

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020522.D
 Acq On : 15 Oct 2021 04:00
 Operator : SY/VA
 Sample : M4210-10
 Misc : 6.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGD5

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\SFAMWLM100821SMA.M
 Title : SFAM01.0

Signal : TIC: VW020522.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	7	9	19	rVB3	7717	12582	1.75%	0.191%
2	2.349	67	73	82	rVB	48499	79097	10.97%	1.199%
3	2.495	92	97	104	rVB	5723	10921	1.52%	0.166%
4	2.879	154	160	169	rVB	24557	49666	6.89%	0.753%
5	3.288	223	227	228	rBV2	289	250	0.03%	0.004%
6	3.385	237	243	251	rVB3	3339	7712	1.07%	0.117%
7	3.483	258	259	262	rBV3	200	256	0.04%	0.004%
8	3.544	262	269	279	rBV	3182	8627	1.20%	0.131%
9	3.690	289	293	296	rVB2	199	318	0.04%	0.005%
10	3.910	327	329	332	rBV2	123	165	0.02%	0.003%
11	4.019	336	347	358	rBV2	62187	175644	24.37%	2.662%
12	4.129	358	365	384	rVV	14177	40698	5.65%	0.617%
13	4.257	384	386	388	rVB2	237	214	0.03%	0.003%
14	4.282	388	390	397	rBV3	137	289	0.04%	0.004%
15	4.385	397	407	423	rVB2	6785	21258	2.95%	0.322%
16	4.696	452	458	459	rBV2	241	376	0.05%	0.006%
17	4.794	472	474	479	rVB3	78	134	0.02%	0.002%
18	4.916	481	494	516	rVB	34027	110823	15.38%	1.680%
19	5.068	516	519	521	rBV	140	152	0.02%	0.002%
20	5.159	532	534	536	rVV2	167	174	0.02%	0.003%
21	5.208	539	542	544	rVB2	130	137	0.02%	0.002%
22	5.415	573	576	577	rBV2	472	425	0.06%	0.006%
23	5.446	577	581	588	rVB3	624	1339	0.19%	0.020%
24	5.787	629	637	638	rBV2	927	1542	0.21%	0.023%
25	5.946	653	663	674	rVB3	4022	12274	1.70%	0.186%
26	6.031	674	677	681	rBV	128	192	0.03%	0.003%
27	6.293	717	720	722	rBV	180	136	0.02%	0.002%
28	6.397	734	737	741	rBV2	125	199	0.03%	0.003%
29	6.440	741	744	746	rBV	156	164	0.02%	0.002%
30	6.470	748	749	752	rBV2	141	134	0.02%	0.002%
31	6.543	757	761	763	rVB2	116	151	0.02%	0.002%
32	6.909	814	821	822	rBV2	240	272	0.04%	0.004%
33	7.001	831	836	839	rBV4	354	638	0.09%	0.010%
34	7.086	839	850	860	rBV	23359	66840	9.27%	1.013%
35	7.531	919	923	925	rBV2	198	318	0.04%	0.005%
36	7.653	933	943	957	rVV	123932	307538	42.67%	4.662%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Title : SFAM01.0

37	7.927	980	988	995	rVB4	702	1451	0.20%	0.022%
38	8.043	1004	1007	1010	rBV3	217	200	0.03%	0.003%
39	8.159	1020	1026	1033	rVB4	1277	2420	0.34%	0.037%
40	8.281	1036	1046	1062	rBV2	236408	720798	100.00%	10.926%
41	8.695	1109	1114	1124	rVB2	2595	5558	0.77%	0.084%
42	8.848	1130	1139	1154	rBV	220807	442567	61.40%	6.708%
43	9.043	1166	1171	1173	rBV2	460	546	0.08%	0.008%
44	9.079	1173	1177	1183	rVB4	1309	2429	0.34%	0.037%
45	9.275	1200	1209	1220	rBV	178673	367663	51.01%	5.573%
46	9.415	1228	1232	1233	rBV	200	206	0.03%	0.003%
47	9.518	1243	1249	1251	rVB	177	224	0.03%	0.003%
48	9.659	1270	1272	1273	rBV2	453	366	0.05%	0.006%
49	9.963	1318	1322	1324	rBV2	560	786	0.11%	0.012%
50	10.037	1324	1334	1342	rBV	61763	111381	15.45%	1.688%
51	10.226	1361	1365	1367	rBV3	183	215	0.03%	0.003%
52	10.323	1373	1381	1388	rVV	272062	482752	66.97%	7.318%
53	10.390	1388	1392	1399	rVV	6549	11925	1.65%	0.181%
54	10.451	1399	1402	1405	rVV2	219	341	0.05%	0.005%
55	10.506	1405	1411	1416	rVV2	2375	3990	0.55%	0.060%
56	10.579	1416	1423	1435	rVV	41977	71165	9.87%	1.079%
57	10.707	1437	1444	1451	rVV	7819	13492	1.87%	0.205%
58	10.860	1467	1469	1472	rVB3	263	220	0.03%	0.003%
59	10.927	1472	1480	1495	rBV	85557	144572	20.06%	2.191%
60	11.030	1495	1497	1498	rVV2	423	399	0.06%	0.006%
61	11.067	1498	1503	1516	rVB4	3063	6204	0.86%	0.094%
62	11.408	1555	1559	1566	rVB3	1077	1807	0.25%	0.027%
63	11.506	1569	1575	1581	rBV2	939	1525	0.21%	0.023%
64	11.634	1588	1596	1607	rBV	272526	455827	63.24%	6.909%
65	11.731	1607	1612	1621	rVB	2552	3817	0.53%	0.058%
66	11.841	1621	1630	1639	rBV4	2592	5573	0.77%	0.084%
67	11.920	1642	1643	1646	rVB2	211	147	0.02%	0.002%
68	12.018	1654	1659	1660	rBV3	270	293	0.04%	0.004%
69	12.061	1663	1666	1671	rVB3	356	612	0.08%	0.009%
70	12.146	1673	1680	1682	rBV5	1282	2675	0.37%	0.041%
71	12.176	1682	1685	1691	rVB4	1787	3328	0.46%	0.050%
72	12.256	1691	1698	1702	rVB3	1941	3369	0.47%	0.051%
73	12.341	1705	1712	1713	rBV4	2207	3634	0.50%	0.055%
74	12.469	1727	1733	1739	rBV	11596	21812	3.03%	0.331%
75	12.536	1739	1744	1747	rVV5	3751	7974	1.11%	0.121%
76	12.603	1751	1755	1760	rVV2	6118	11790	1.64%	0.179%

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 Title : SFAM01.0

77	12.646	1760	1762	1764	rVV2	1996	2470	0.34%	0.037%
78	12.695	1764	1770	1777	rVB	118191	195316	27.10%	2.961%
79	12.865	1793	1798	1799	rBV5	2321	3750	0.52%	0.057%
80	12.926	1802	1808	1817	rVV4	21839	56988	7.91%	0.864%
81	13.048	1822	1828	1832	rBV2	18544	36110	5.01%	0.547%
82	13.128	1838	1841	1843	rBV2	5574	7730	1.07%	0.117%
83	13.164	1843	1847	1850	rBV2	17090	24089	3.34%	0.365%
84	13.292	1865	1868	1873	rVB2	11336	16799	2.33%	0.255%
85	13.341	1873	1876	1879	rBV2	7824	10869	1.51%	0.165%
86	13.408	1884	1887	1890	rVV2	8142	11147	1.55%	0.169%
87	13.481	1896	1899	1903	rBV3	14533	18743	2.60%	0.284%
88	13.560	1907	1912	1920	rBV	182008	308722	42.83%	4.680%
89	13.853	1954	1960	1968	rBV	172247	346840	48.12%	5.257%
90	14.133	2003	2006	2012	rVB	42715	63955	8.87%	0.969%
91	14.194	2012	2016	2022	rBV3	33011	66942	9.29%	1.015%
92	14.261	2023	2027	2033	rVB6	26022	43756	6.07%	0.663%
93	14.347	2033	2041	2044	rBV3	61932	142172	19.72%	2.155%
94	14.389	2045	2048	2051	rVV3	44962	55259	7.67%	0.838%
95	14.493	2062	2065	2069	rBV2	50387	69718	9.67%	1.057%
96	14.792	2109	2114	2119	rBV2	261964	520112	72.16%	7.884%
97	14.835	2119	2121	2129	rVB2	161901	261473	36.28%	3.963%
98	15.060	2154	2158	2162	rBV2	71523	112394	15.59%	1.704%
99	15.322	2196	2201	2210	rVB2	178641	313591	43.51%	4.753%
100	16.438	2380	2384	2389	rVB2	49587	80555	11.18%	1.221%

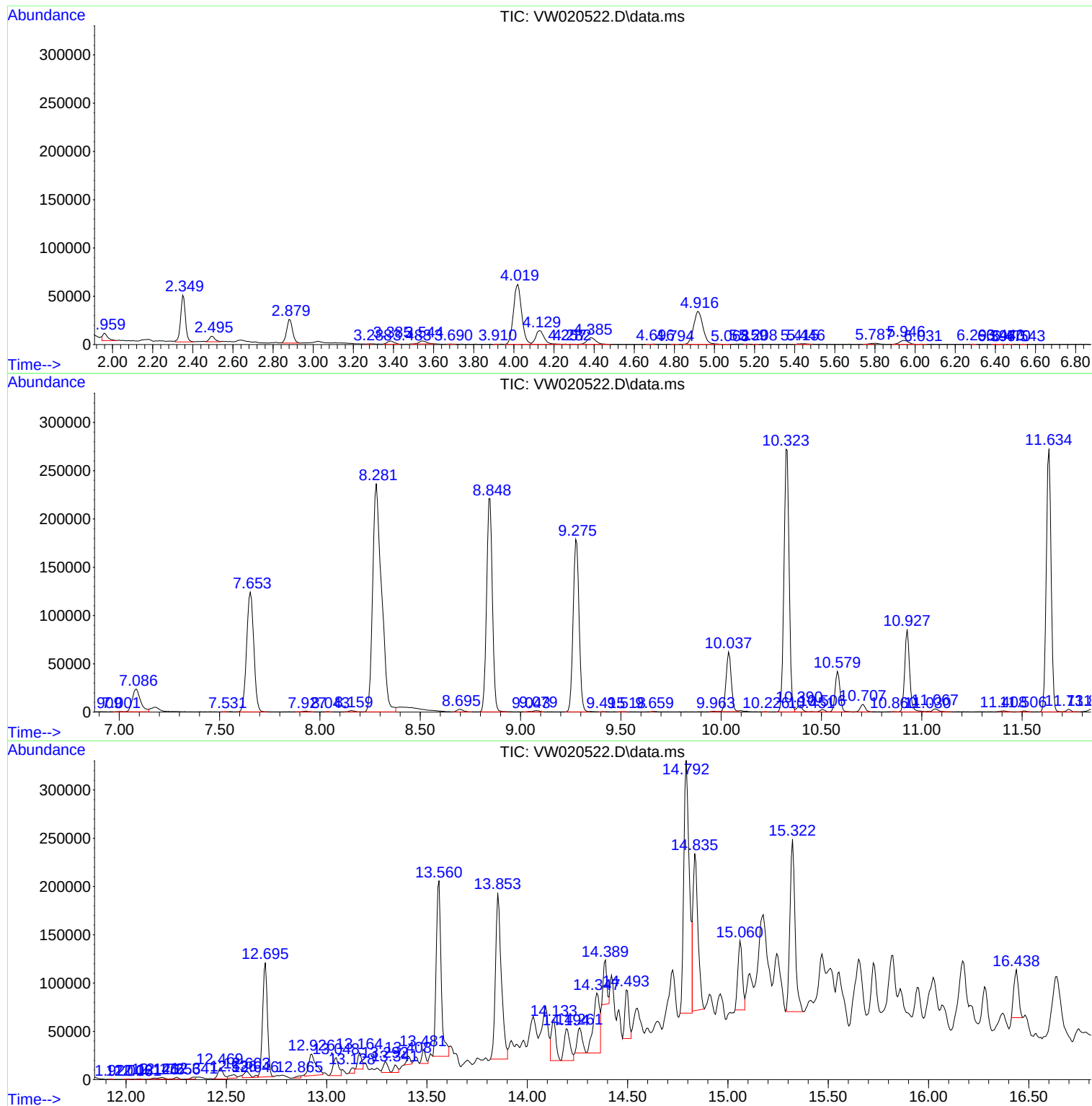
Sum of corrected areas: 6597208

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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



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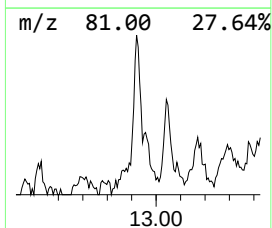
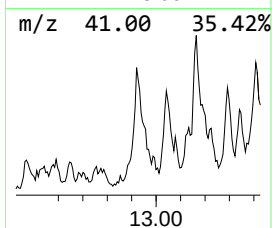
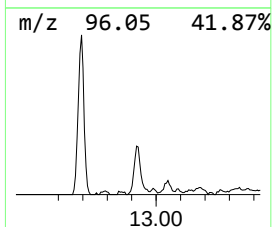
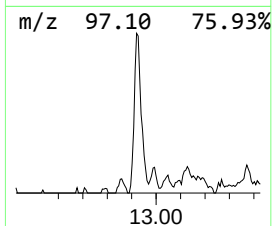
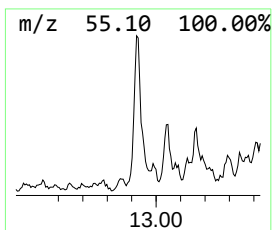
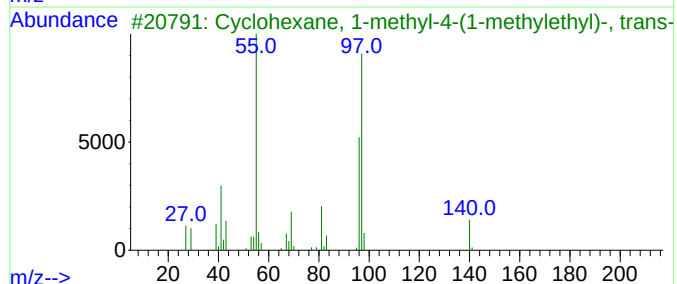
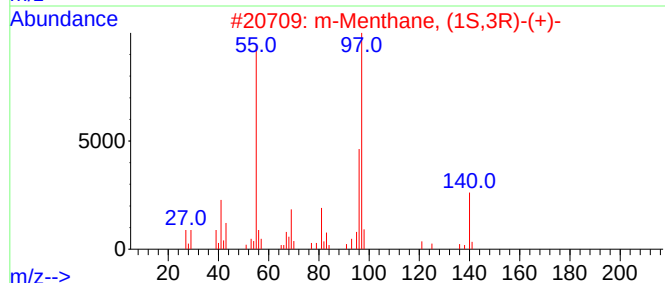
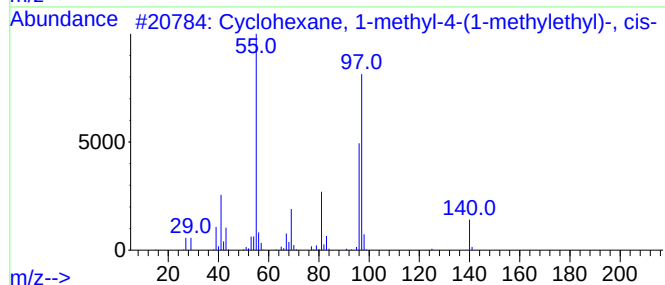
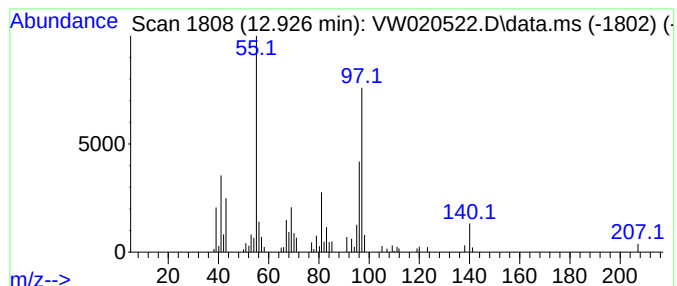
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic12.926 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	4.61 ug/L	56988	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	93
2			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	90
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	87
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	87
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	87



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Instrument :
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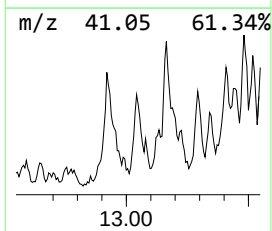
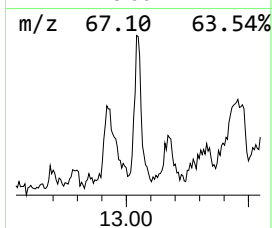
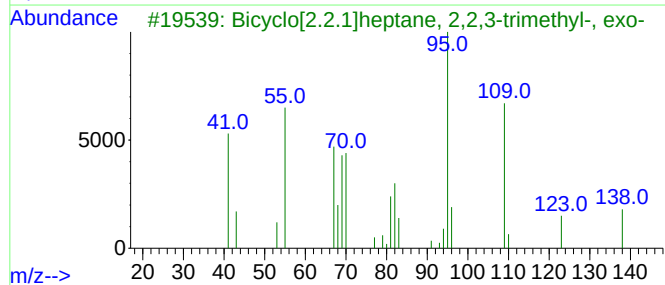
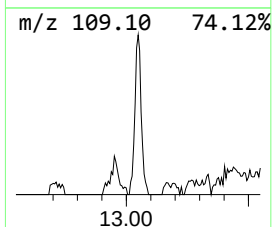
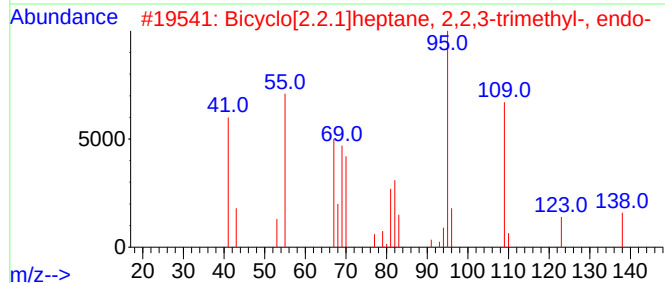
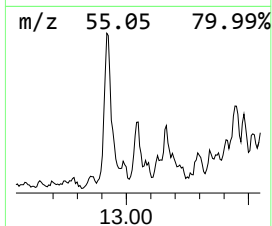
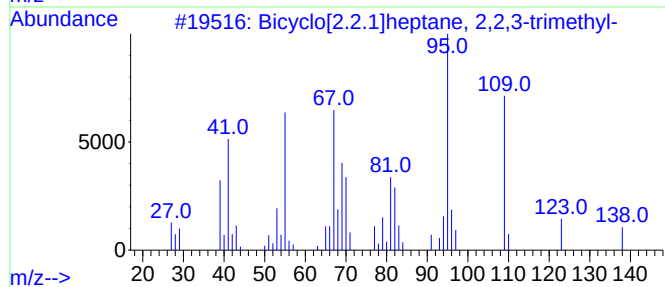
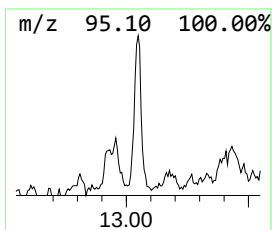
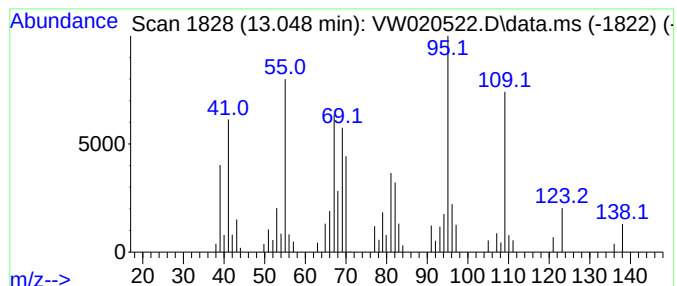
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.048	2.92 ug/L	36110	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	96
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	90
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	87
4			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	60
5			2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	50



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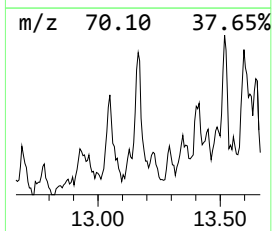
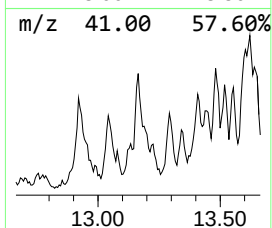
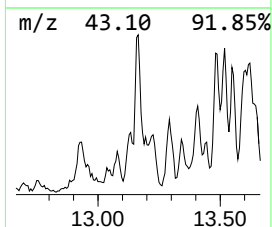
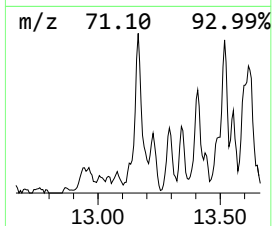
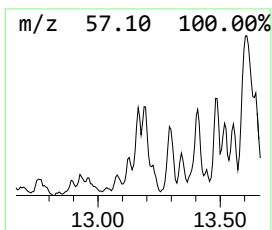
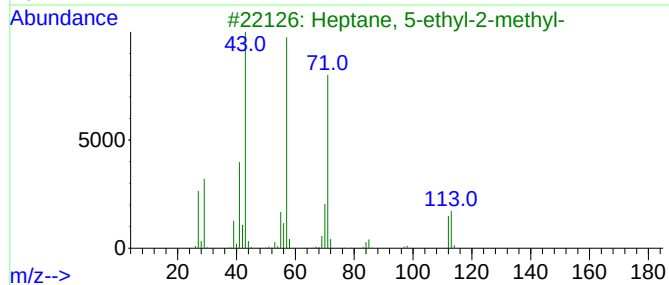
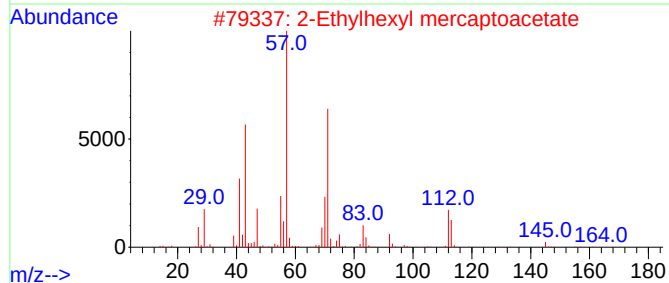
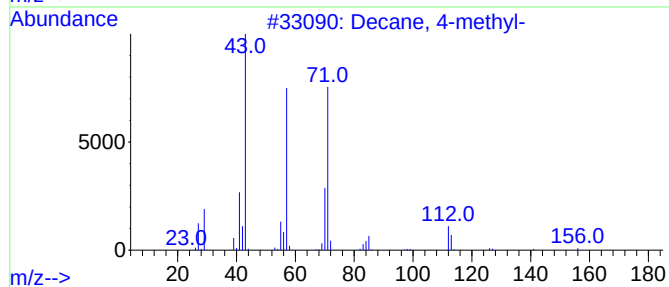
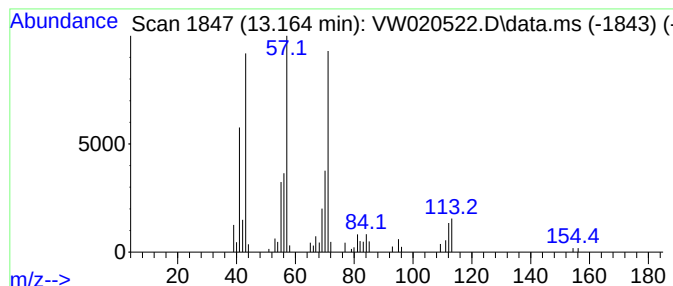
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	1.95 ug/L	24089	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	81
2			2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
3			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	64
5			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

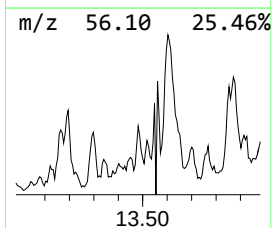
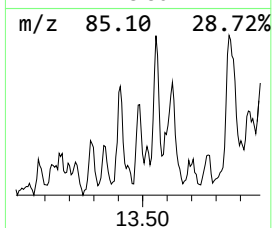
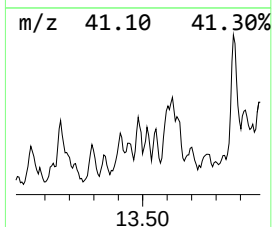
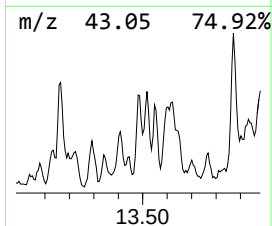
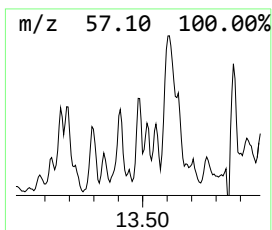
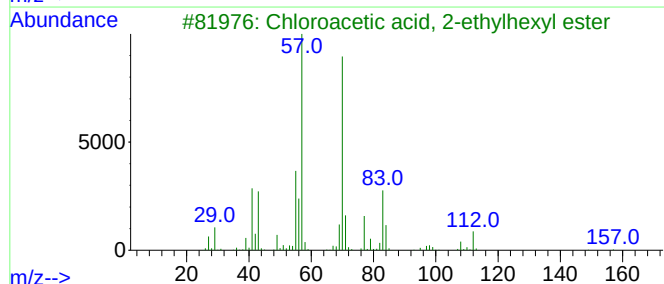
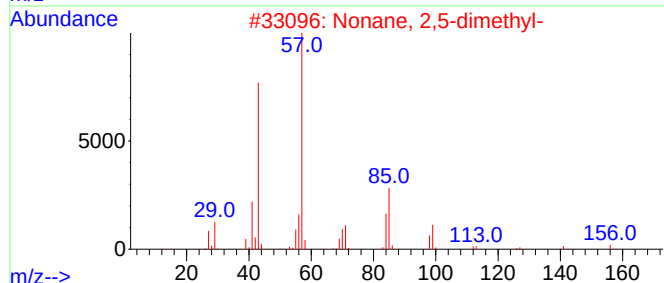
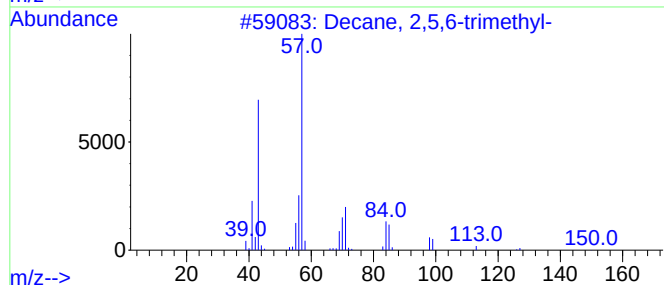
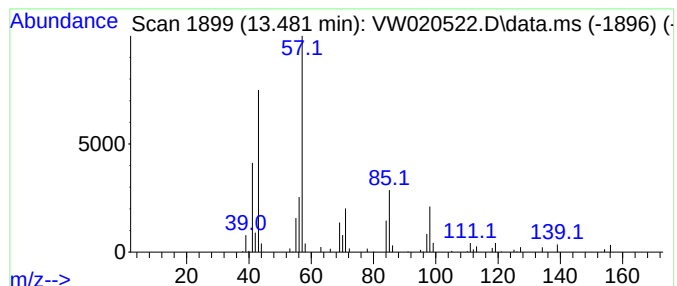
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	1.52 ug/L	18743	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
2			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	49
3			Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	43
4			Decane, 5-methyl-	156	C11H24	013151-35-4	43
5			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

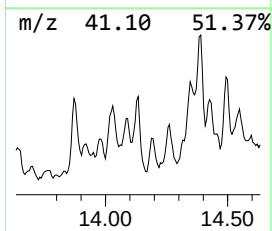
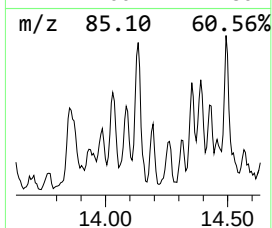
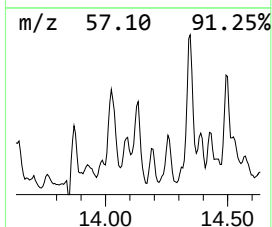
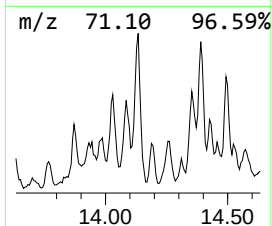
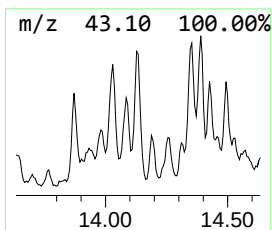
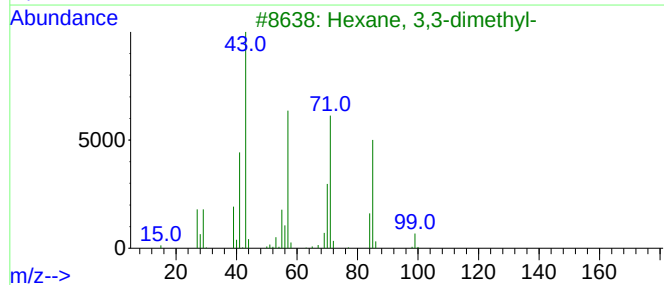
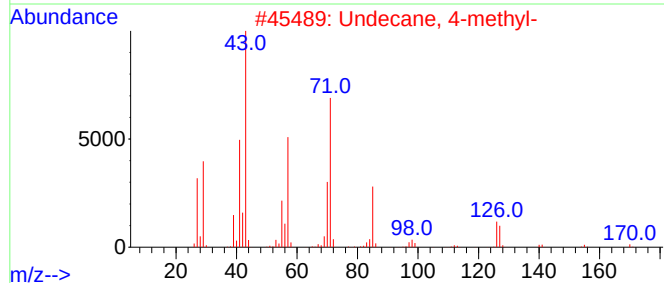
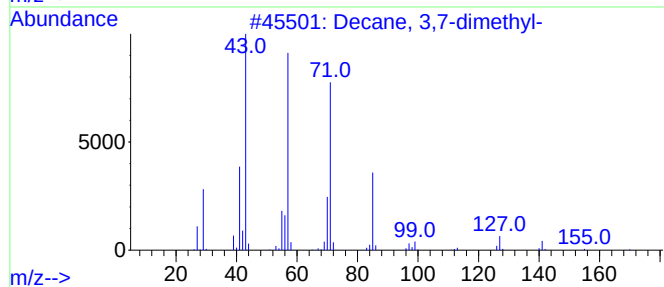
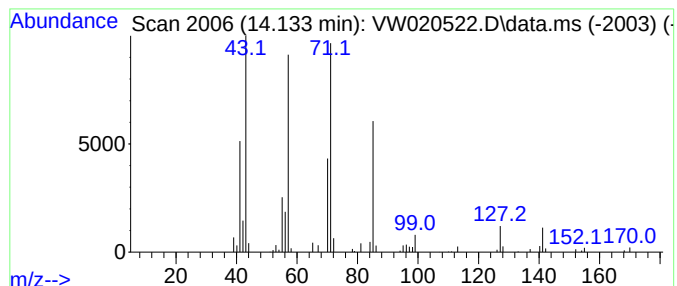
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.133	5.18 ug/L	63955	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
2		Undecane, 4-methyl-	170	C12H26	002980-69-0	74
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4		Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	64
5		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

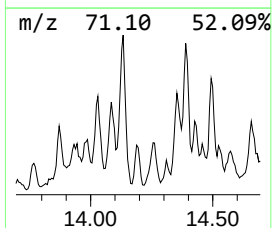
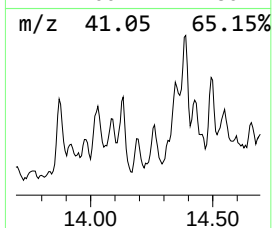
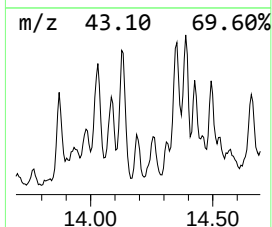
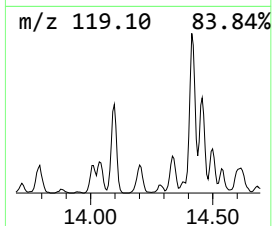
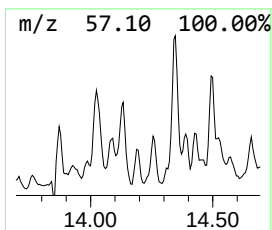
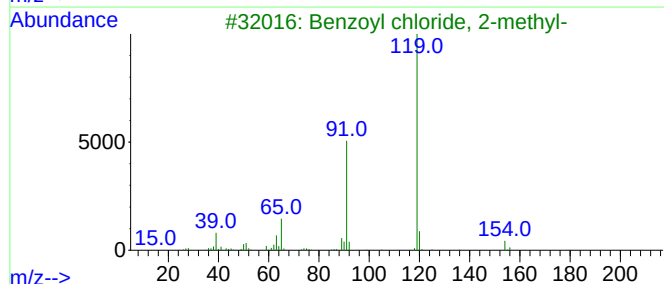
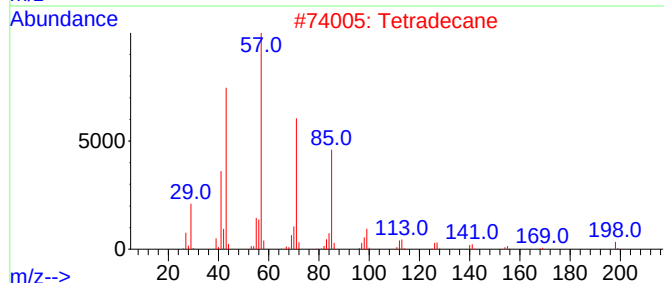
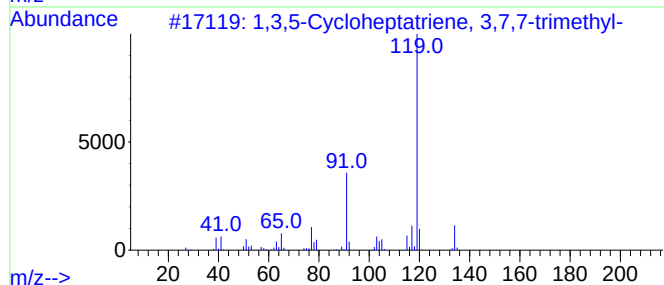
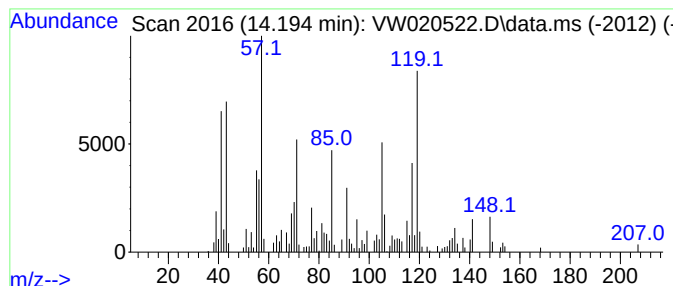
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	5.42 ug/L	66942	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	30
2			Tetradecane	198	C14H30	000629-59-4	25
3			Benzoyl chloride, 2-methyl-	154	C8H7ClO	000933-88-0	25
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	25
5			Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

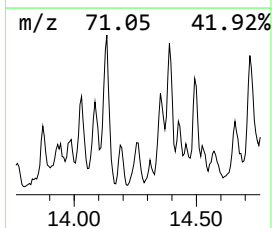
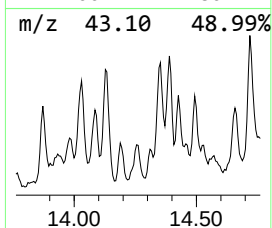
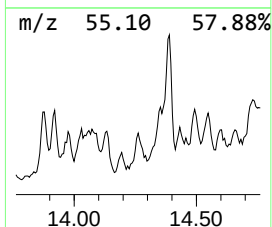
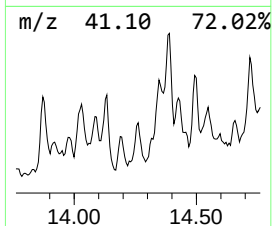
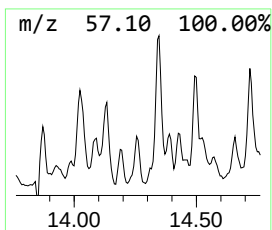
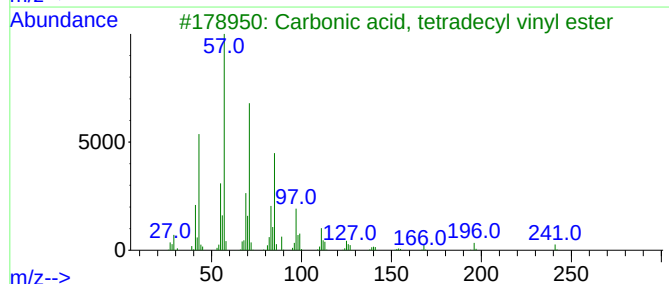
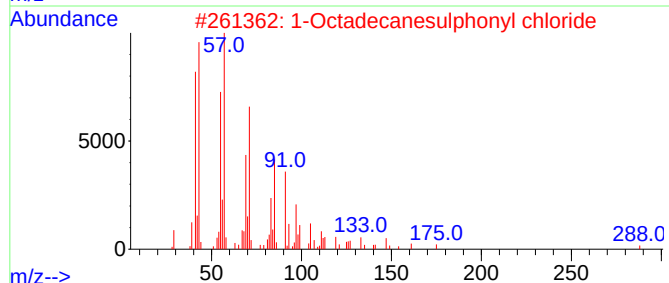
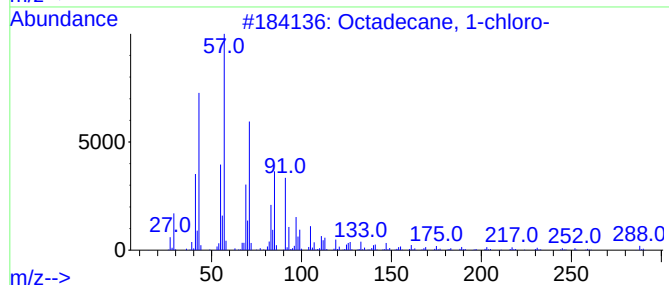
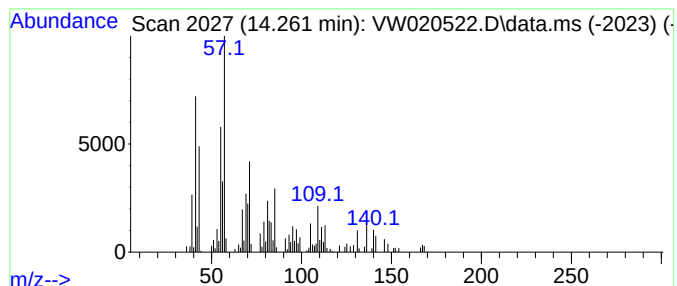
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	3.54 ug/L	43756	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	43
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	43
4			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
5			Octacosane	394	C28H58	000630-02-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

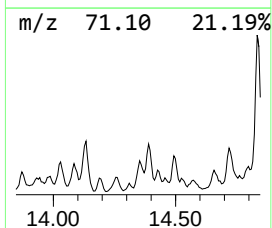
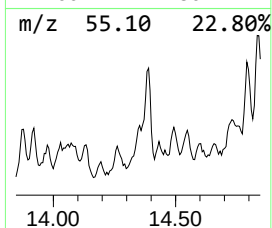
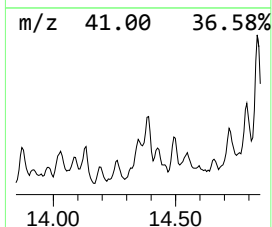
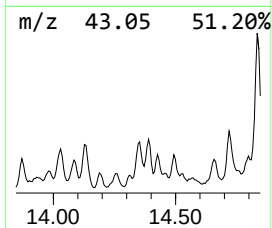
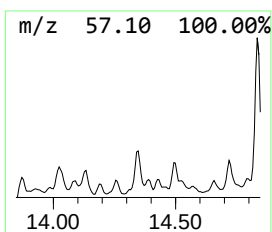
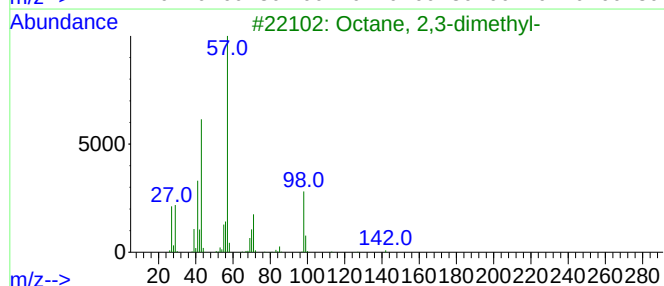
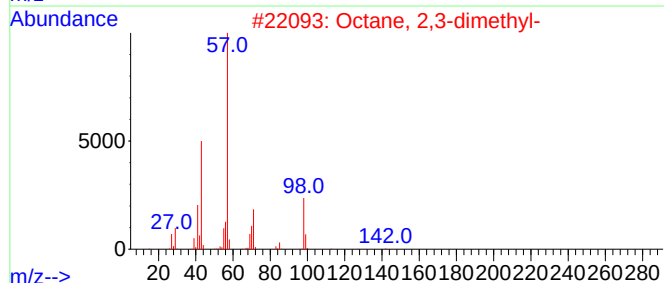
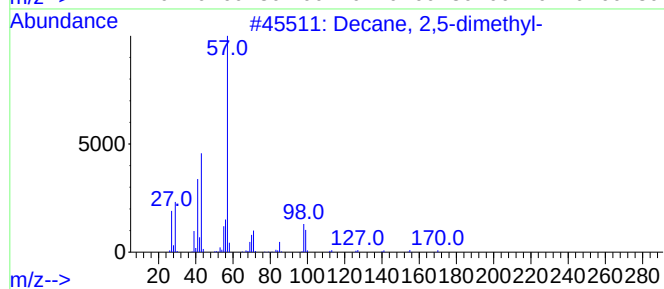
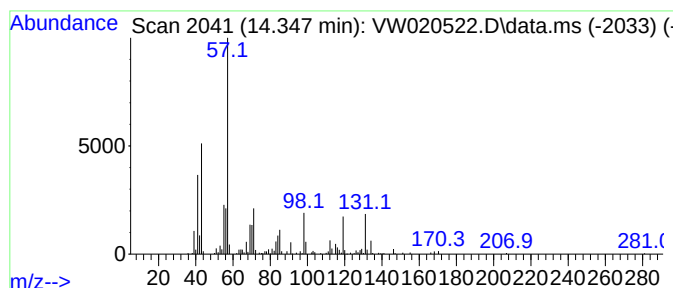
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.347	11.51 ug/L	142172	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	47
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
4		Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	43
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

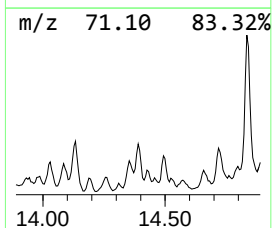
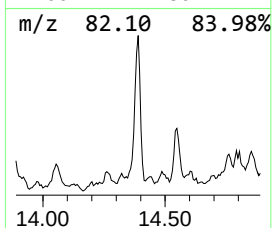
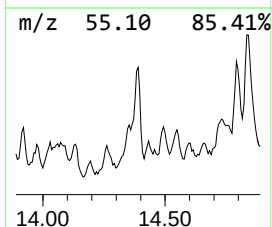
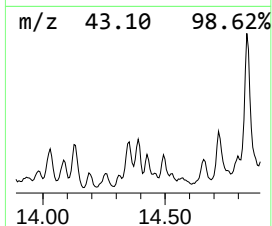
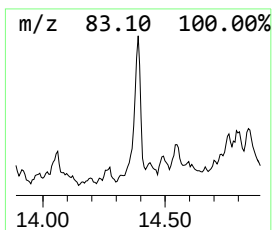
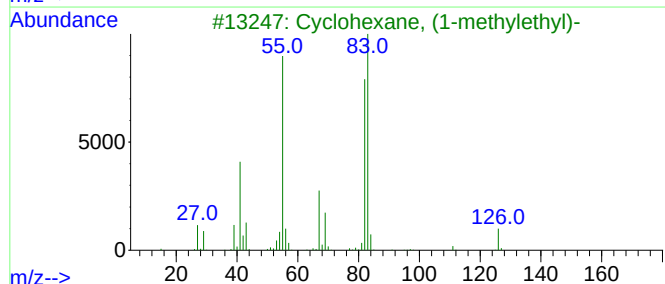
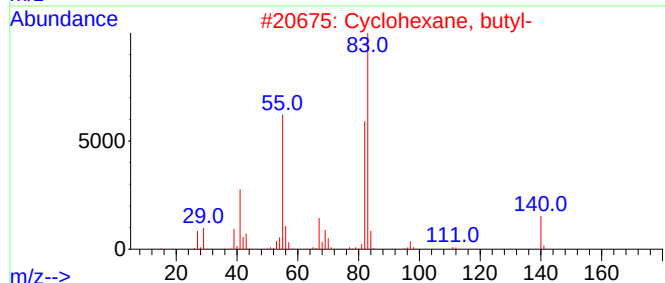
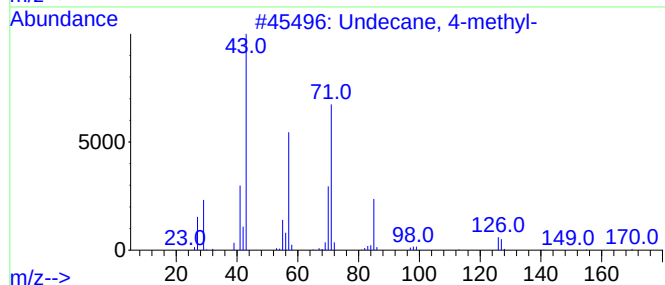
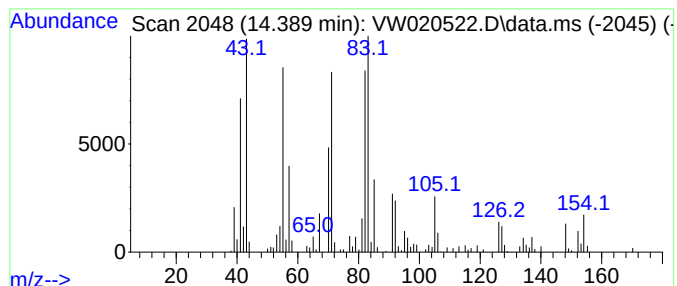
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	4.47 ug/L	55259	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 4-methyl-	170	C12H26	002980-69-0	38
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	35
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

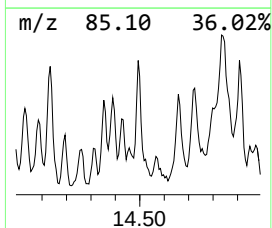
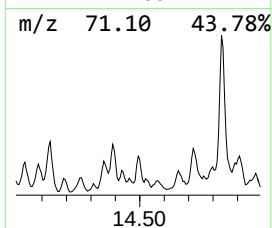
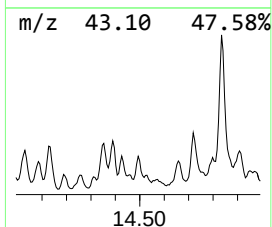
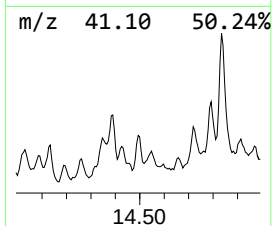
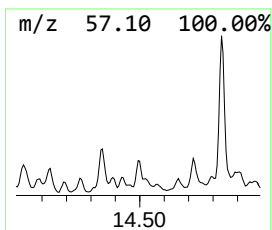
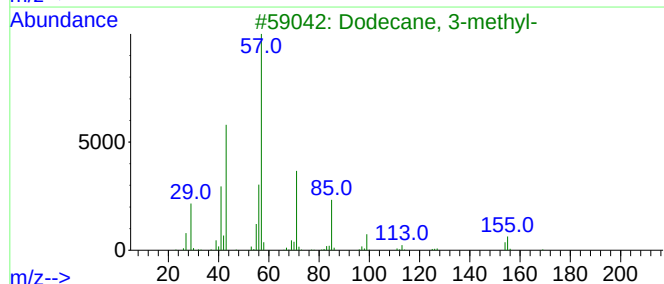
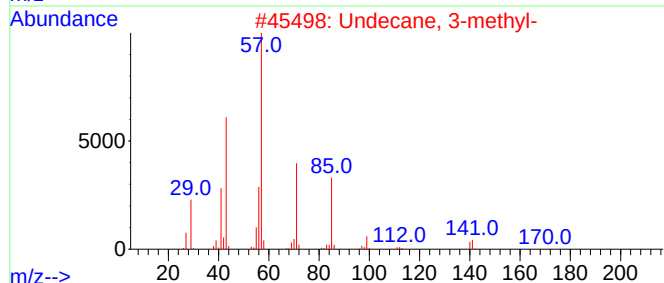
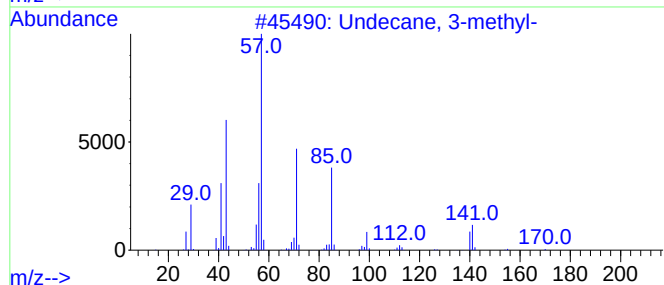
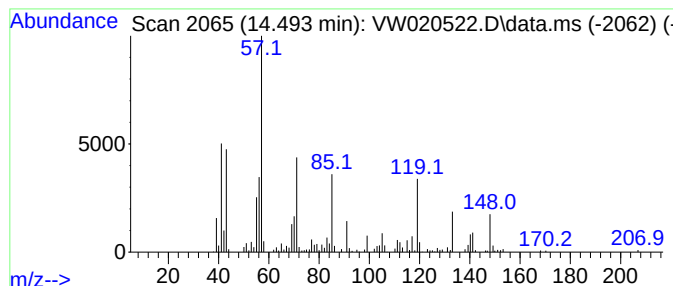
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	5.65 ug/L	69718	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	70
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3			Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
5			Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

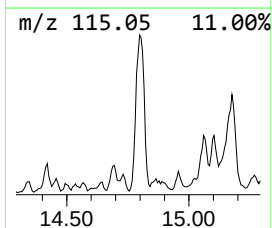
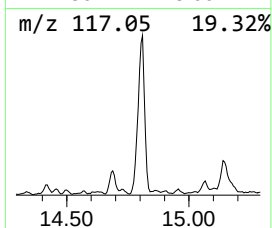
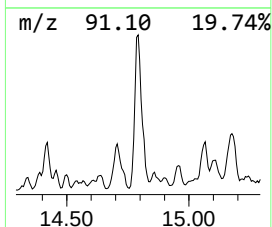
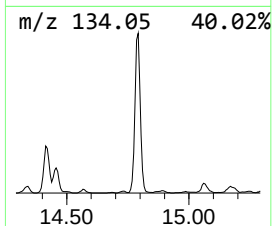
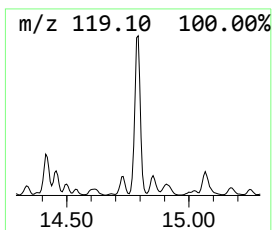
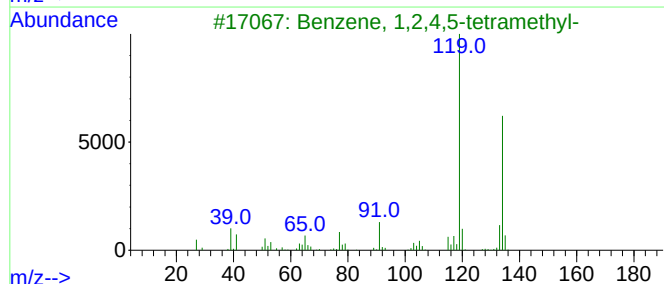
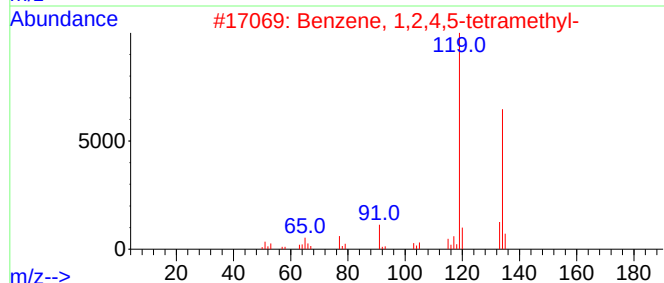
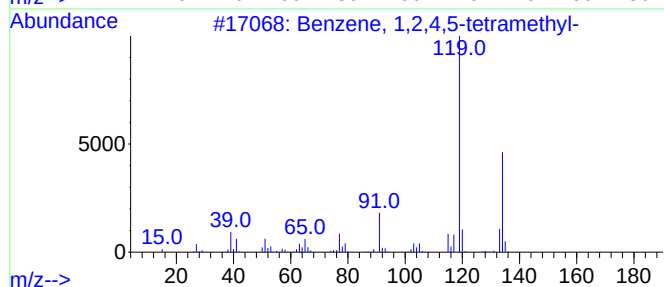
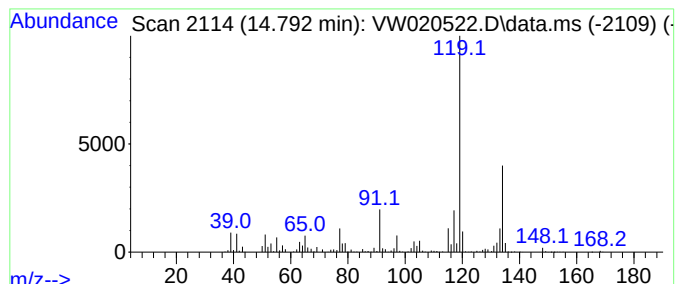
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Quant Title : SFAM01.0

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	42.12 ug/L	520112	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

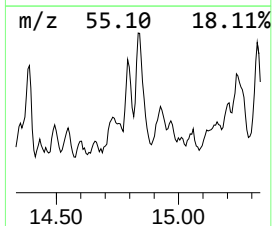
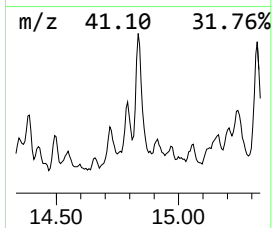
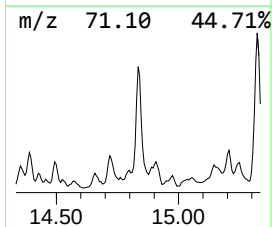
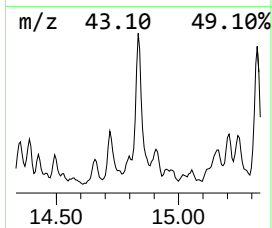
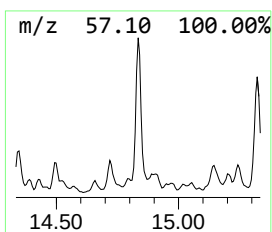
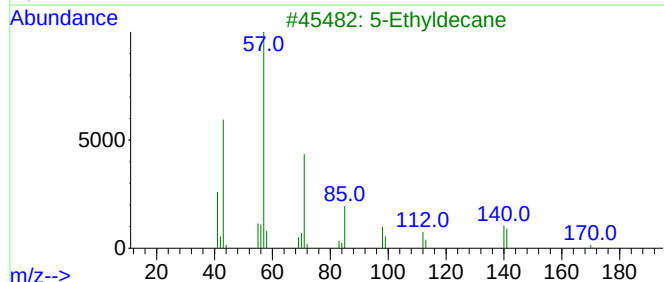
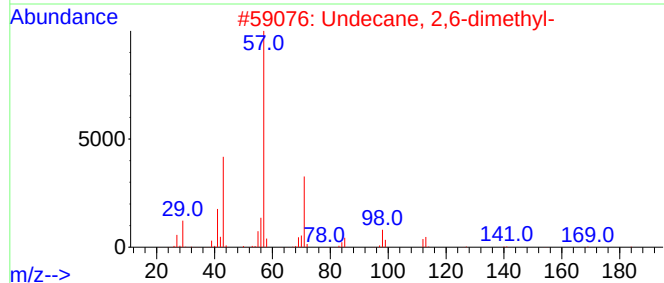
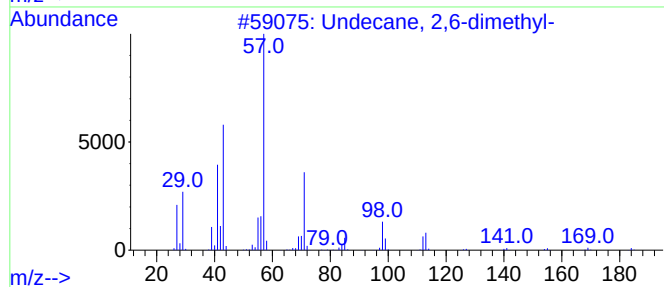
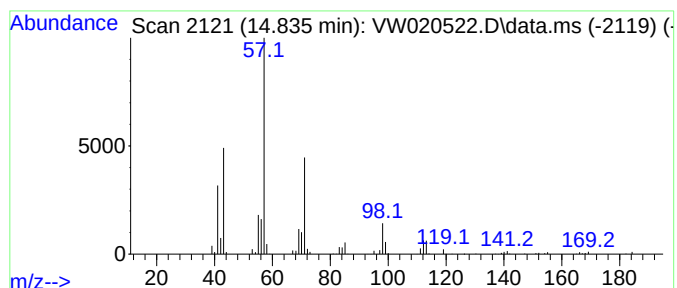
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.835	21.17 ug/L	261473	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86
3		5-Ethyldecane	170	C12H26	017302-36-2	72
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

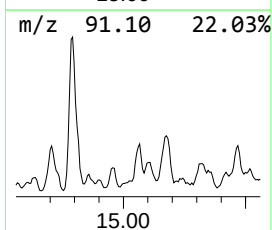
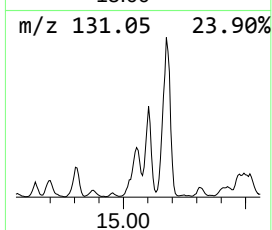
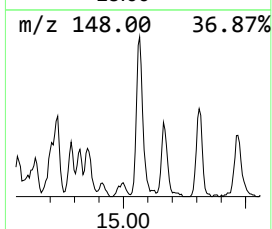
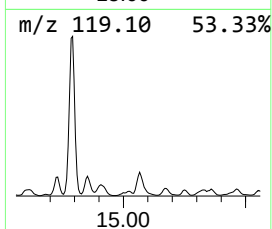
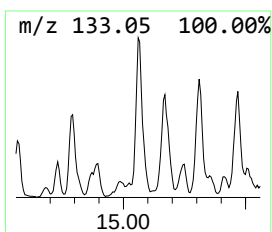
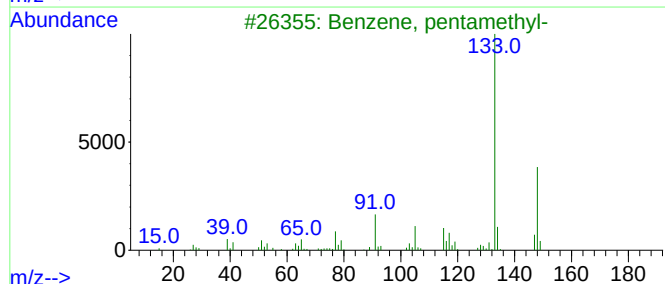
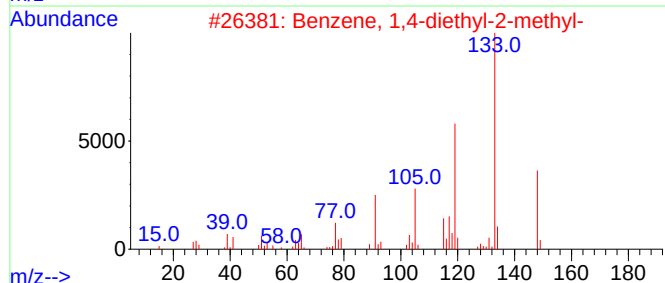
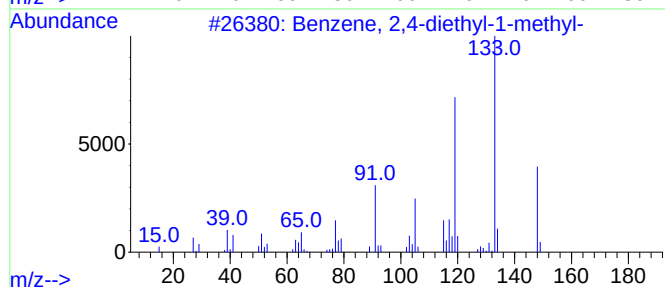
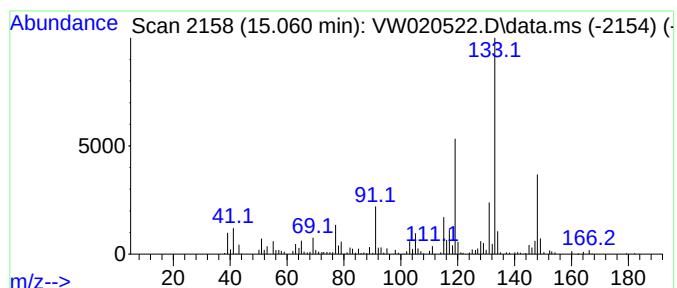
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Quant Title : SFAM01.0

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

Peak Number 14 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	9.10 ug/L	112394	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	81
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	81
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

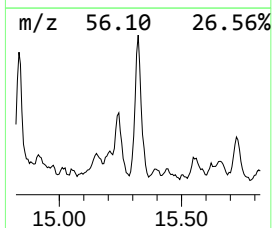
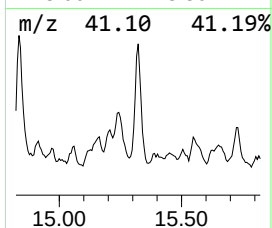
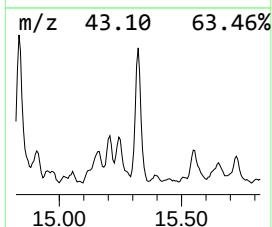
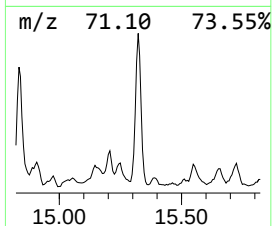
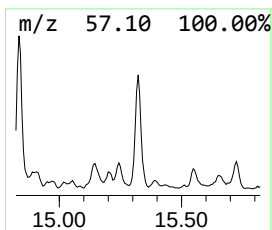
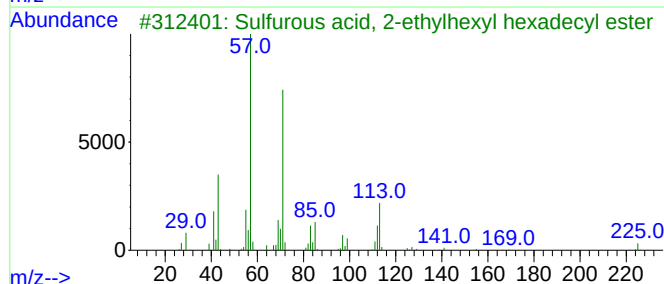
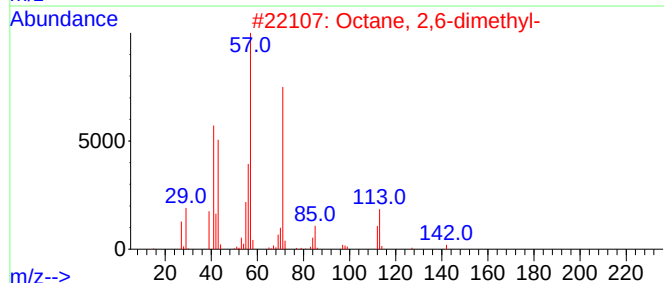
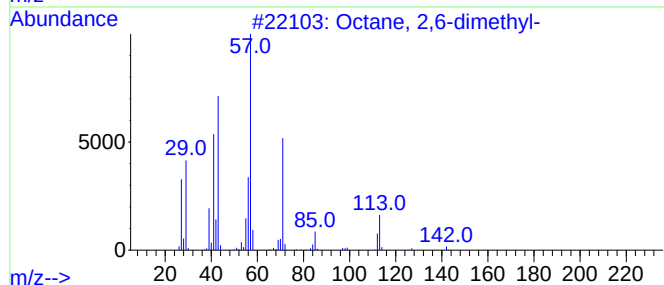
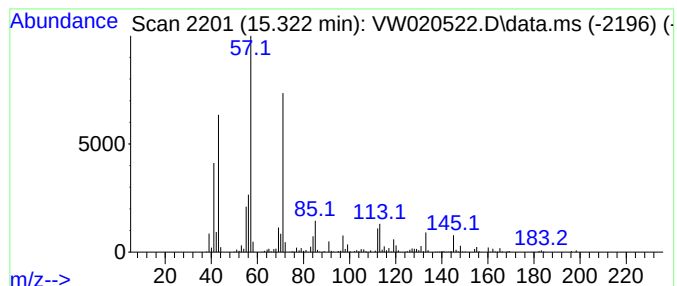
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	25.39 ug/L	313591	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
3			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5			Octane, 2-methyl-	128	C9H20	003221-61-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
Data File : VW020522.D
Acq On : 15 Oct 2021 04:00
Operator : SY/VA
Sample : M4210-10
Misc : 6.08g/10mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD5

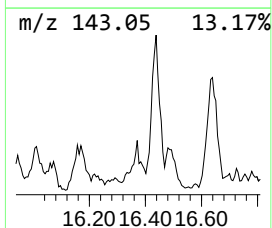
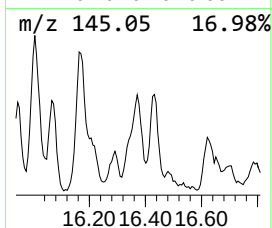
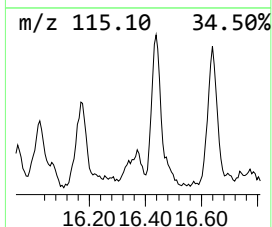
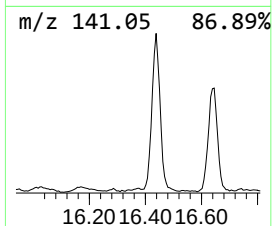
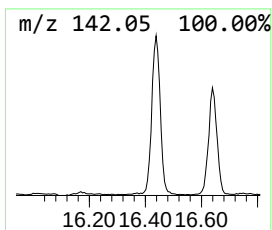
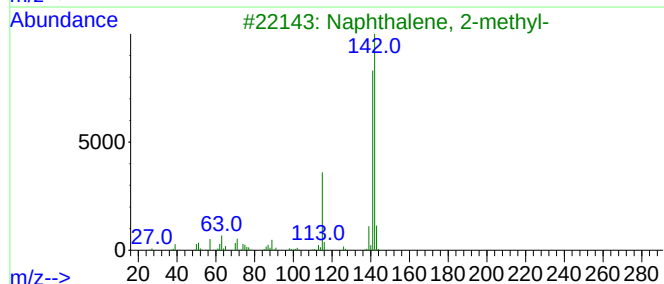
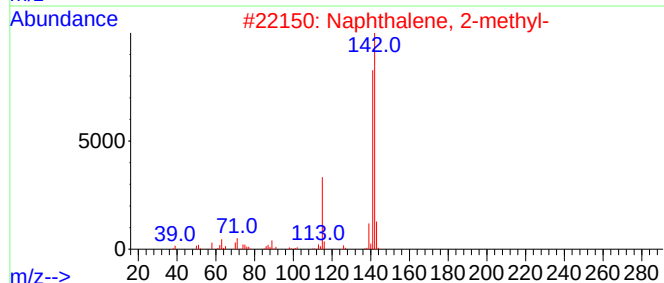
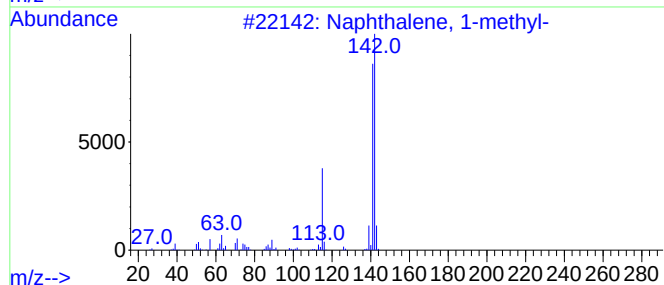
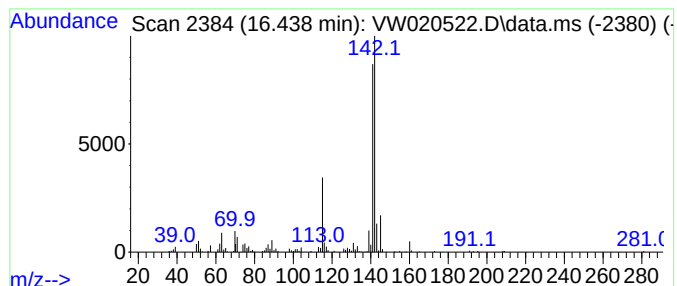
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Quant Title : SFAM01.0

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

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.438	6.52 ug/L	80555	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101421\
 Data File : VW020522.D
 Acq On : 15 Oct 2021 04:00
 Operator : SY/VA
 Sample : M4210-10
 Misc : 6.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JDGD5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.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
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Bicyclo[2.2.1]h...	13.048	2.9	ug/L	36110	3	13.560	308722	25.0
(DEL) Alkane: S...	13.164	2.0	ug/L	24089	3	13.560	308722	25.0
(DEL) Alkane: S...	13.481	1.5	ug/L	18743	3	13.560	308722	25.0
(DEL) Alkane: S...	14.133	5.2	ug/L	63955	3	13.560	308722	25.0
unknown-01	14.194	5.4	ug/L	66942	3	13.560	308722	25.0
unknown-02	14.262	3.5	ug/L	43756	3	13.560	308722	25.0
(DEL) Alkane: S...	14.347	11.5	ug/L	142172	3	13.560	308722	25.0
(DEL) Alkane: S...	14.390	4.5	ug/L	55259	3	13.560	308722	25.0
(DEL) Alkane: S...	14.493	5.7	ug/L	69718	3	13.560	308722	25.0
Benzene, 1,2,4,...	14.792	42.1	ug/L	520112	3	13.560	308722	25.0
(DEL) Alkane: S...	14.835	21.2	ug/L	261473	3	13.560	308722	25.0
Benzene, 2,4-di...	15.060	9.1	ug/L	112394	3	13.560	308722	25.0
(DEL) Alkane: S...	15.322	25.4	ug/L	313591	3	13.560	308722	25.0
Naphthalene, 1-...	16.438	6.5	ug/L	80555	3	13.560	308722	25.0