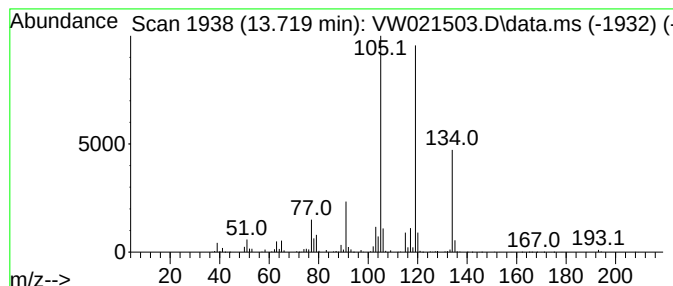
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.719	6.99 ug/L	686267	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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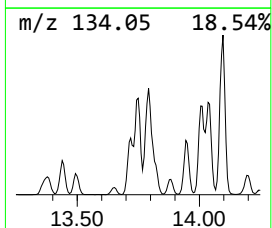
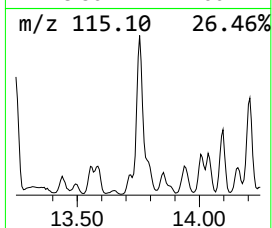
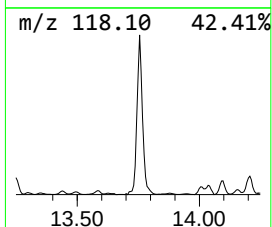
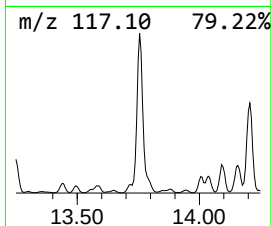
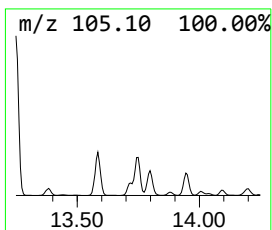
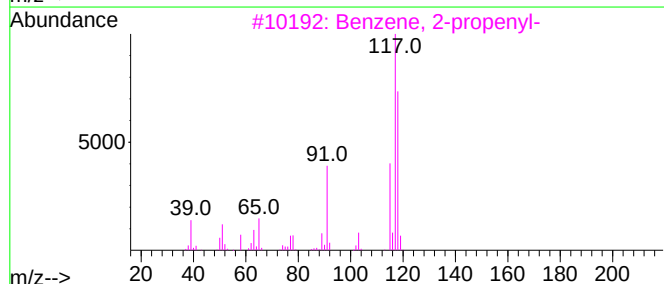
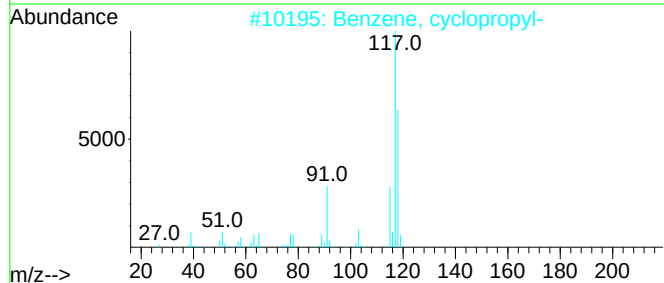
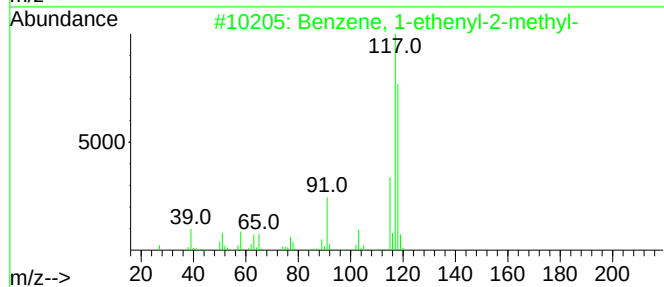
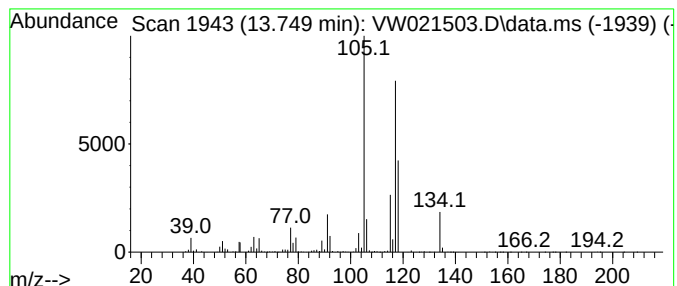
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	25.75 ug/L	2527660	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
4			Indane	118	C9H10	000496-11-7	58
5			Indane	118	C9H10	000496-11-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

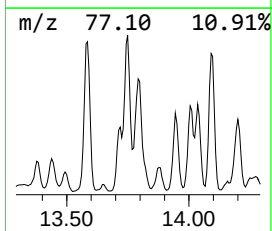
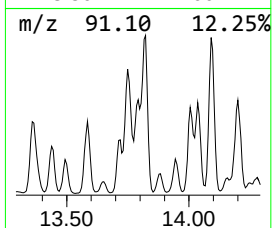
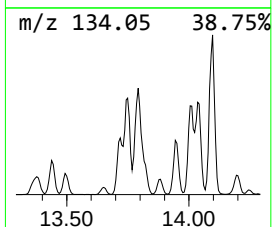
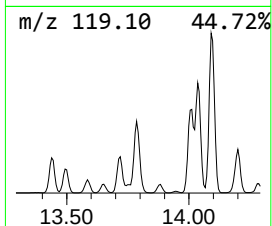
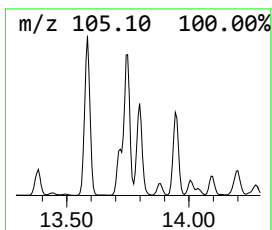
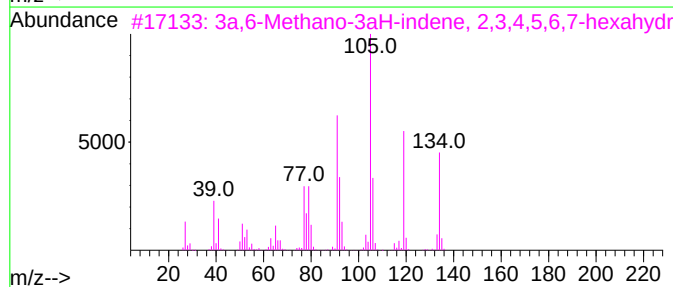
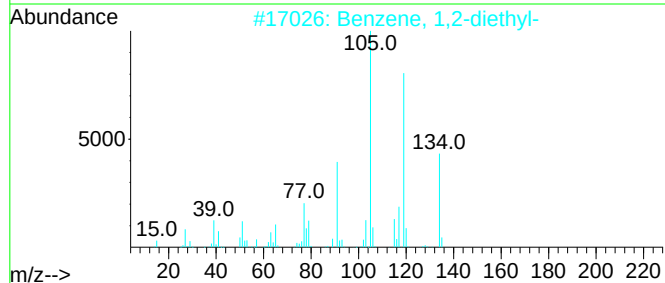
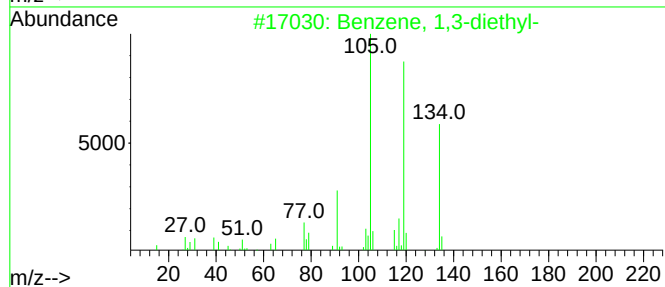
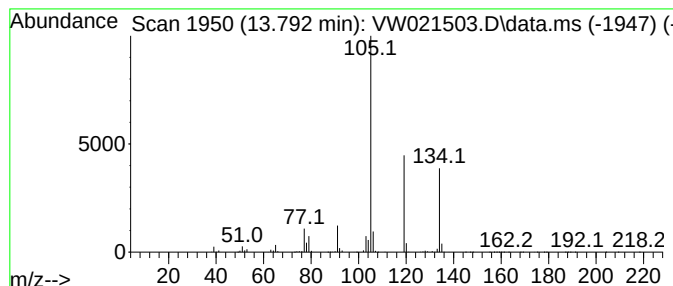
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	16.52 ug/L	1621610	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	78
3			3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	72
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
5			2-Tolylloxirane	134	C9H10O	002783-26-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

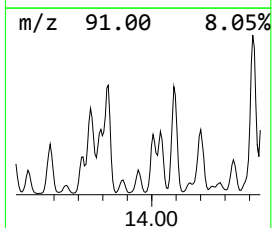
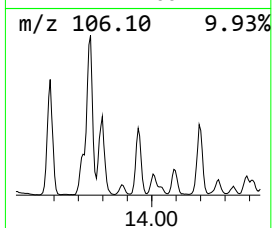
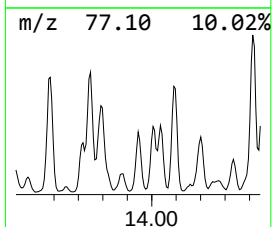
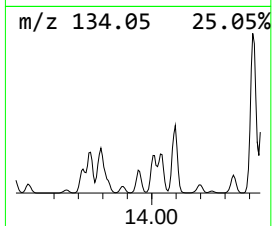
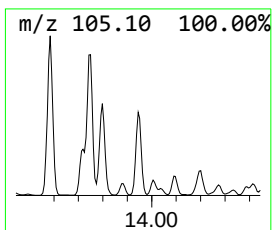
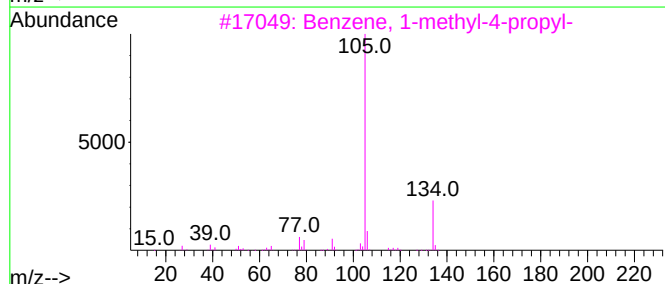
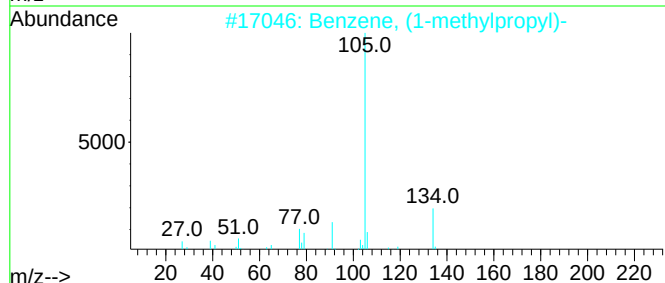
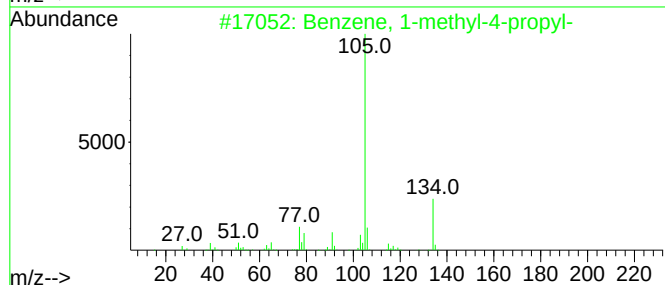
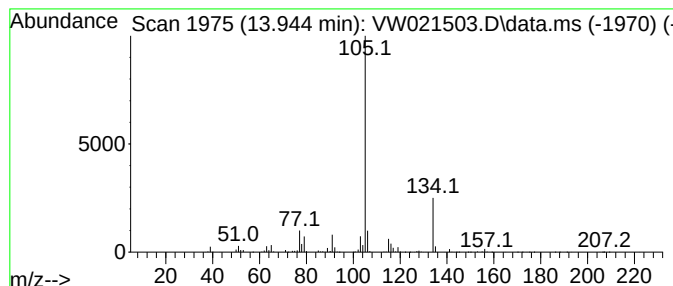
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MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.944	8.34 ug/L	818382	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-		134	C10H14	001074-55-1	94
2	Benzene, (1-methylpropyl)-		134	C10H14	000135-98-8	87
3	Benzene, 1-methyl-4-propyl-		134	C10H14	001074-55-1	87
4	Benzene, 1-methyl-4-propyl-		134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-2-propyl-		134	C10H14	001074-17-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

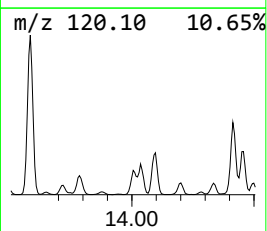
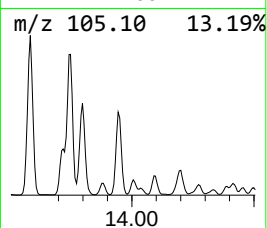
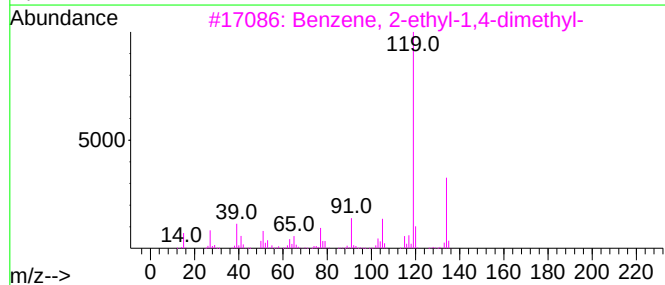
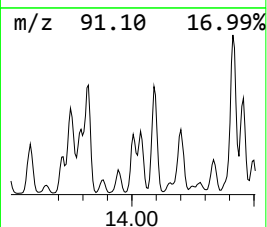
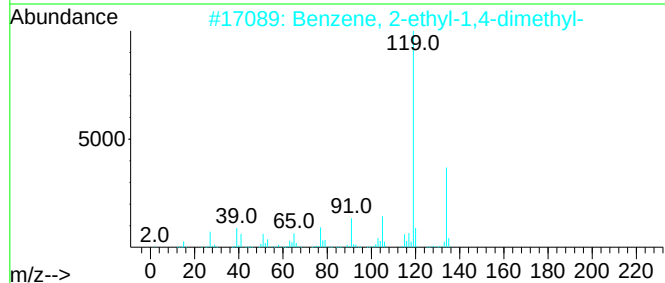
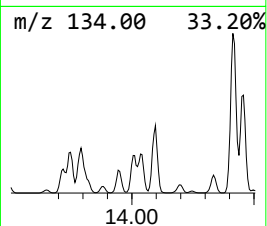
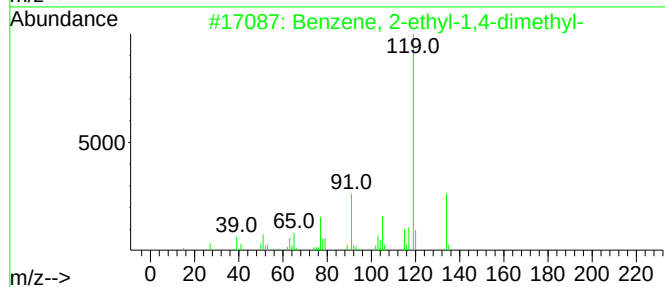
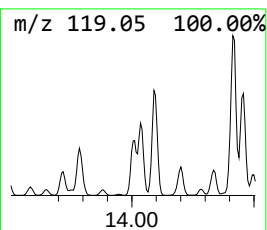
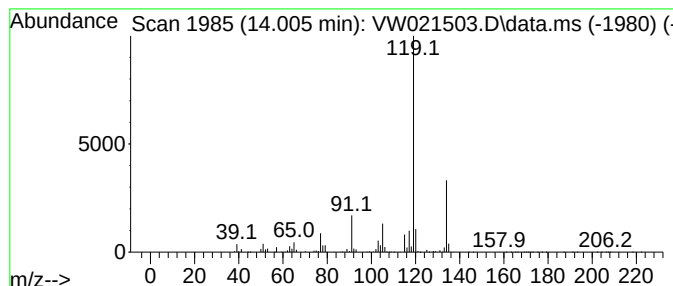
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	13.02 ug/L	1278030	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

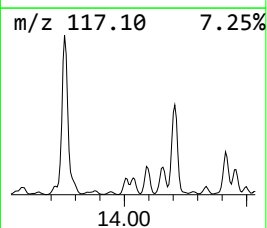
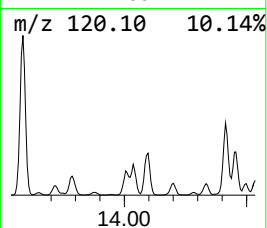
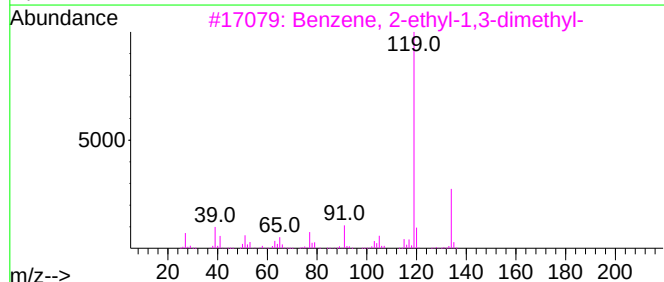
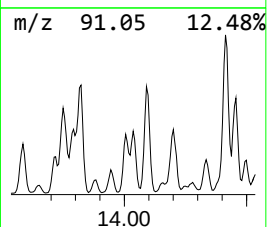
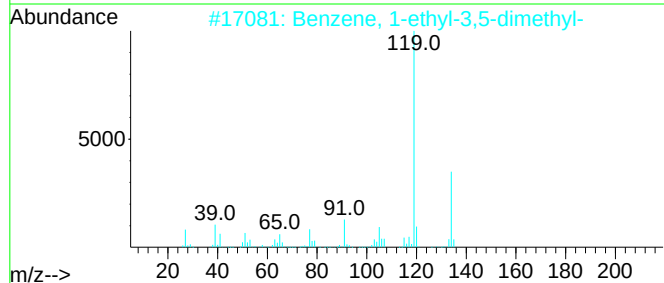
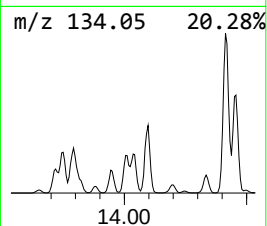
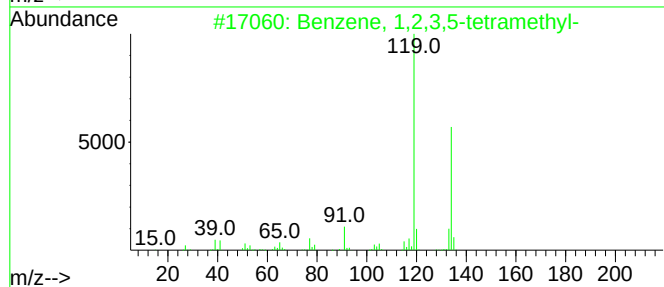
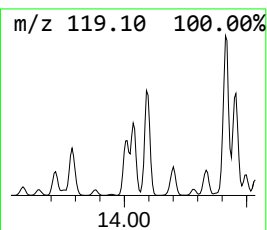
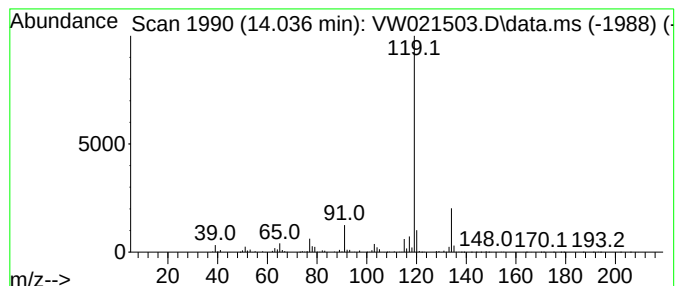
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Quant Title : SFAM01.0

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

Peak Number 20 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	11.31 ug/L	1110510	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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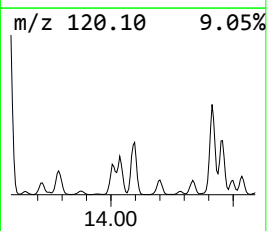
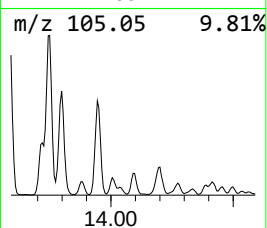
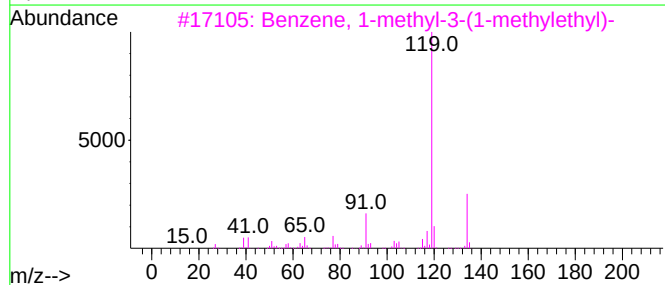
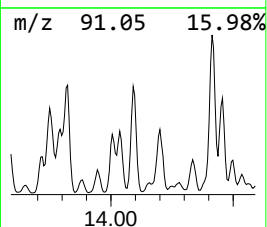
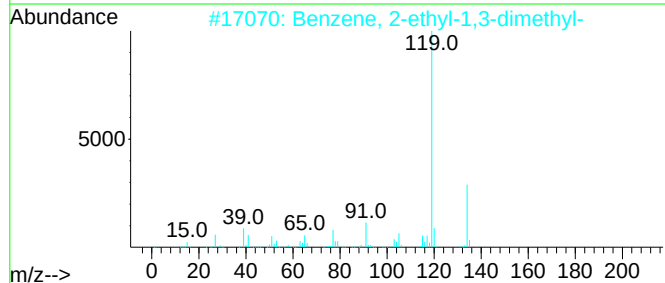
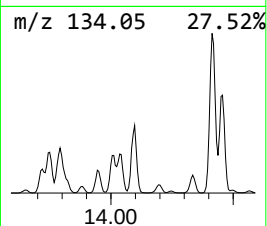
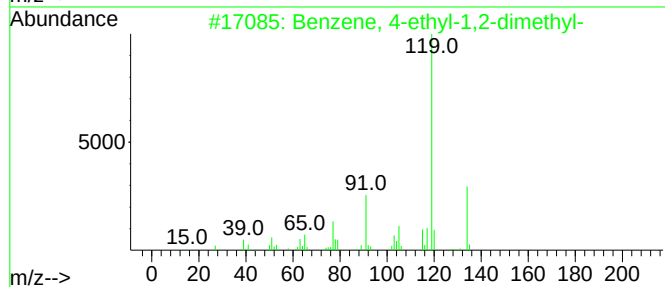
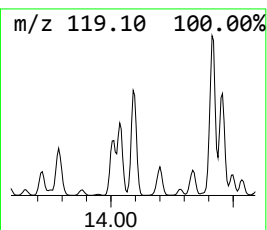
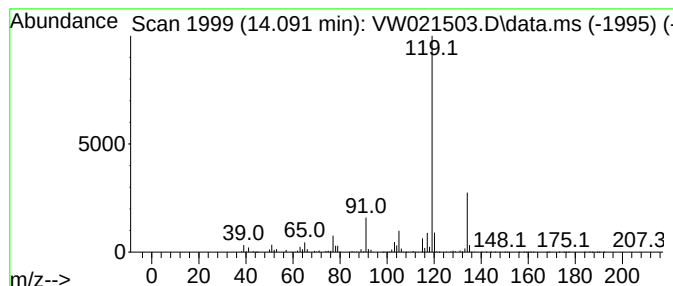
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	19.77 ug/L	1940220	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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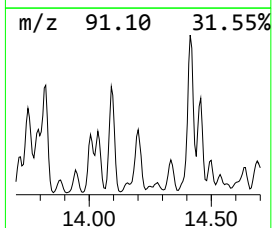
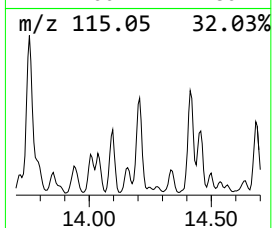
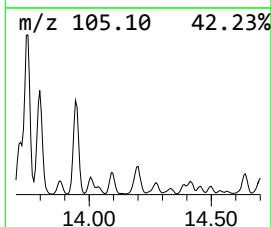
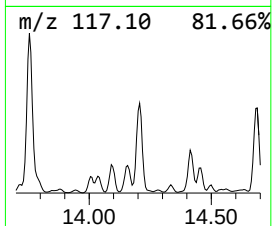
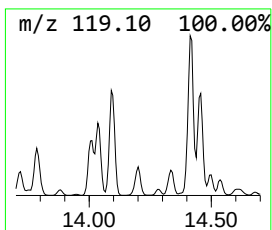
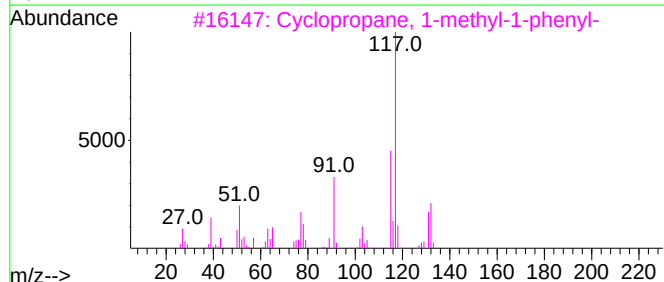
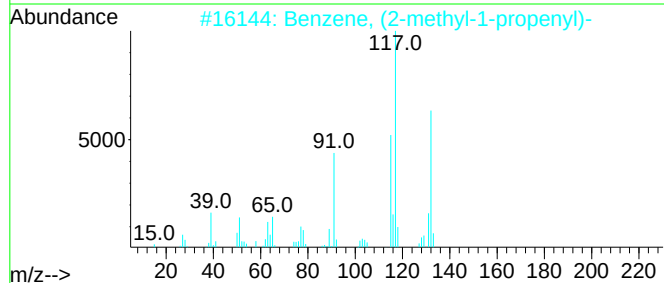
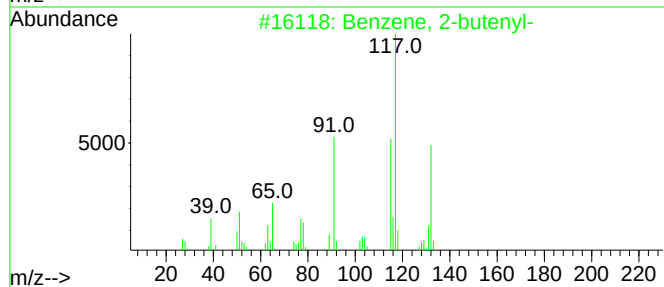
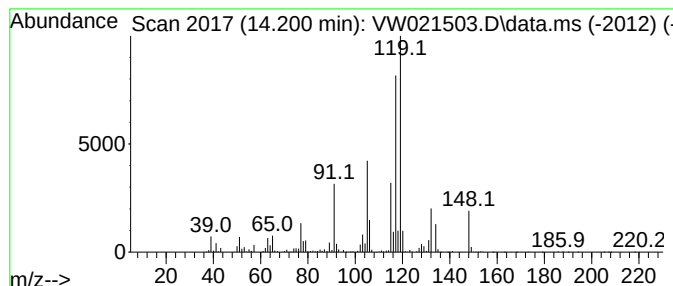
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Quant Title : SFAM01.0

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

Peak Number 22 Benzene, 2-butenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	12.09 ug/L	1186800	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	50
3			Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	50
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	50
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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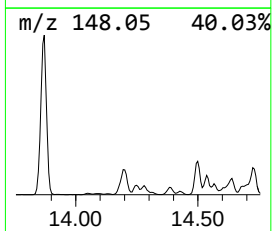
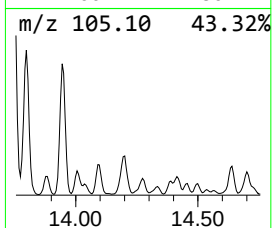
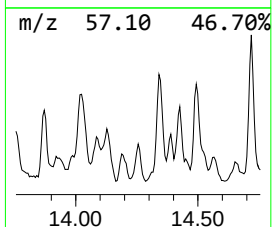
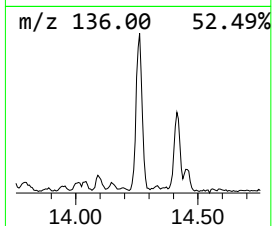
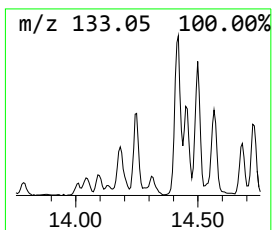
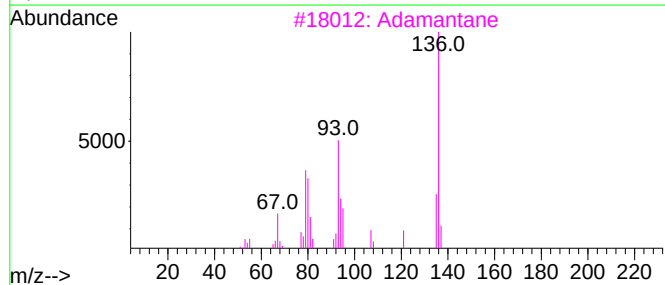
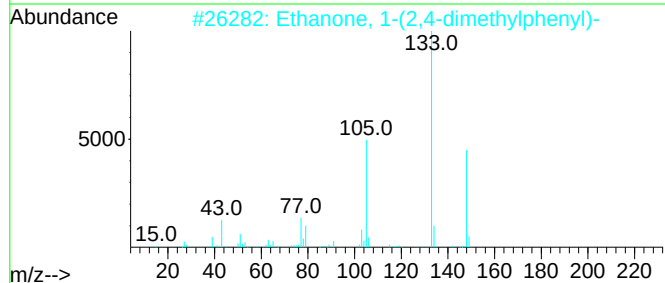
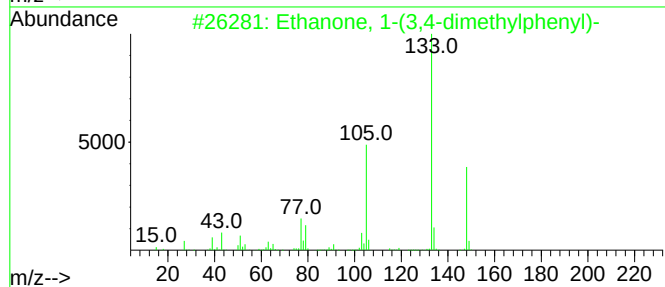
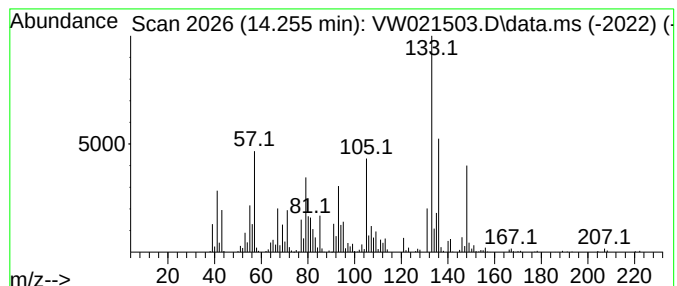
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Quant Title : SFAM01.0

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

Peak Number 23 unknown-01 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	3.39 ug/L	333243	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	49
2		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	49
3		Adamantane	136	C10H16	000281-23-2	47
4		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	46
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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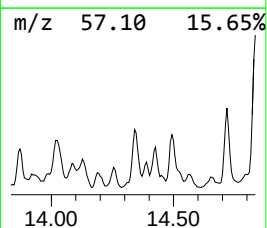
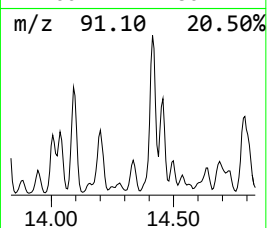
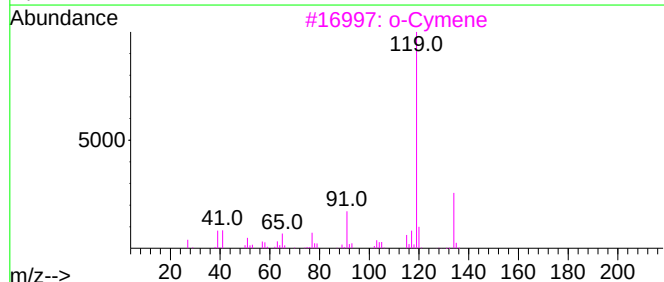
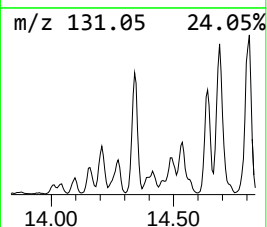
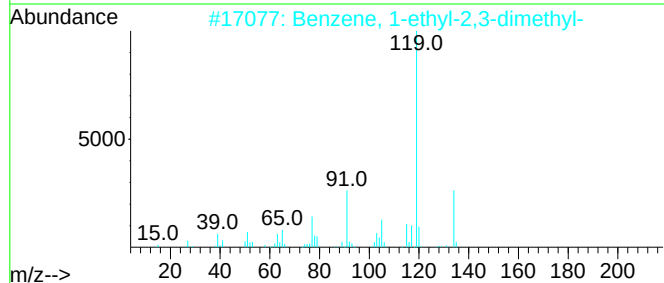
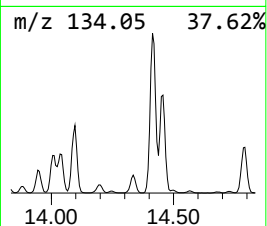
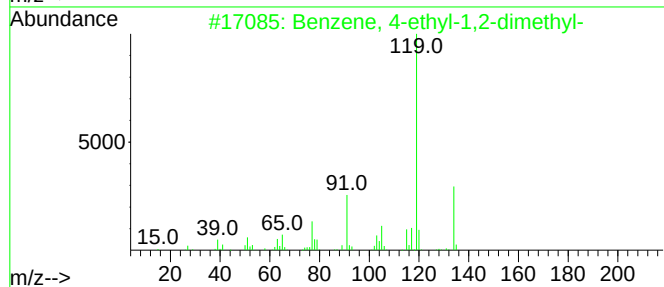
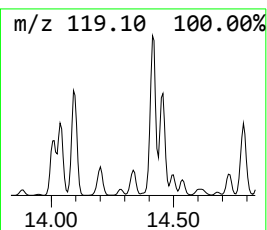
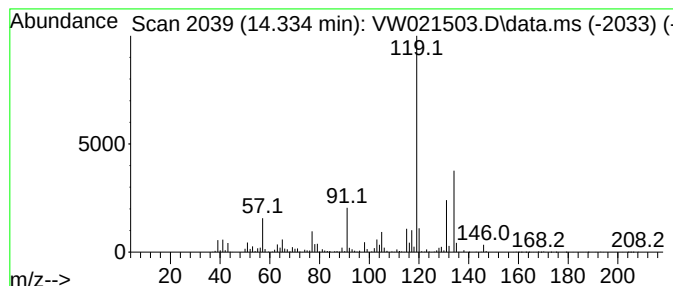
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Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.335	7.19 ug/L	705559	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			o-Cymene	134	C10H14	000527-84-4	94
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5			o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

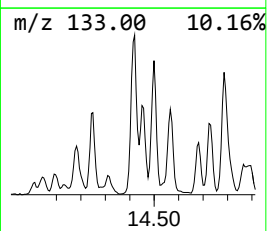
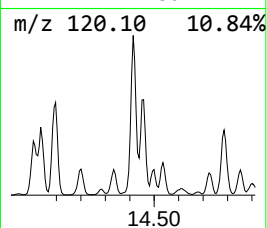
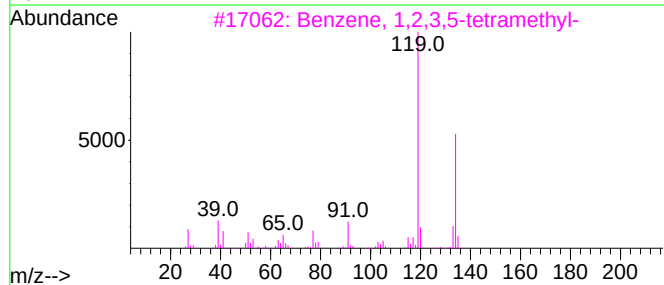
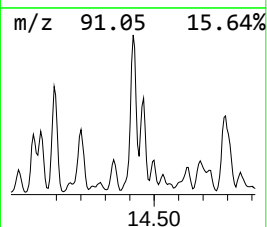
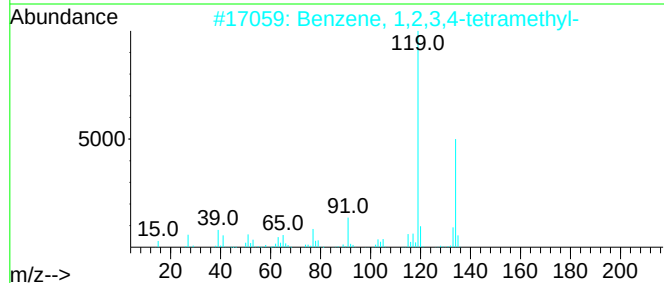
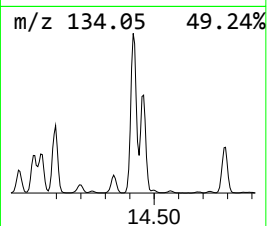
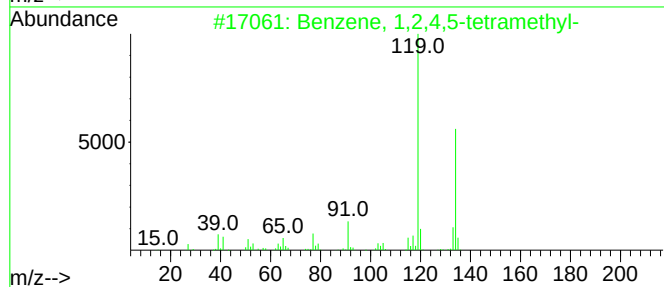
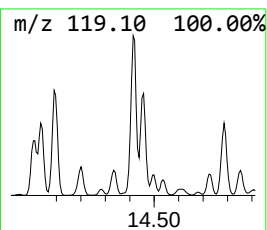
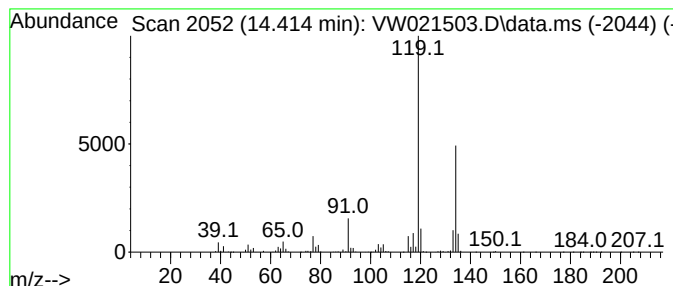
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	38.20 ug/L	3749900	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

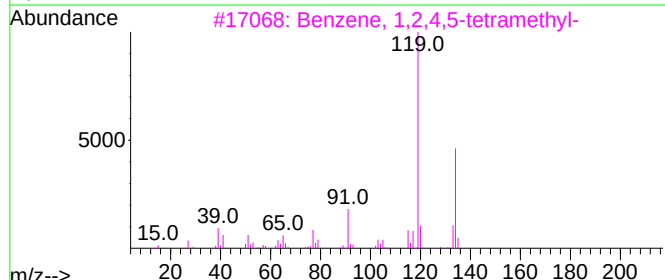
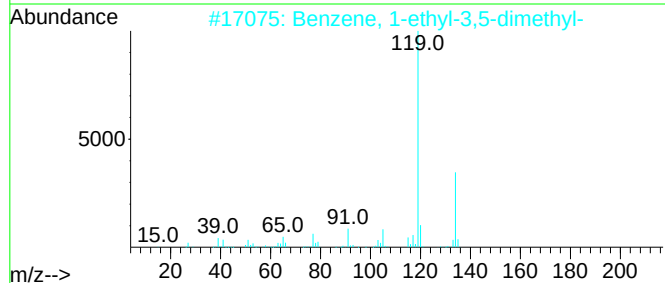
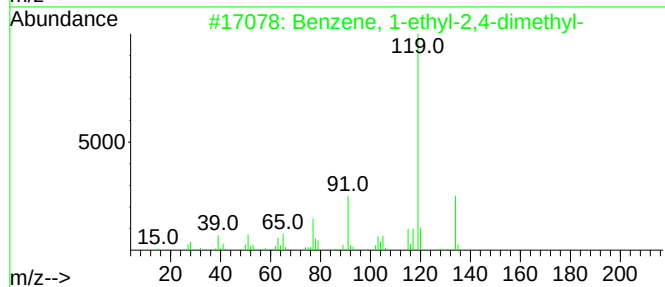
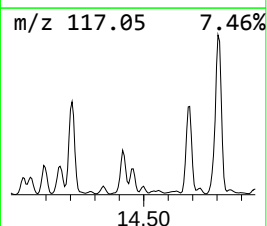
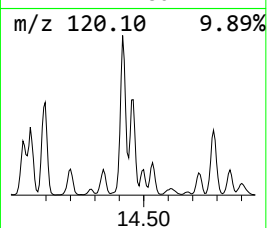
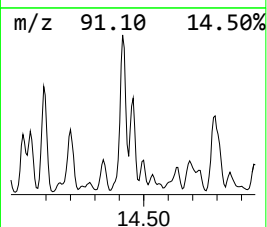
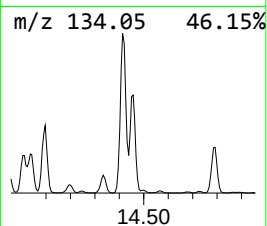
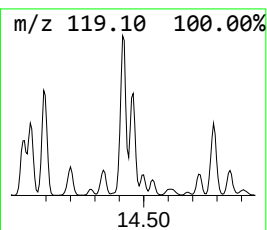
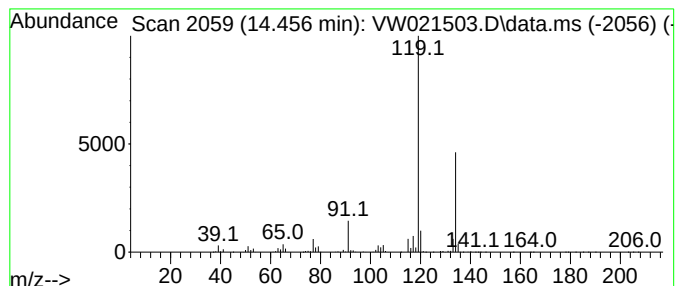
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Quant Title : SFAM01.0

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

Peak Number 26 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.456	17.58 ug/L	1725330	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

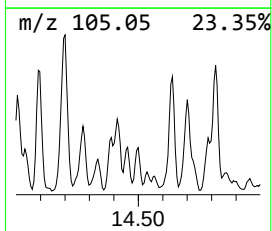
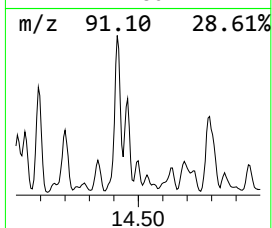
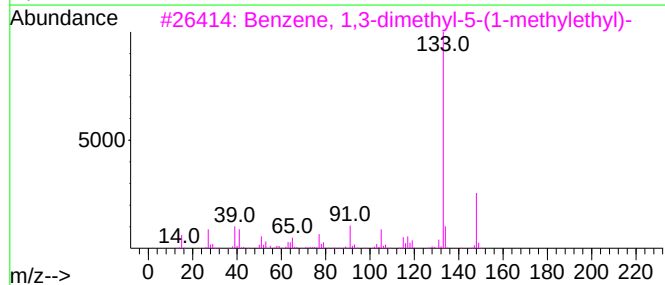
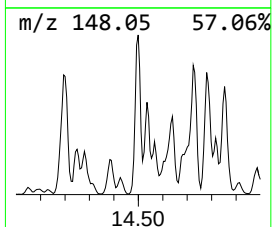
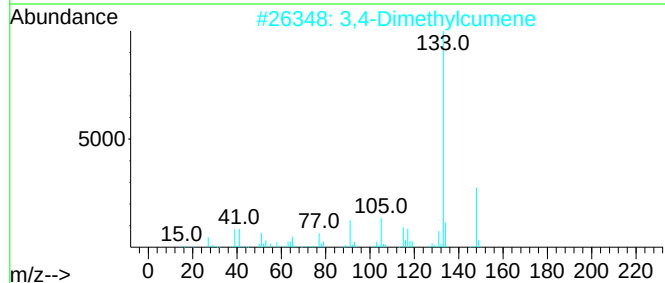
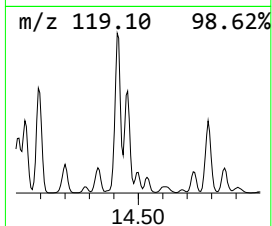
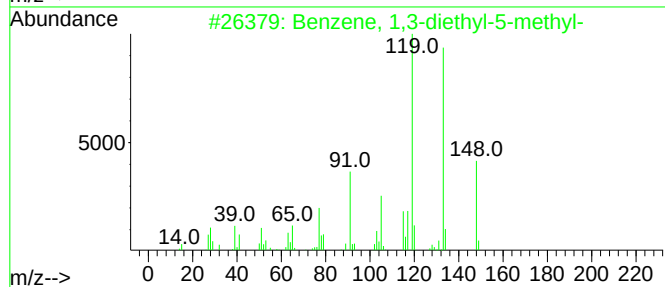
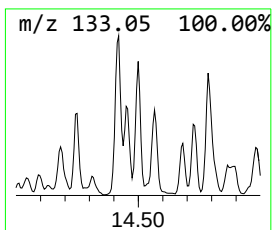
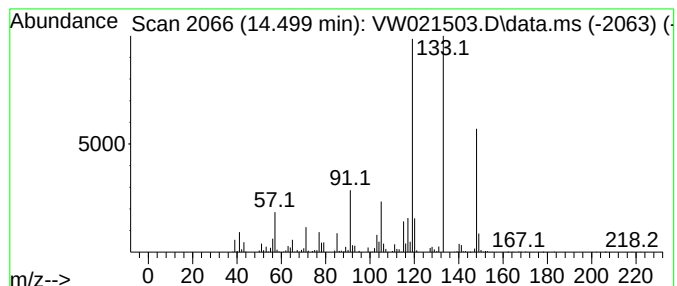
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Quant Title : SFAM01.0

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

Peak Number 27 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	5.63 ug/L	553014	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
2			3,4-Dimethylcumene	148	C11H16	1000370-34-1	60
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	52
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	49
5			2-tert-Butyltoluene	148	C11H16	001074-92-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

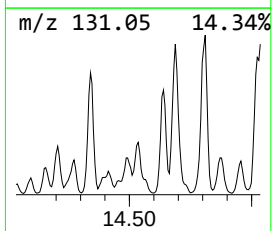
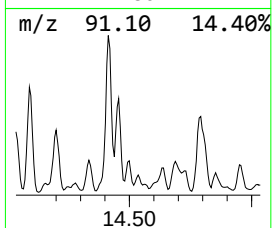
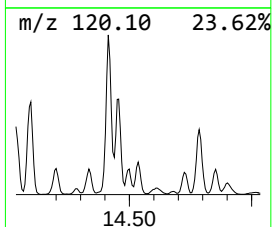
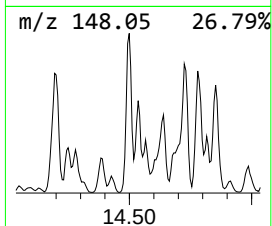
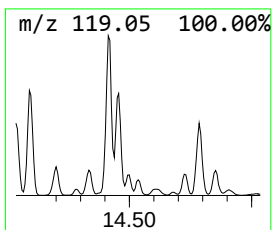
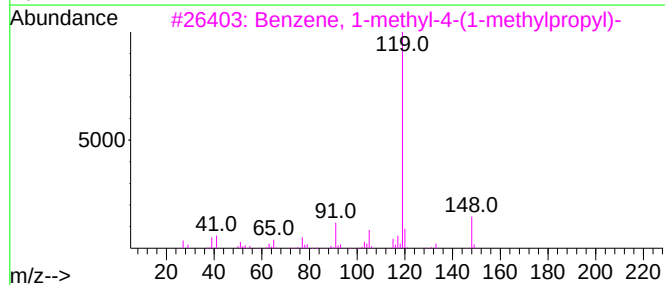
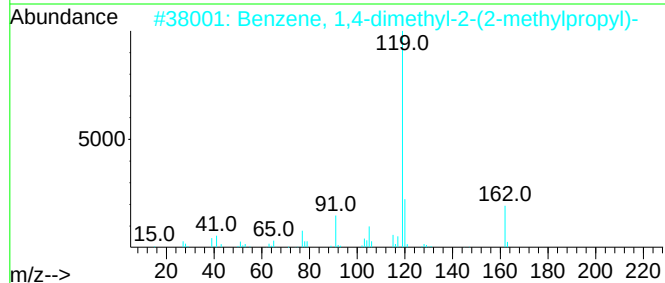
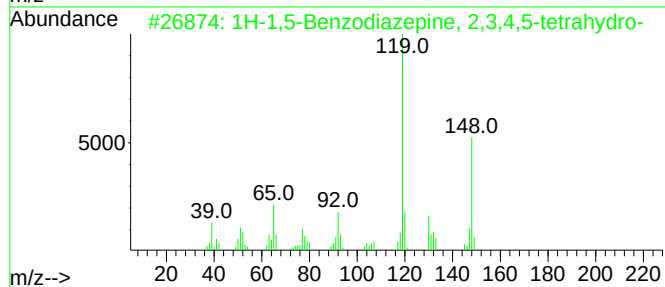
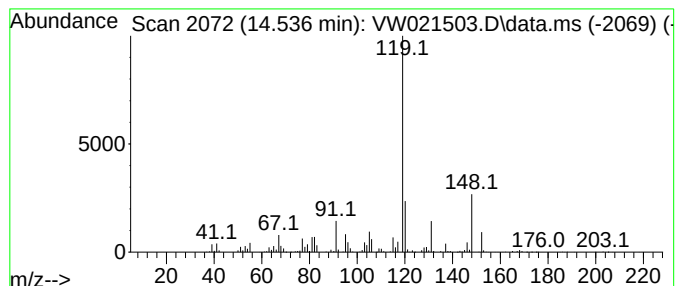
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 1H-1,5-Benzodiazepine, 2,3,... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.536	4.28 ug/L	419761	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	64
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	62
3	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	50
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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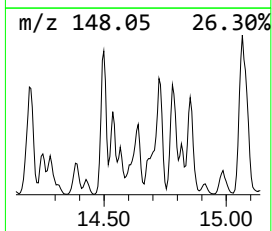
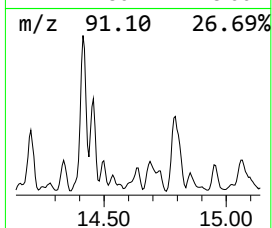
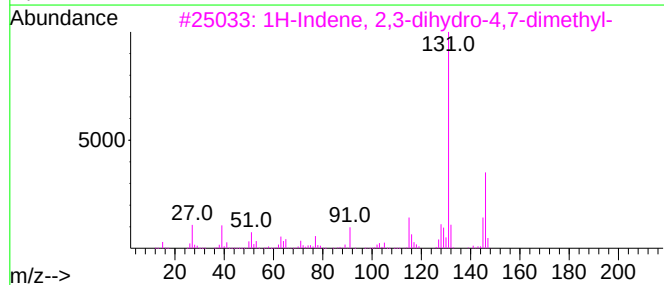
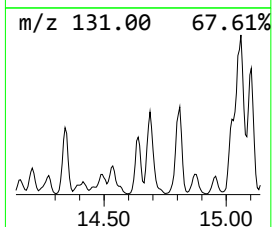
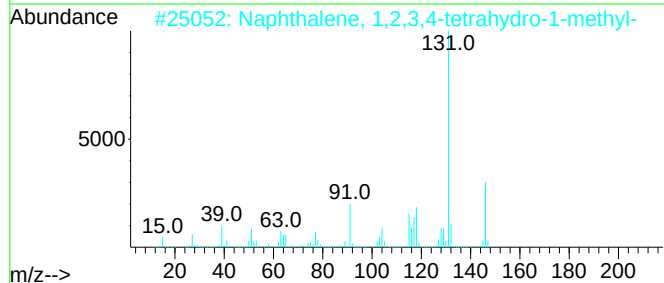
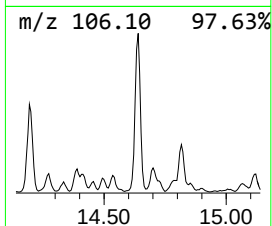
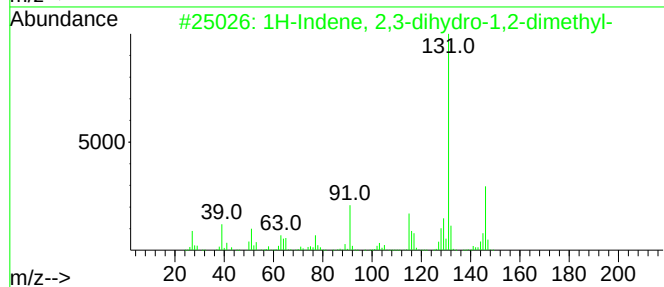
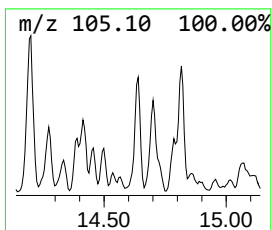
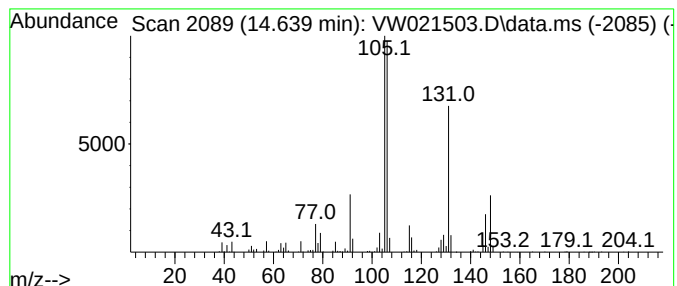
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Quant Title : SFAM01.0

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

Peak Number 29 unknown-02 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	2.70 ug/L	265508	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	42
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	42
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	42
4			Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	42
5			Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

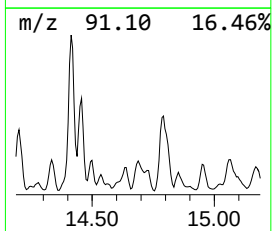
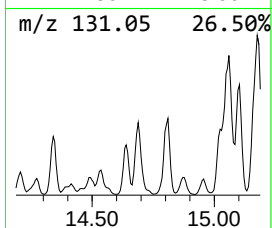
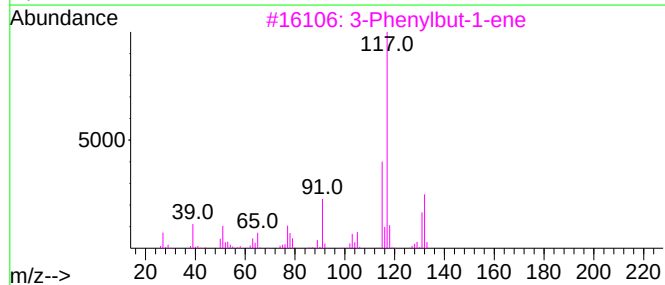
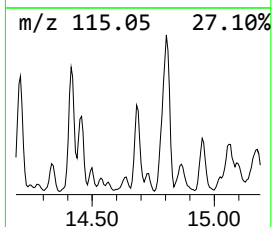
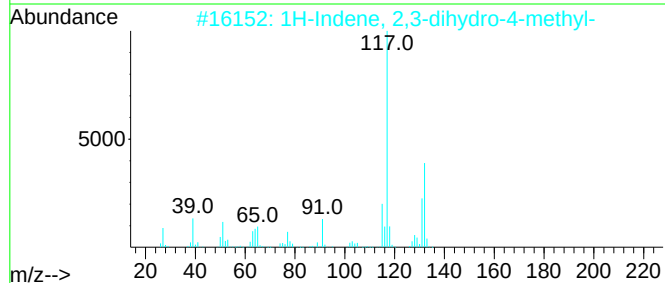
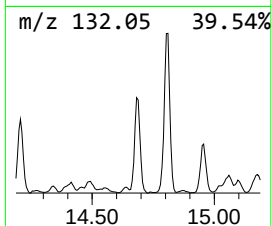
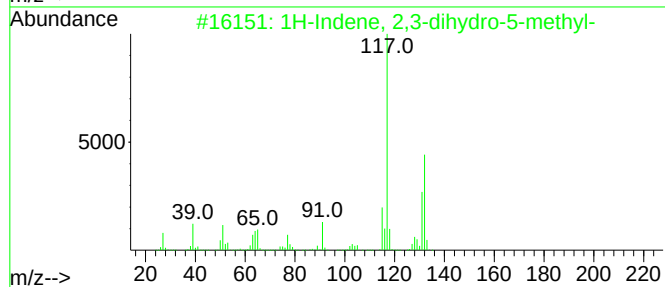
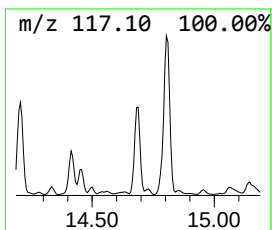
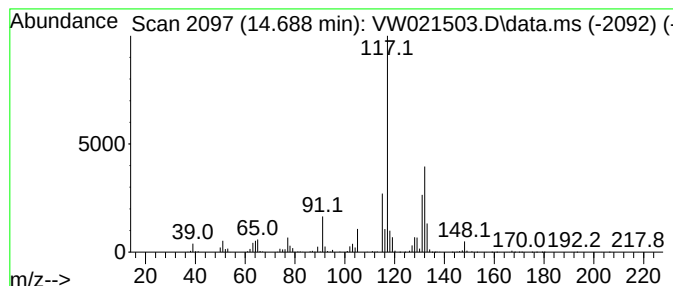
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Quant Title : SFAM01.0

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

Peak Number 30 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	7.59 ug/L	744571	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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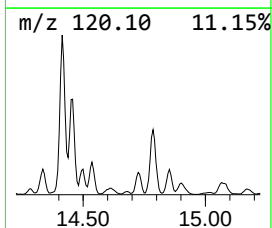
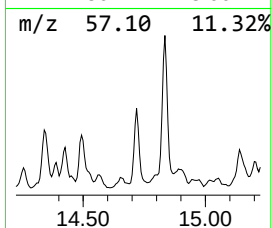
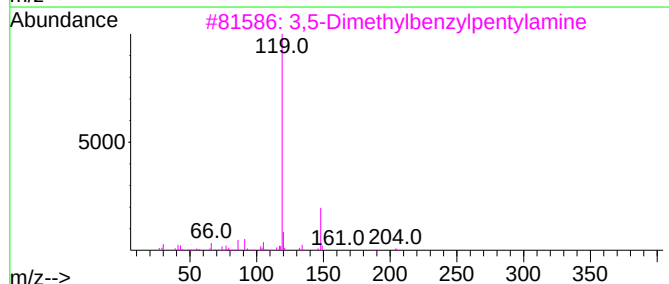
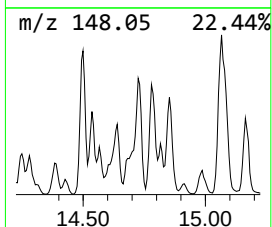
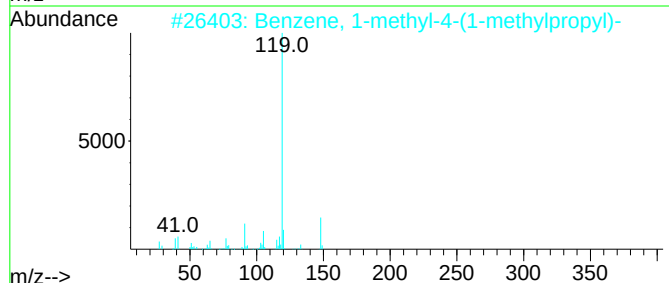
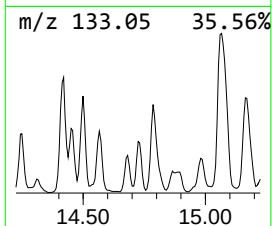
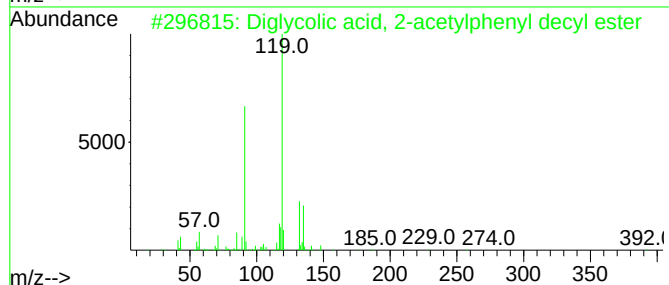
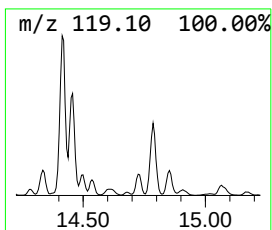
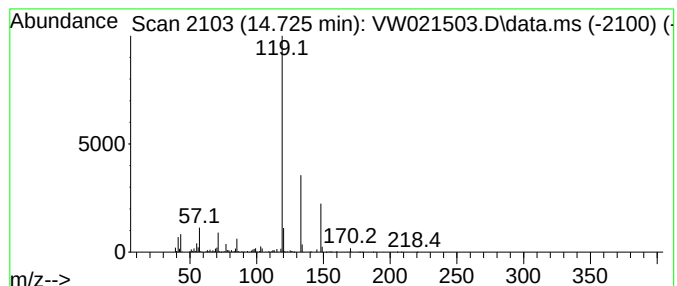
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Quant Title : SFAM01.0

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

Peak Number 31 Diglycolic acid, 2-acetylph... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.725	5.82 ug/L	571282	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diglycolic acid, 2-acetylphenyl ...	392	C22H32O6	1000382-72-6	59
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3			3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	53
4			Diglycolic acid, 2-acetylphenyl ...	378	C21H30O6	1000382-72-5	45
5			Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

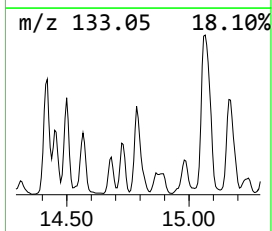
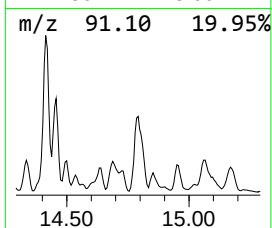
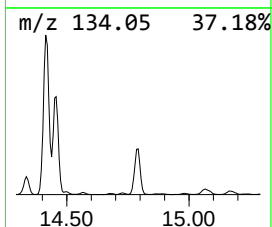
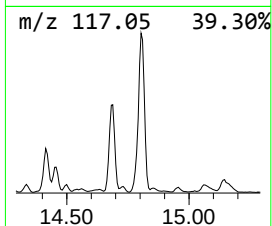
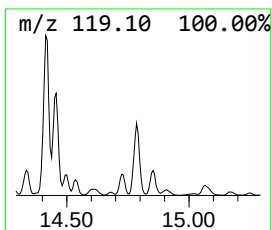
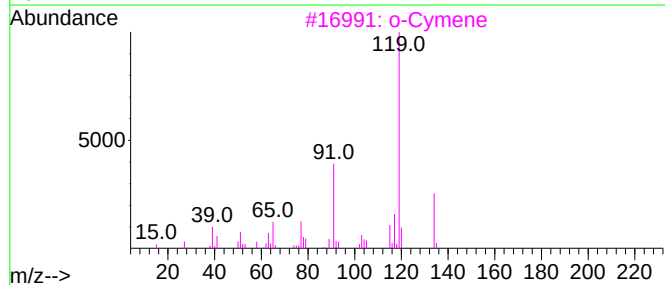
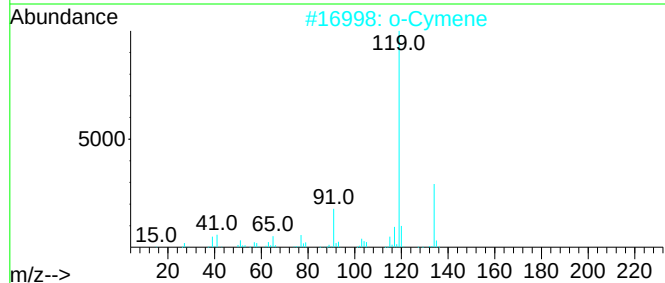
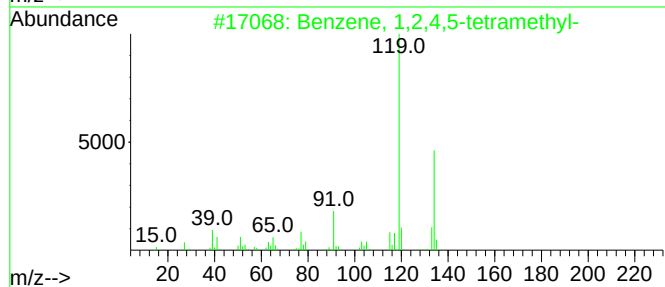
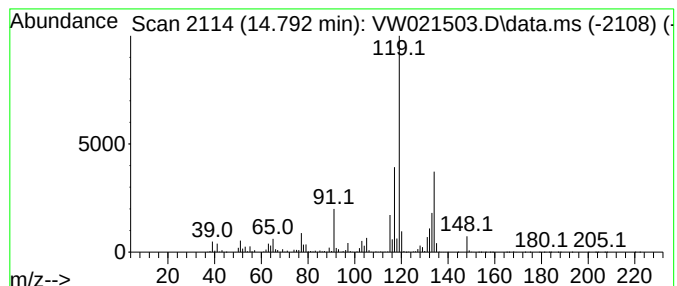
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Quant Title : SFAM01.0

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

Peak Number 32 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	29.89 ug/L	2934060	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
2			o-Cymene	134	C10H14	000527-84-4	64
3			o-Cymene	134	C10H14	000527-84-4	64
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	62
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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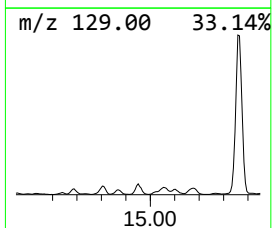
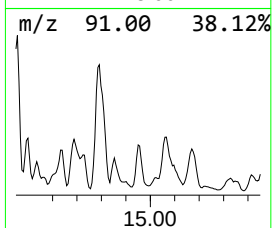
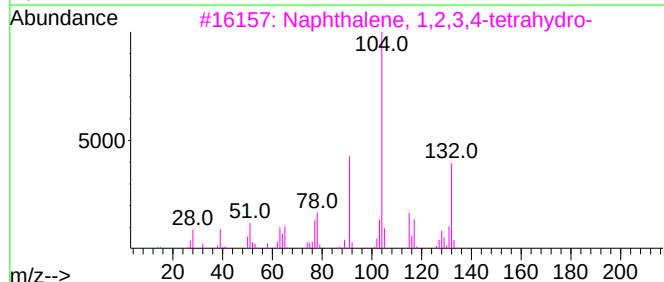
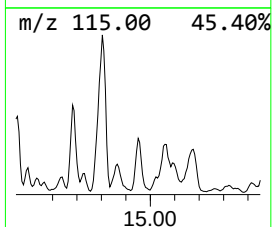
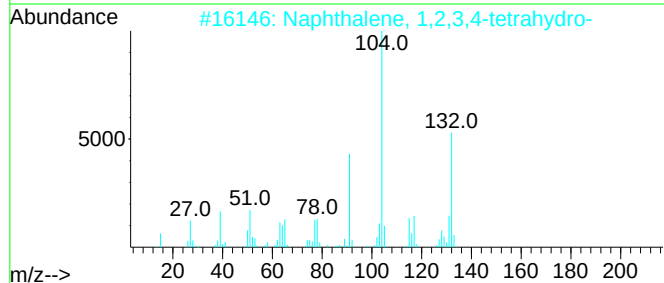
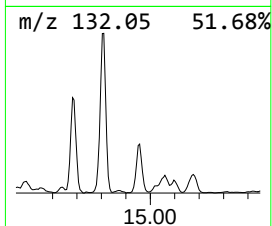
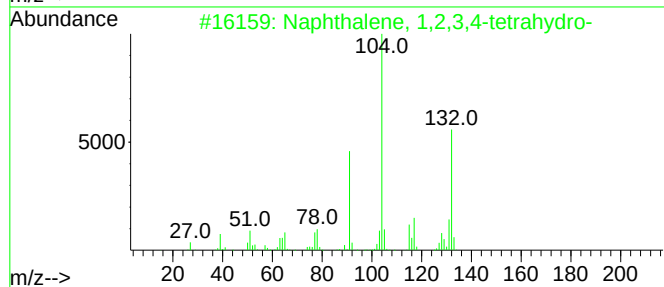
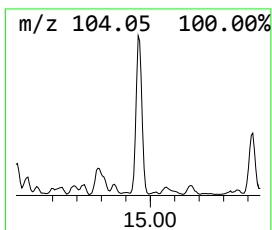
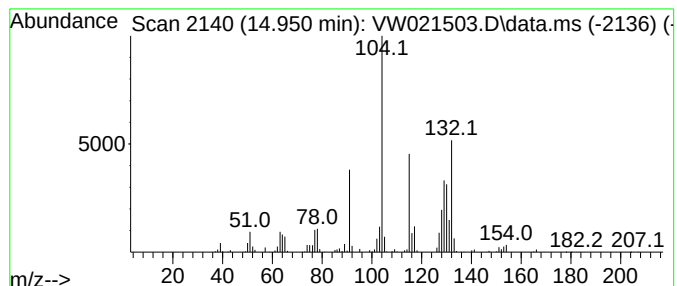
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Quant Title : SFAM01.0

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

Peak Number 33 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.950	3.69 ug/L	362050	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	86
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

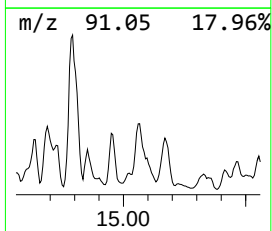
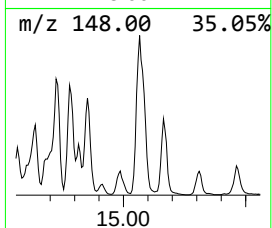
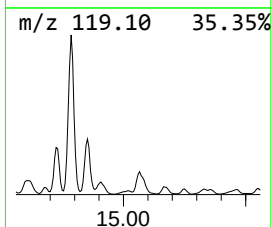
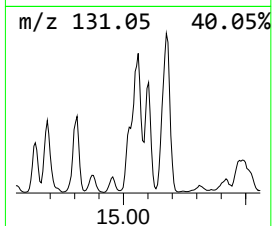
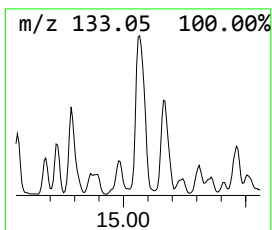
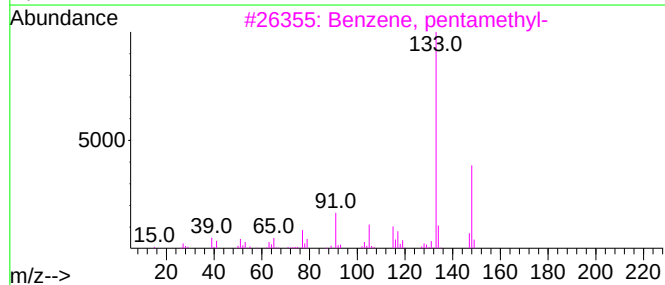
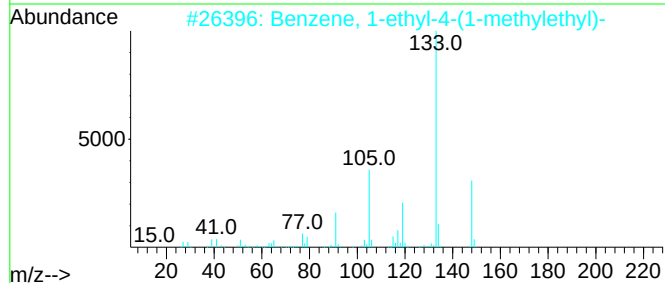
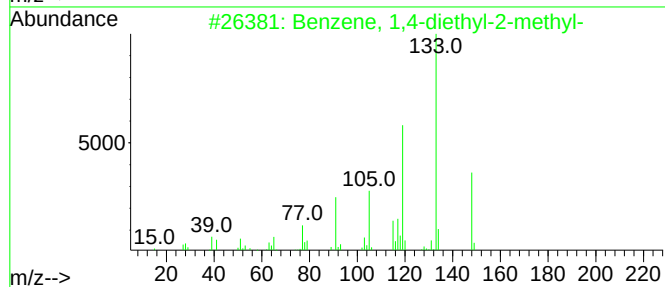
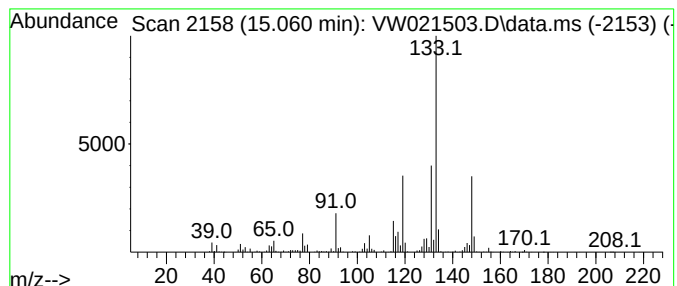
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Quant Title : SFAM01.0

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

Peak Number 34 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	12.69 ug/L	1245640	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	62
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	58
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	52
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

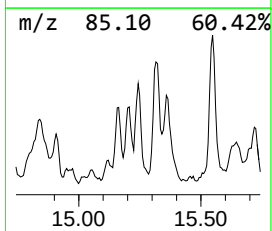
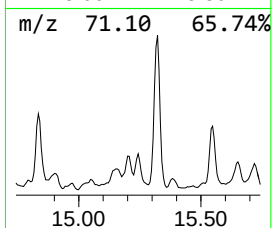
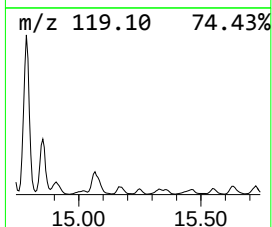
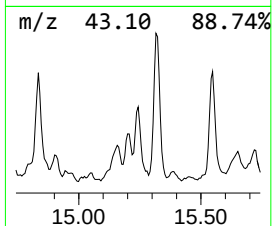
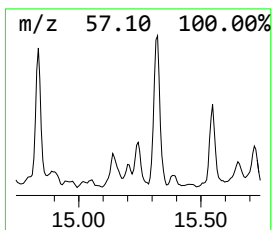
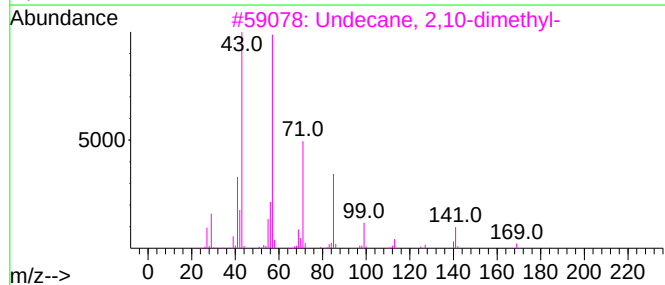
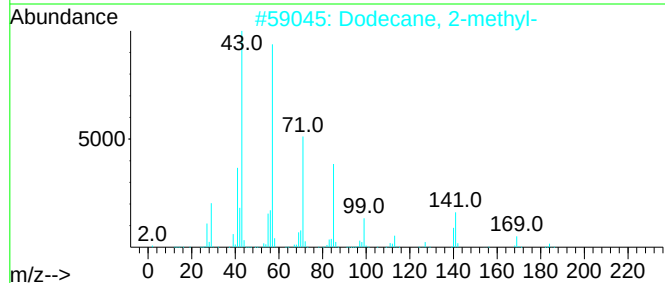
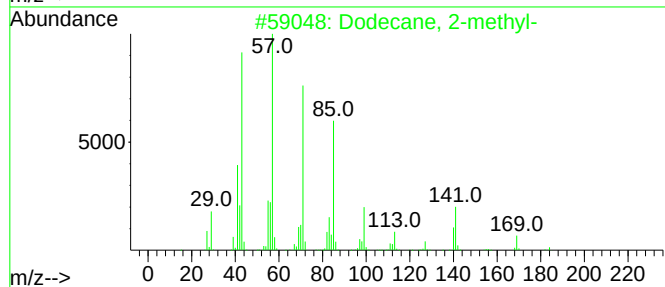
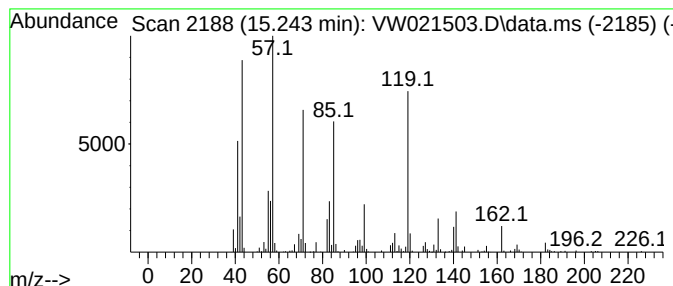
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Quant Title : SFAM01.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	3.08 ug/L	301887	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	50
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	42
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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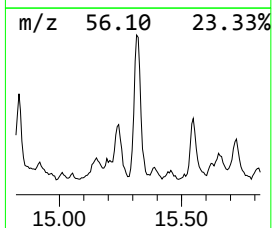
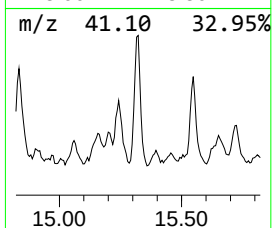
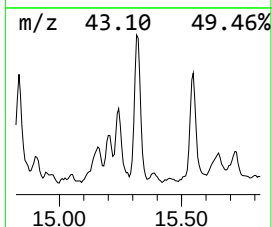
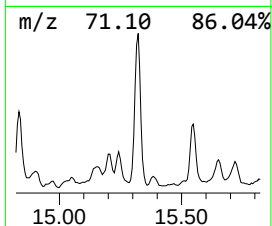
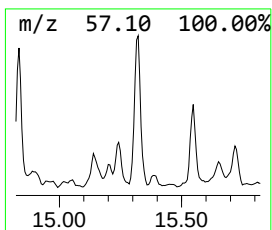
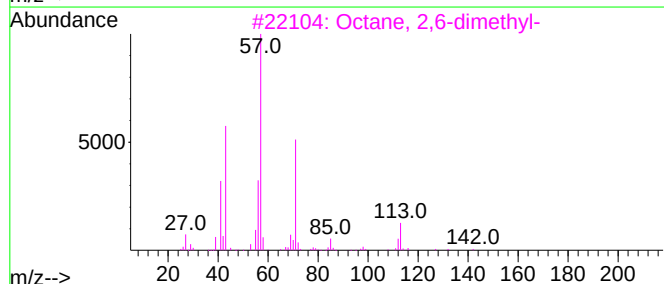
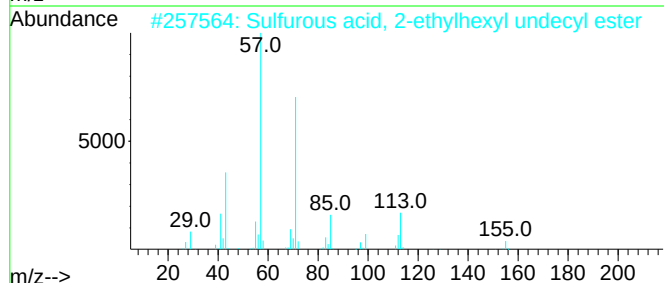
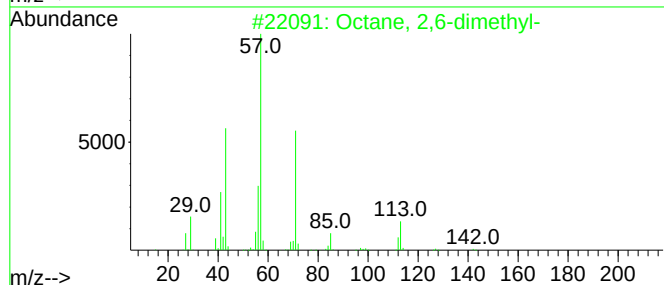
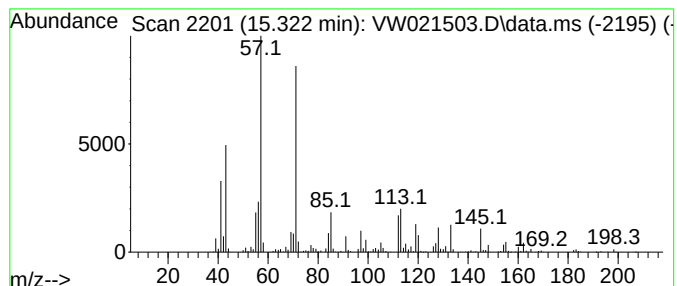
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	5.83 ug/L	572532	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	58
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

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

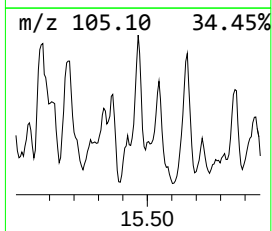
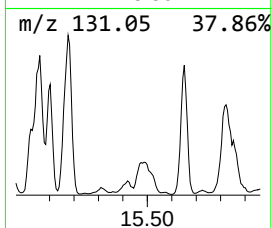
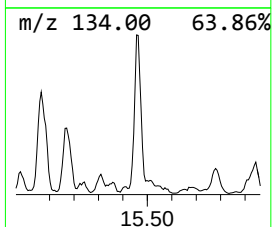
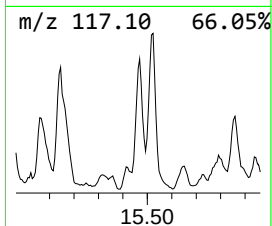
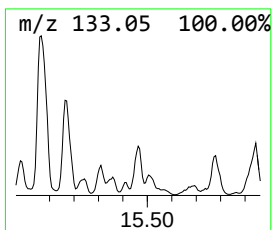
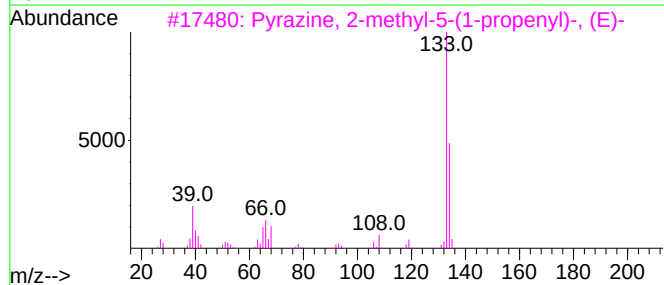
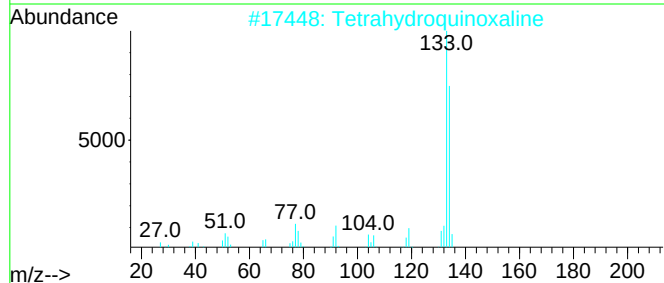
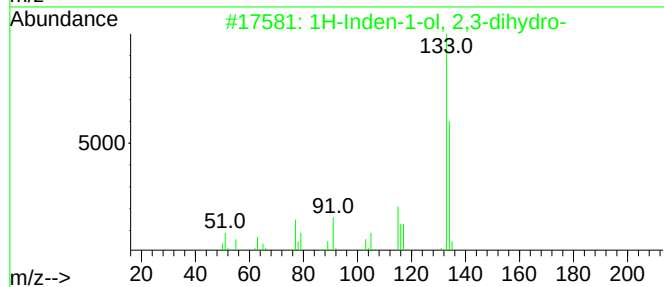
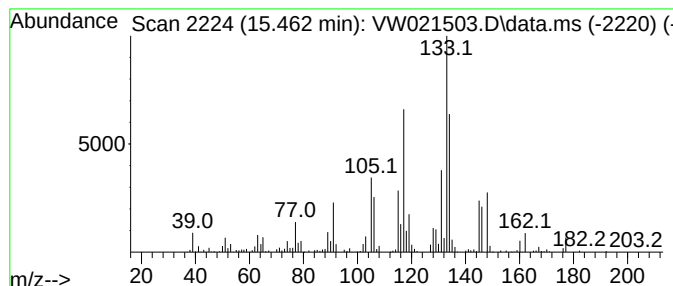
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 unknown-03

Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	2.98 ug/L	292646	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	46
2			Tetrahydroquinoxaline	134	C8H10N2	003476-89-9	43
3			Pyrazine, 2-methyl-5-(1-propenyl)-	134	C8H10N2	018217-82-8	38
4			1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	38
5			Pyrazine, 2-methyl-5-(1-propenyl)-	134	C8H10N2	018217-82-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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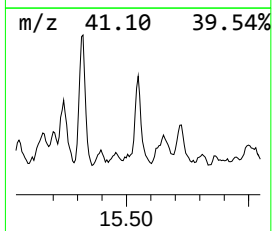
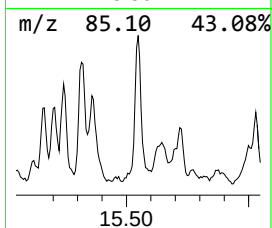
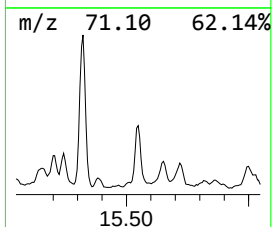
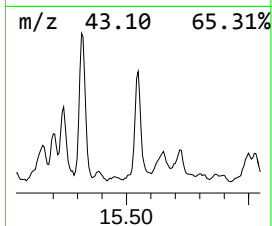
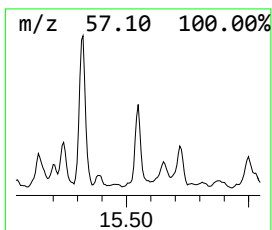
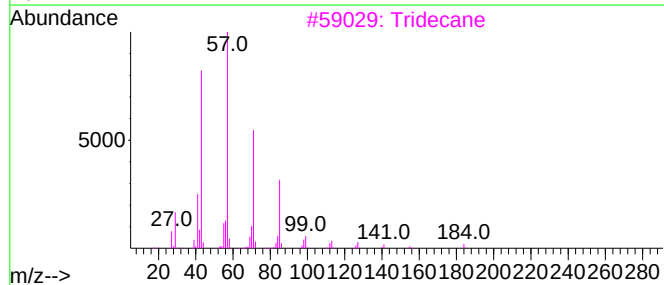
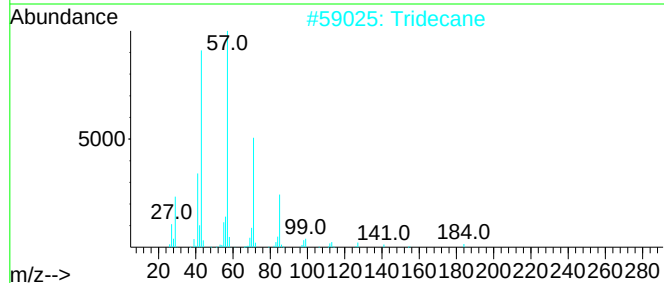
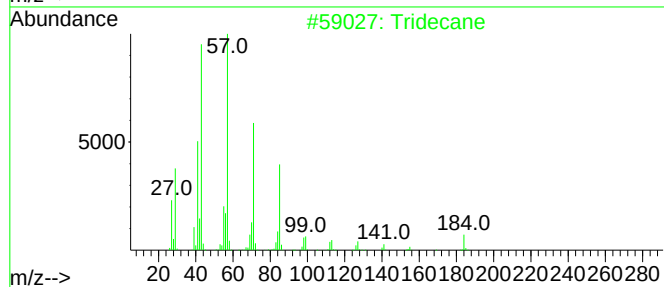
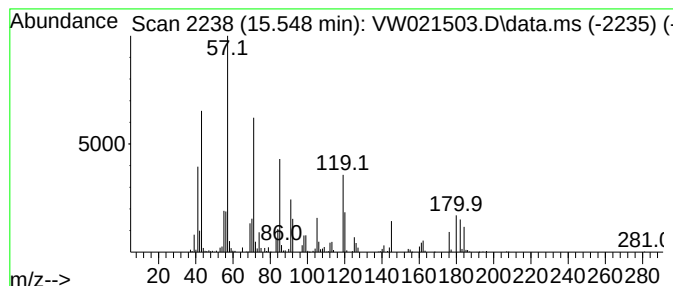
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Quant Title : SFAM01.0

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	5.57 ug/L	546847	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	86
2		Tridecane	184	C13H28	000629-50-5	50
3		Tridecane	184	C13H28	000629-50-5	45
4		Tridecane	184	C13H28	000629-50-5	45
5		Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

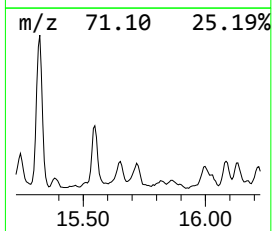
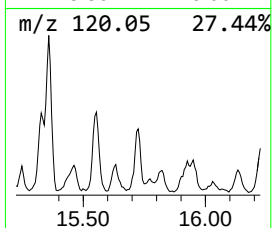
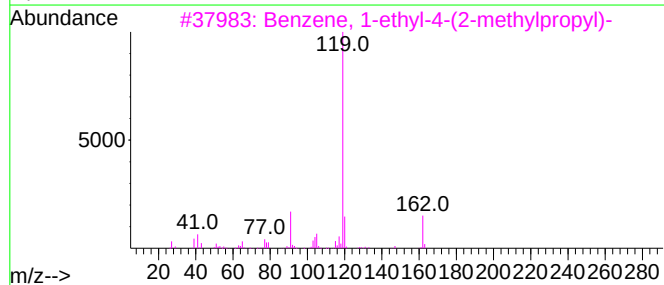
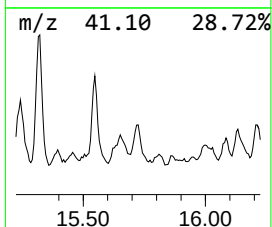
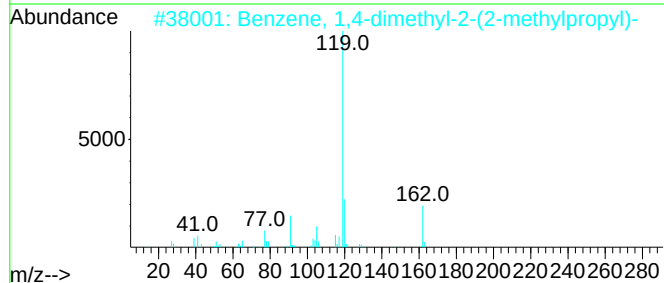
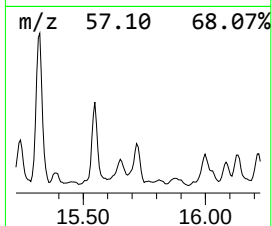
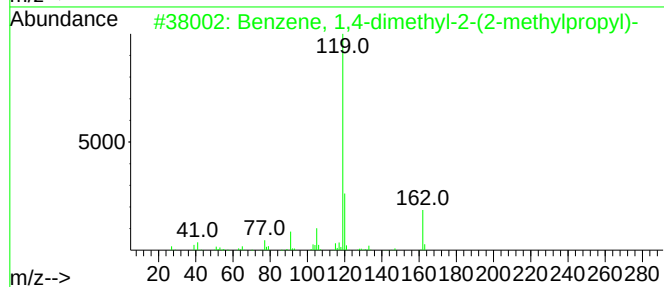
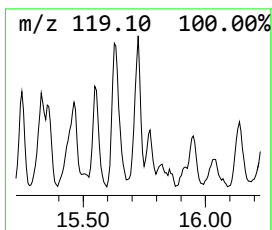
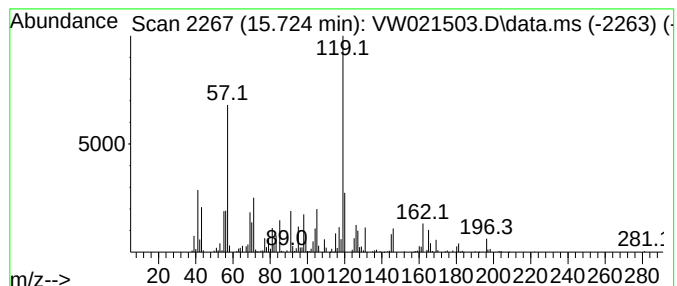
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Quant Title : SFAM01.0

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

Peak Number 41 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.725	1.98 ug/L	194580	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	49
3			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	49
4			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	49
5			Ether, 3-hydroxy-2-butyl 1-(p-to...	208	C13H20O2	1000149-41-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

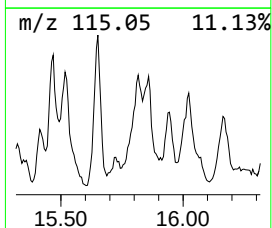
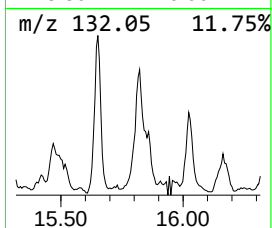
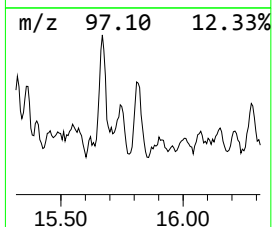
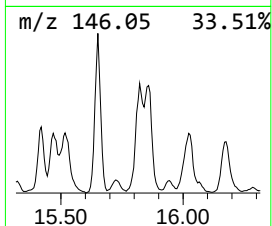
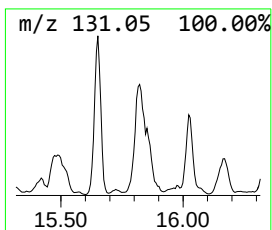
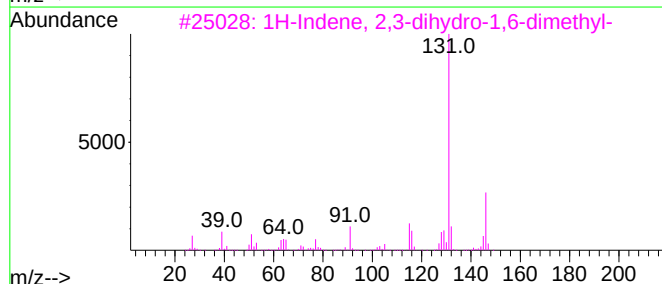
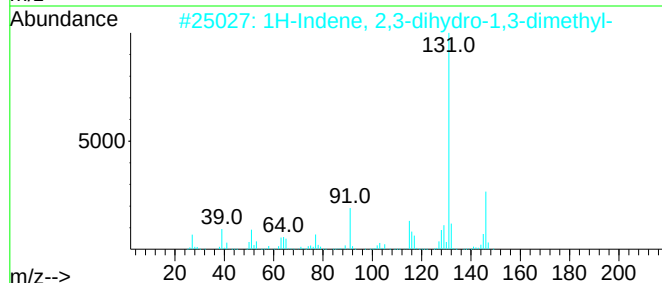
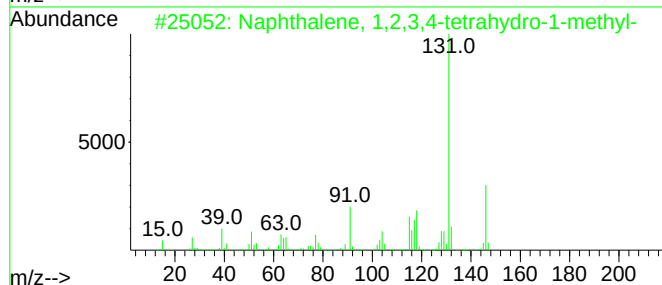
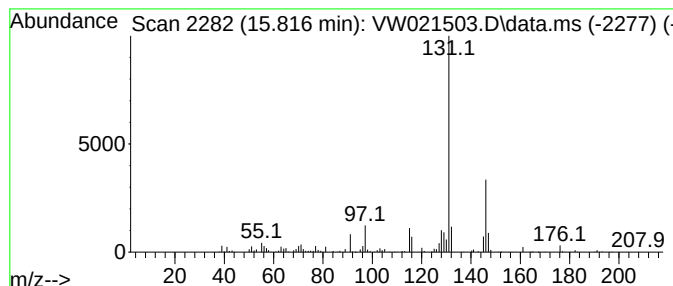
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Quant Title : SFAM01.0

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

Peak Number 42 Naphthalene, 1,2,3,4-tetra... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	3.22 ug/L	315809	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

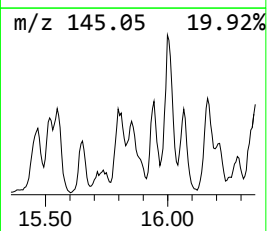
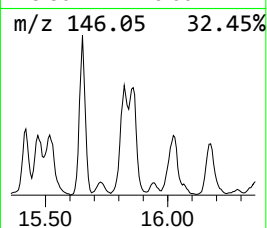
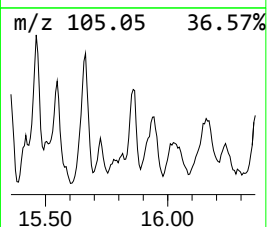
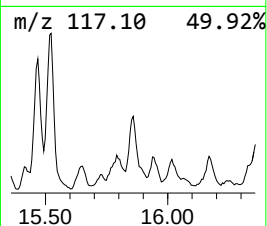
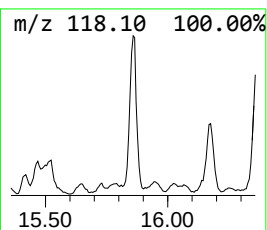
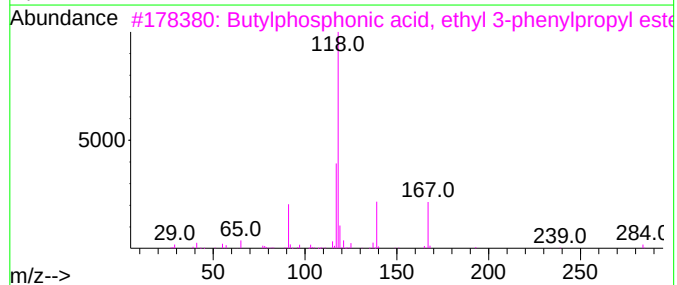
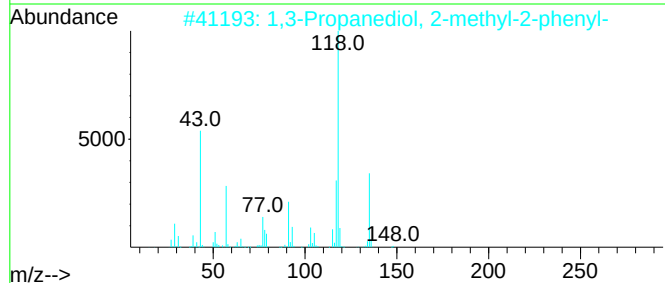
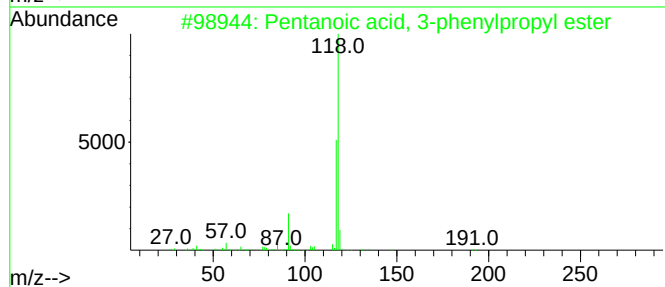
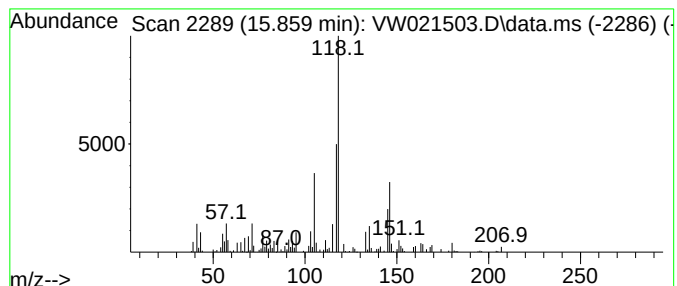
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Quant Title : SFAM01.0

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

Peak Number 43 unknown-04 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.859	2.10 ug/L	205700	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid, 3-phenylpropyl e...	220	C14H20O2	005451-88-7	43
2			1,3-Propanediol, 2-methyl-2-phenyl-	166	C10H14O2	024765-53-5	43
3			Butylphosphonic acid, ethyl 3-ph...	284	C15H25O3P	1000322-90-7	43
4			Diglycolic acid, hexyl 3-phenylp...	336	C19H28O5	1000382-17-5	37
5			4-Chlorobenzoic acid, 3-phenylpr...	274	C16H15ClO2	150272-45-0	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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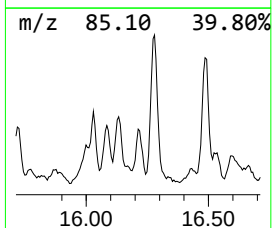
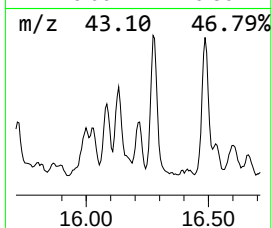
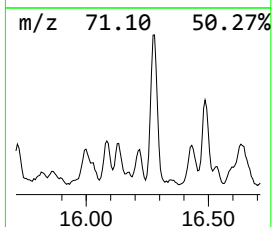
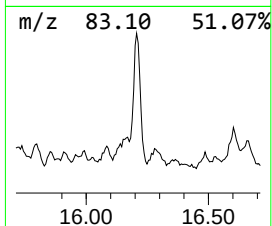
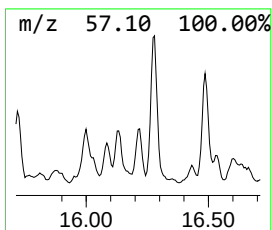
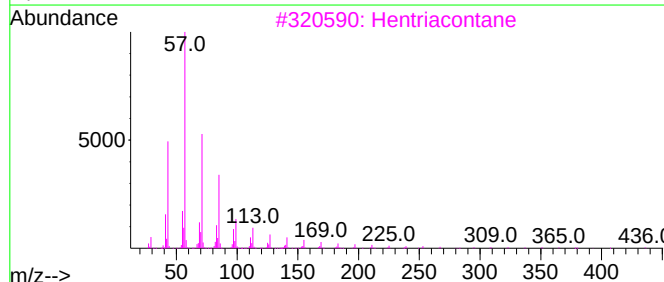
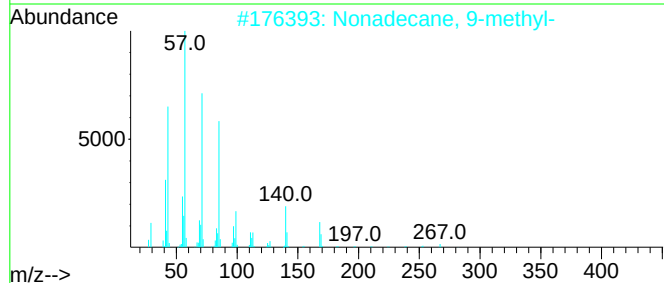
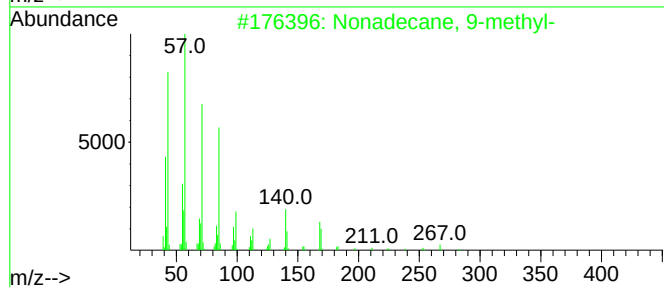
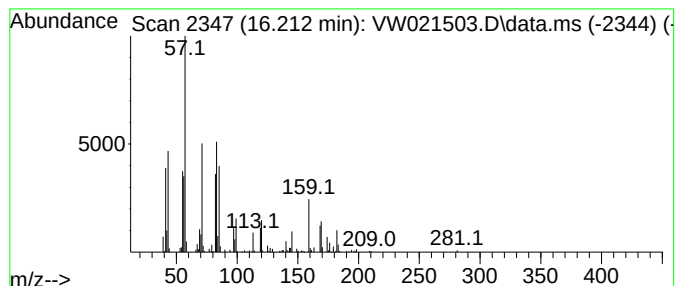
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Quant Title : SFAM01.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.212	1.78 ug/L	174850	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	38
3		Hentriacontane	437	C31H64	000630-04-6	35
4		10-Methylnonadecane	282	C20H42	056862-62-5	27
5		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGLB0

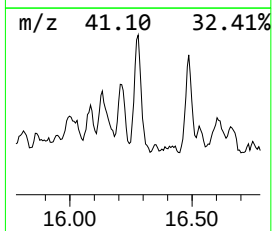
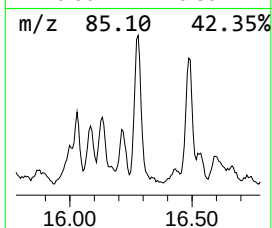
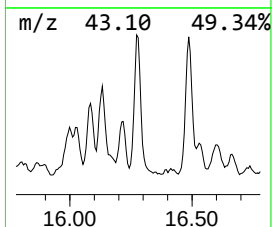
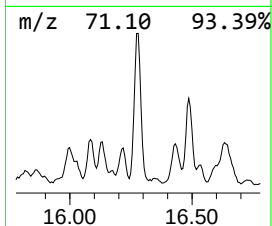
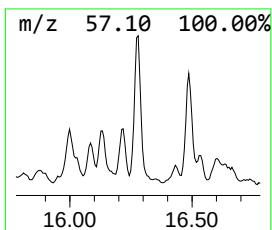
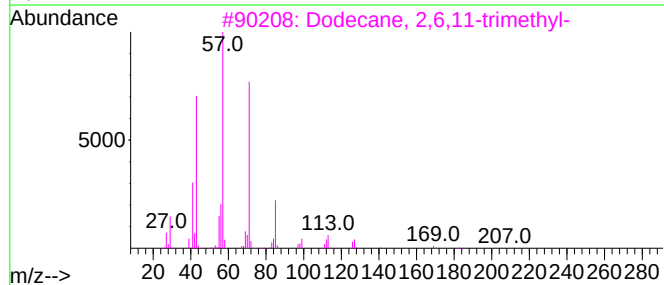
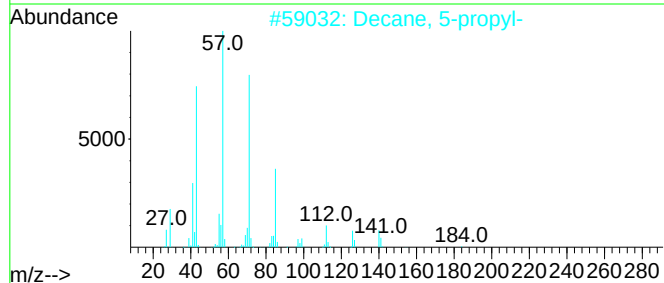
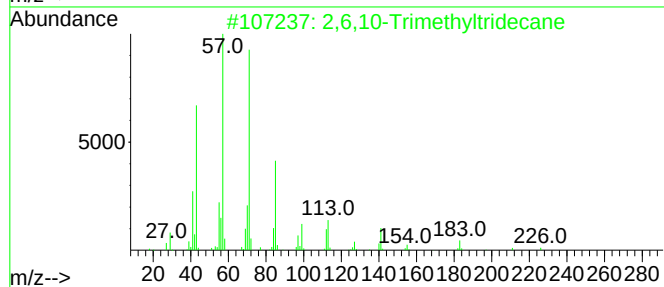
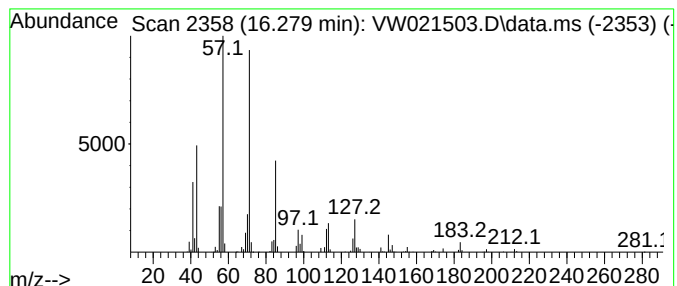
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Quant Title : SFAM01.0

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	3.19 ug/L	312740	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	86	
2	Decane, 5-propyl-	184	C13H28	017312-62-8	64	
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59	
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58	
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021503.D
Acq On : 20 Dec 2021 17:12
Operator : SY/VA
Sample : M5171-14
Misc : 6.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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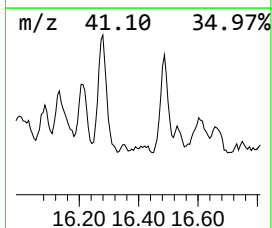
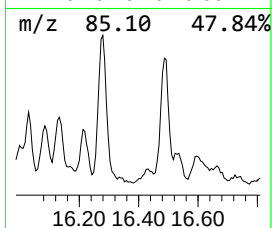
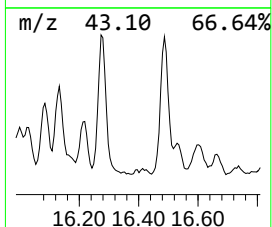
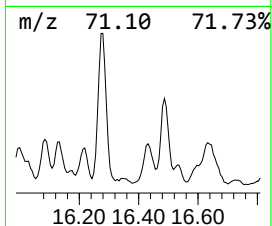
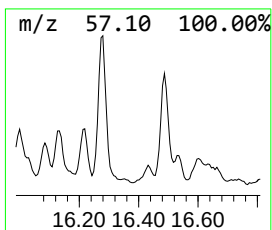
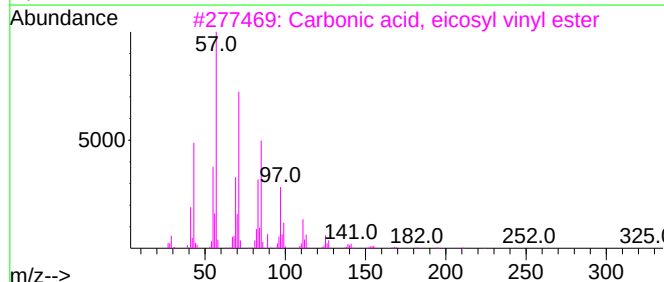
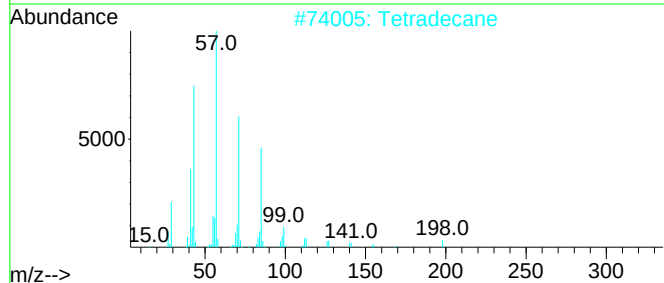
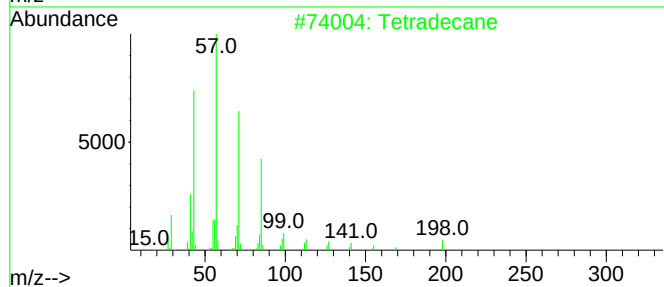
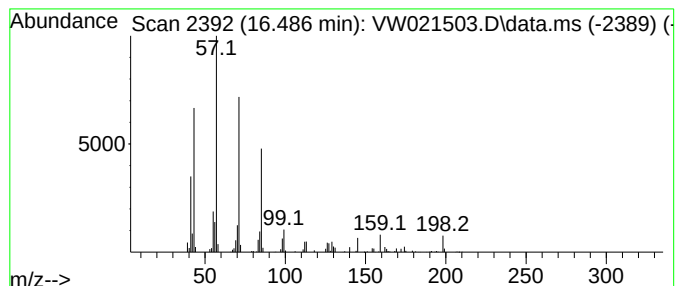
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Quant Title : SFAM01.0

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

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	2.26 ug/L	221739	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Tetradecane	198	C14H30	000629-59-4	95
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83
4		Nonadecane	268	C19H40	000629-92-5	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021503.D
 Acq On : 20 Dec 2021 17:12
 Operator : SY/VA
 Sample : M5171-14
 Misc : 6.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB0

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...	8.512	1.8	ug/L	28142	1	8.842	384212	25.0
(DEL) Alkane: S...	9.067	2.3	ug/L	34605	1	8.842	384212	25.0
(DEL) Alkane: S...	9.896	1.5	ug/L	23405	1	8.842	384212	25.0
(DEL) Alkane: S...	11.512	3.5	ug/L	69355	2	11.634	501404	25.0
(DEL) Alkane: S...	12.249	2.4	ug/L	47296	2	11.634	501404	25.0
Pentalene, octa...	12.341	6.0	ug/L	119721	2	11.634	501404	25.0
1,5-Cyclooctadiene	12.560	60.9	ug/L	1220730	2	11.634	501404	25.0
Benzene, propyl-	12.804	9.3	ug/L	908322	3	13.554	2454090	25.0
Benzene, 1-ethy...	12.865	5.7	ug/L	562074	3	13.554	2454090	25.0
Benzene, 1-ethy...	13.103	18.1	ug/L	1781650	3	13.554	2454090	25.0
(DEL) Alkane: S...	13.164	1.9	ug/L	190219	3	13.554	2454090	25.0
o-Cymene	13.438	5.7	ug/L	555015	3	13.554	2454090	25.0
Benzene, 1,2-di...	13.719	7.0	ug/L	686267	3	13.554	2454090	25.0
Benzene, 1-ethe...	13.749	25.8	ug/L	2527660	3	13.554	2454090	25.0
Benzene, 1,3-di...	13.792	16.5	ug/L	1621610	3	13.554	2454090	25.0
Benzene, 1-meth...	13.944	8.3	ug/L	818382	3	13.554	2454090	25.0
Benzene, 2-ethy...	14.005	13.0	ug/L	1278030	3	13.554	2454090	25.0
Benzene, 1,2,3,...	14.036	11.3	ug/L	1110510	3	13.554	2454090	25.0
Benzene, 4-ethy...	14.091	19.8	ug/L	1940220	3	13.554	2454090	25.0
Benzene, 2-bute...	14.200	12.1	ug/L	1186800	3	13.554	2454090	25.0
unknown-01	14.255	3.4	ug/L	333243	3	13.554	2454090	25.0
Benzene, 1-ethy...	14.335	7.2	ug/L	705559	3	13.554	2454090	25.0
Benzene, 1,2,4,...	14.414	38.2	ug/L	3749900	3	13.554	2454090	25.0
Benzene, 1-ethy...	14.456	17.6	ug/L	1725330	3	13.554	2454090	25.0
Benzene, 1,3-di...	14.499	5.6	ug/L	553014	3	13.554	2454090	25.0
1H-1,5-Benzodia...	14.536	4.3	ug/L	419761	3	13.554	2454090	25.0
unknown-02	14.639	2.7	ug/L	265508	3	13.554	2454090	25.0
1H-Indene, 2,3-...	14.688	7.6	ug/L	744571	3	13.554	2454090	25.0
Diglycolic acid...	14.725	5.8	ug/L	571282	3	13.554	2454090	25.0
1,3-Cyclopentad...	14.792	29.9	ug/L	2934060	3	13.554	2454090	25.0
Naphthalene, 1,...	14.950	3.7	ug/L	362050	3	13.554	2454090	25.0
Benzene, 1,4-di...	15.060	12.7	ug/L	1245640	3	13.554	2454090	25.0
(DEL) Alkane: S...	15.243	3.1	ug/L	301887	3	13.554	2454090	25.0
(DEL) Alkane: S...	15.322	5.8	ug/L	572532	3	13.554	2454090	25.0
unknown-03	15.462	3.0	ug/L	292646	3	13.554	2454090	25.0
(DEL) Alkane: S...	15.548	5.6	ug/L	546847	3	13.554	2454090	25.0
Benzene, 1,4-di...	15.725	2.0	ug/L	194580	3	13.554	2454090	25.0
Naphthalene, 1,...	15.816	3.2	ug/L	315809	3	13.554	2454090	25.0
unknown-04	15.859	2.1	ug/L	205700	3	13.554	2454090	25.0
(DEL) Alkane: S...	16.212	1.8	ug/L	174850	3	13.554	2454090	25.0
(DEL) Alkane: S...	16.279	3.2	ug/L	312740	3	13.554	2454090	25.0
(DEL) Alkane: S...	16.486	2.3	ug/L	221739	3	13.554	2454090	25.0