

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023106.D
 Acq On : 17 May 2022 17:25
 Operator : SY/VA
 Sample : N2883-04
 Misc : 6.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023106.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	6	9	19	rVB4	5740	11931	1.03%	0.103%
2	2.178	38	45	48	rBV4	5847	10413	0.90%	0.090%
3	2.349	64	73	82	rBV	119912	235632	20.34%	2.026%
4	2.489	93	96	100	rBV	8680	11684	1.01%	0.100%
5	2.629	115	119	120	rBV4	10484	12529	1.08%	0.108%
6	2.879	154	160	169	rVB	73942	157436	13.59%	1.354%
7	3.288	225	227	232	rVB5	1517	2151	0.19%	0.018%
8	3.379	235	242	247	rBV3	4982	12809	1.11%	0.110%
9	3.519	262	265	268	rBV4	1381	1997	0.17%	0.017%
10	3.556	268	271	274	rVV4	1264	1645	0.14%	0.014%
11	3.751	301	303	307	rVB5	1057	1425	0.12%	0.012%
12	3.830	309	316	318	rBV5	1735	3324	0.29%	0.029%
13	4.013	334	346	359	rBV	110960	341318	29.46%	2.935%
14	4.123	359	364	372	rVV2	17376	46366	4.00%	0.399%
15	4.208	372	378	388	rVB2	8278	22640	1.95%	0.195%
16	4.379	397	406	418	rBV3	29344	96183	8.30%	0.827%
17	4.733	460	464	466	rBV4	1275	1899	0.16%	0.016%
18	4.922	484	495	503	rBV7	8588	32081	2.77%	0.276%
19	5.147	527	532	533	rBV3	1204	1702	0.15%	0.015%
20	5.409	571	575	578	rBV6	1551	2578	0.22%	0.022%
21	5.434	578	579	585	rVB4	1665	2495	0.22%	0.021%
22	5.513	589	592	594	rBV3	1020	1382	0.12%	0.012%
23	5.781	628	636	640	rBV8	2703	6566	0.57%	0.056%
24	5.940	655	662	668	rVV6	3752	9790	0.85%	0.084%
25	6.714	785	789	791	rBV3	955	1505	0.13%	0.013%
26	7.000	827	836	841	rVB3	2091	6404	0.55%	0.055%
27	7.080	841	849	858	rBV	45808	134640	11.62%	1.158%
28	7.506	914	919	922	rBV6	1847	3589	0.31%	0.031%
29	7.647	931	942	958	rVB	201464	530217	45.77%	4.559%
30	7.762	958	961	964	rBV5	1095	1634	0.14%	0.014%
31	7.933	985	989	990	rBV4	2454	2391	0.21%	0.021%
32	8.147	1019	1024	1029	rBV8	1769	4105	0.35%	0.035%
33	8.275	1034	1045	1062	rBV2	375403	1158484	100.00%	9.961%
34	8.701	1106	1115	1119	rBV8	3278	9163	0.79%	0.079%
35	8.738	1119	1121	1128	rVB6	2775	4339	0.37%	0.037%
36	8.842	1128	1138	1149	rBV	411076	805993	69.57%	6.930%

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Integration Parameters: LSCINT.P

Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	8.939	1152	1154	1158	rVB4	1273	1467	0.13%	0.013%
38	9.073	1168	1176	1185	rBV	71743	150066	12.95%	1.290%
39	9.177	1191	1193	1198	rBV5	1054	1628	0.14%	0.014%
40	9.274	1200	1209	1218	rBV	271077	558509	48.21%	4.802%
41	9.512	1245	1248	1249	rBV2	1330	1531	0.13%	0.013%
42	9.561	1253	1256	1259	rVB5	1162	1487	0.13%	0.013%
43	9.598	1259	1262	1264	rBV3	1738	2142	0.18%	0.018%
44	9.652	1267	1271	1272	rBV4	2145	2439	0.21%	0.021%
45	9.726	1277	1283	1293	rVB2	25299	52997	4.57%	0.456%
46	9.896	1306	1311	1316	rBV7	2546	4583	0.40%	0.039%
47	9.957	1316	1321	1323	rBV6	1829	2694	0.23%	0.023%
48	10.036	1325	1334	1342	rBV	131940	247794	21.39%	2.131%
49	10.207	1354	1362	1373	rBV2	15584	34224	2.95%	0.294%
50	10.323	1373	1381	1387	rBV	515803	892229	77.02%	7.671%
51	10.384	1387	1391	1397	rVB	27510	49294	4.26%	0.424%
52	10.475	1404	1406	1407	rBV2	2031	1759	0.15%	0.015%
53	10.500	1407	1410	1416	rVB7	6409	10987	0.95%	0.094%
54	10.579	1416	1423	1431	rBV	88849	159948	13.81%	1.375%
55	10.695	1439	1442	1448	rVB3	10841	18793	1.62%	0.162%
56	10.756	1448	1452	1460	rVB10	2663	5768	0.50%	0.050%
57	10.866	1464	1470	1473	rBV7	2989	5585	0.48%	0.048%
58	10.920	1473	1479	1491	rBV	178517	315244	27.21%	2.710%
59	11.067	1498	1503	1506	rBV5	3799	6788	0.59%	0.058%
60	11.097	1506	1508	1510	rVV3	2215	2598	0.22%	0.022%
61	11.183	1518	1522	1525	rVV5	5715	9559	0.83%	0.082%
62	11.225	1526	1529	1533	rVV3	7005	10807	0.93%	0.093%
63	11.286	1535	1539	1543	rVV4	8501	14029	1.21%	0.121%
64	11.335	1545	1547	1550	rVB4	3323	3548	0.31%	0.031%
65	11.414	1555	1560	1562	rBV5	4473	7907	0.68%	0.068%
66	11.506	1572	1575	1583	rBV4	4173	6883	0.59%	0.059%
67	11.628	1588	1595	1606	rBV	526087	880829	76.03%	7.573%
68	11.731	1606	1612	1620	rBV	16497	31099	2.68%	0.267%
69	11.835	1622	1629	1638	rBV2	51641	108817	9.39%	0.936%
70	11.969	1647	1651	1657	rBV9	2927	5846	0.50%	0.050%
71	12.164	1672	1683	1690	rBV2	21070	61653	5.32%	0.530%
72	12.249	1691	1697	1702	rVB2	14878	27254	2.35%	0.234%
73	12.469	1728	1733	1736	rBV6	8685	17559	1.52%	0.151%
74	12.609	1752	1756	1760	rBV7	8469	16771	1.45%	0.144%
75	12.646	1760	1762	1764	rVV2	6370	7266	0.63%	0.062%
76	12.688	1764	1769	1777	rVB	191658	319393	27.57%	2.746%

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 Title : SFAM01.0

77	12.780	1779	1784	1791	rVB5	22573	45016	3.89%	0.387%
78	12.865	1791	1798	1801	rBV5	18471	41230	3.56%	0.354%
79	12.926	1801	1808	1815	rVB4	71012	144668	12.49%	1.244%
80	13.073	1829	1832	1836	rBV5	9459	17900	1.55%	0.154%
81	13.164	1843	1847	1854	rVB2	39027	62202	5.37%	0.535%
82	13.249	1857	1861	1865	rVV	21877	31667	2.73%	0.272%
83	13.341	1873	1876	1879	rBV4	10156	13564	1.17%	0.117%
84	13.444	1888	1893	1896	rBV4	31672	54745	4.73%	0.471%
85	13.554	1906	1911	1919	rVB	408039	671377	57.95%	5.773%
86	13.621	1919	1922	1929	rVB4	17584	31145	2.69%	0.268%
87	13.786	1946	1949	1953	rBV2	17847	24315	2.10%	0.209%
88	13.853	1954	1960	1968	rVV2	339938	722074	62.33%	6.208%
89	14.200	2011	2017	2022	rBV3	51213	97943	8.45%	0.842%
90	14.341	2033	2040	2043	rBV6	33752	90251	7.79%	0.776%
91	14.383	2044	2047	2051	rVB4	61432	86651	7.48%	0.745%
92	14.493	2062	2065	2069	rVB3	38520	45809	3.95%	0.394%
93	14.542	2069	2073	2080	rVB5	39958	66356	5.73%	0.571%
94	14.719	2097	2102	2108	rBV2	147932	218802	18.89%	1.881%
95	14.792	2109	2114	2117	rBV2	81957	153306	13.23%	1.318%
96	14.834	2118	2121	2128	rVB2	97307	177114	15.29%	1.523%
97	15.316	2196	2200	2209	rBV2	161998	282082	24.35%	2.425%
98	15.548	2234	2238	2247	rVB2	166370	309605	26.73%	2.662%
99	16.279	2353	2358	2365	rVB	170517	319925	27.62%	2.751%
100	16.487	2388	2392	2397	rVB2	109680	172626	14.90%	1.484%

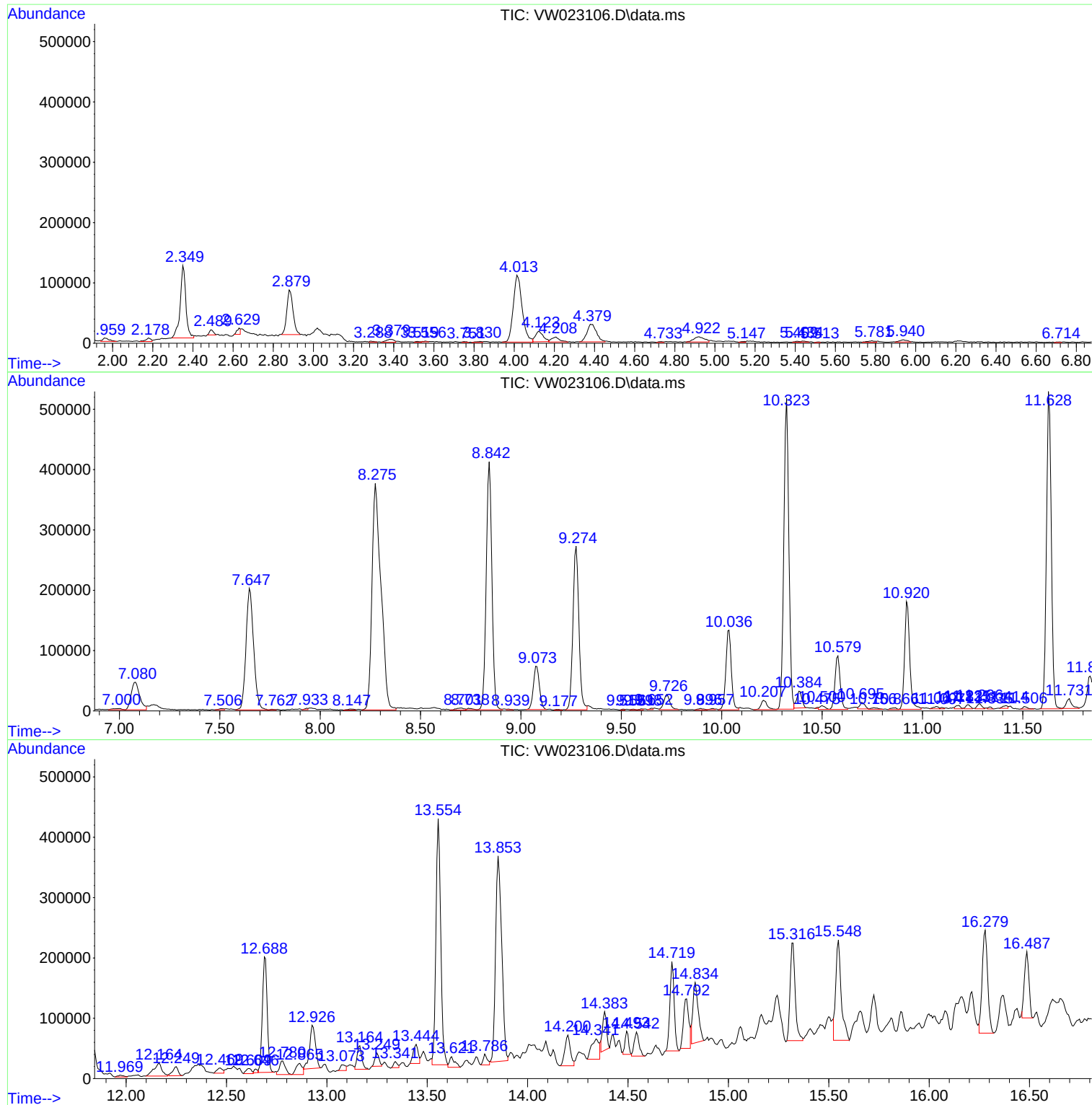
Sum of corrected areas: 11630587

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Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
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Instrument :
MSVOA_W
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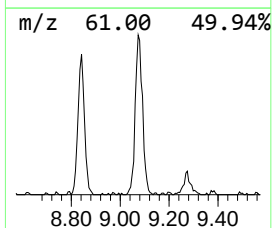
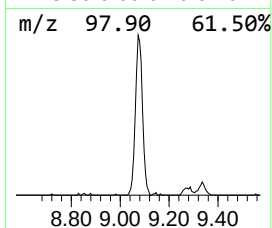
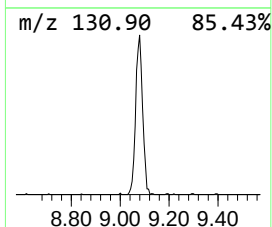
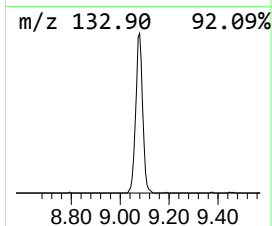
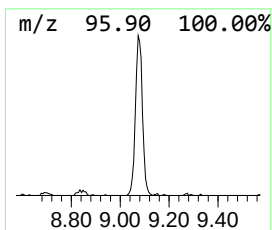
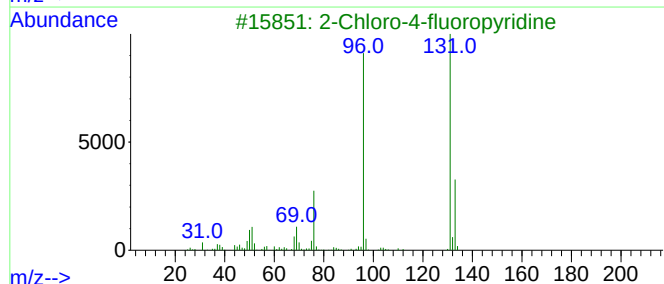
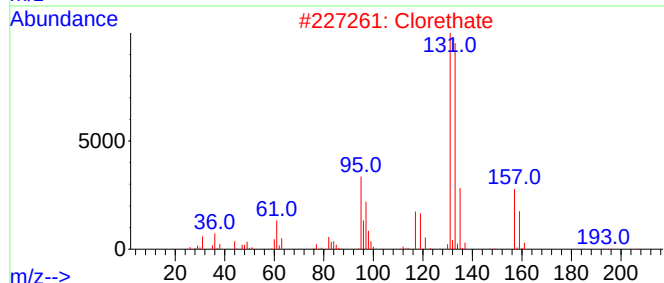
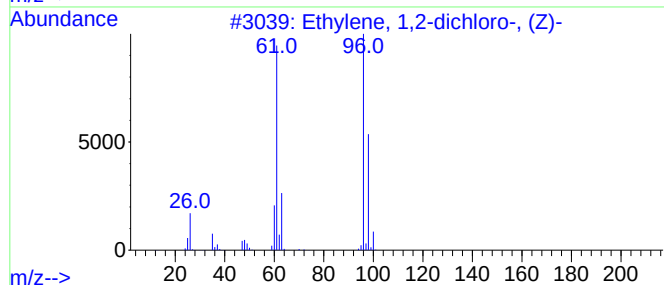
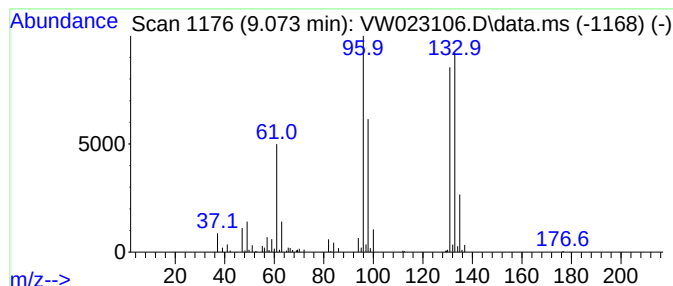
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	4.65 ug/L	150066	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
2			Clorethate	322	C5H4Cl6O3	005634-37-7	25
3			2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	9
4			4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5			Difluoro(methylamino)phosphine s...	131	CH4F2NPS	1000306-16-8	9



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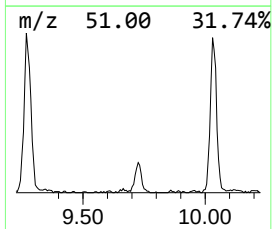
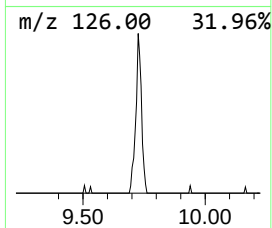
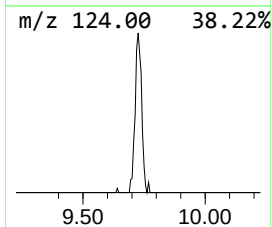
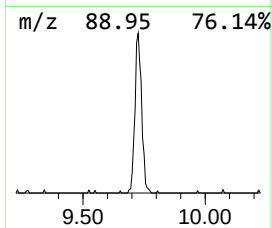
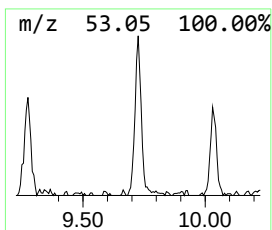
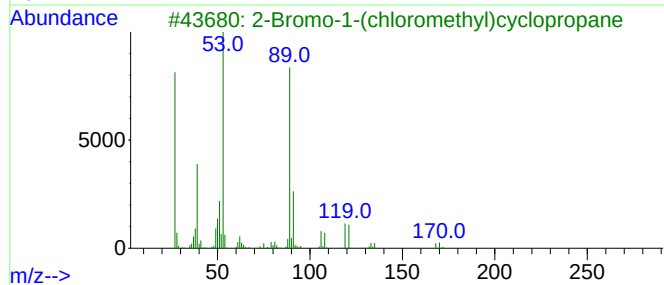
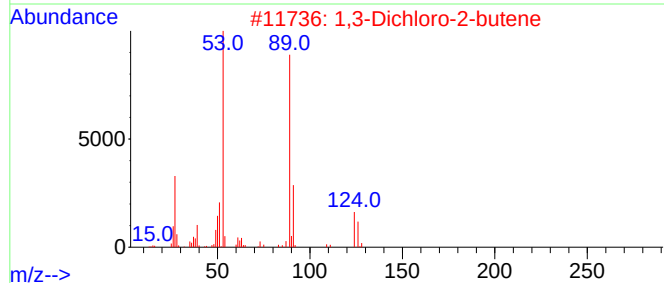
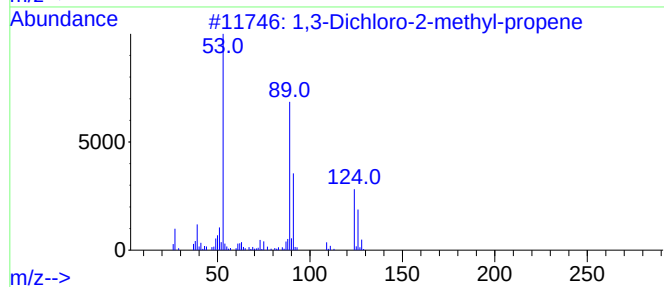
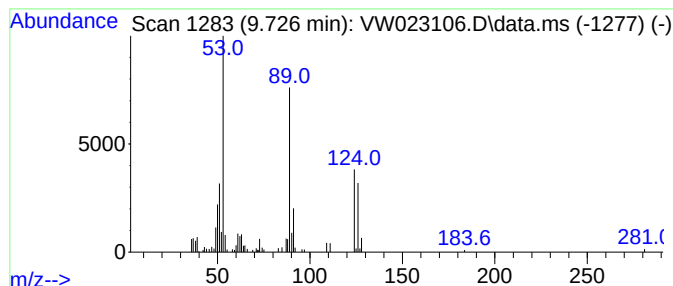
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 1,3-Dichloro-2-methyl-propene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.726	1.64 ug/L	52997	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	95
2			1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
3			2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	72
4			1,3-Butadiene, 1-bromo-	132	C4H5Br	021890-35-7	35
5			1,3-Butadiene, 2-chloro-	88	C4H5Cl	000126-99-8	32



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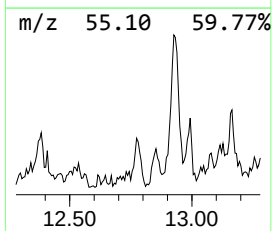
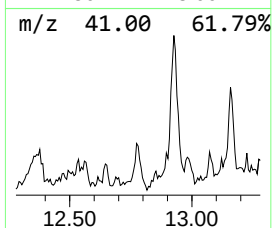
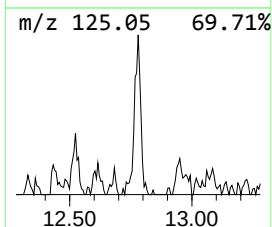
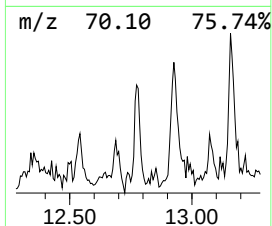
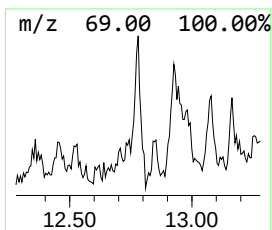
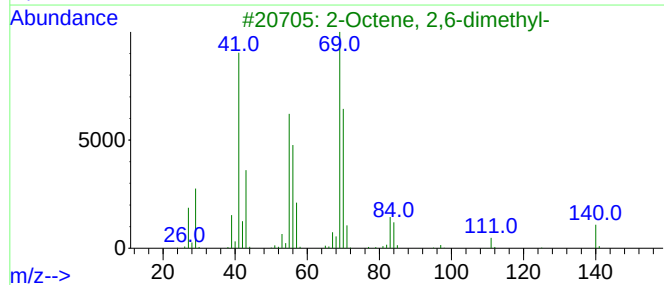
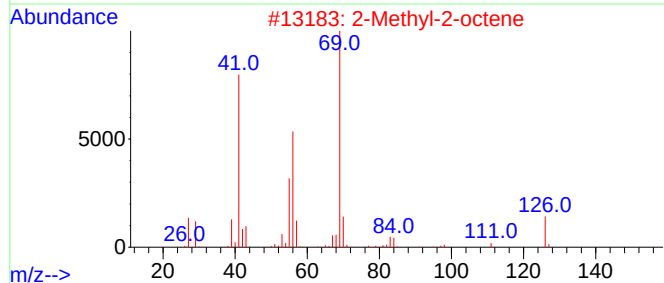
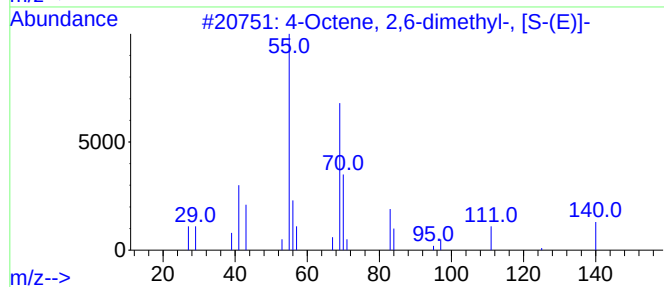
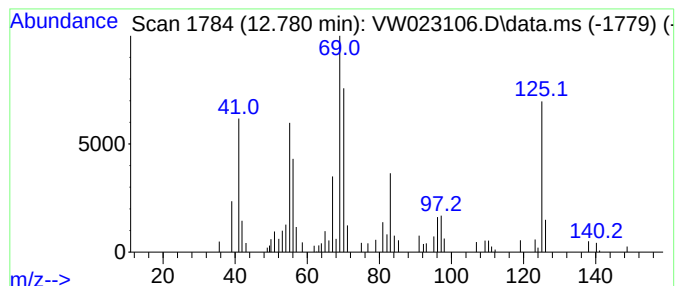
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.780	1.68 ug/L	45016	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	50
2			2-Methyl-2-octene	126	C9H18	016993-86-5	38
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
4			2-Methyl-2-octene	126	C9H18	016993-86-5	38
5			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

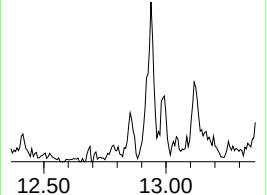
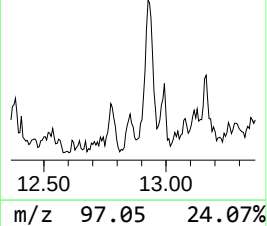
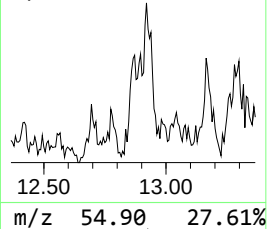
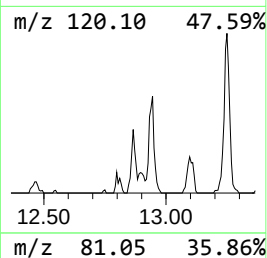
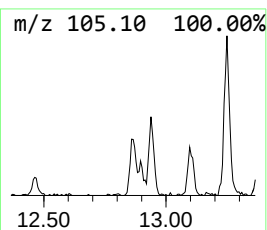
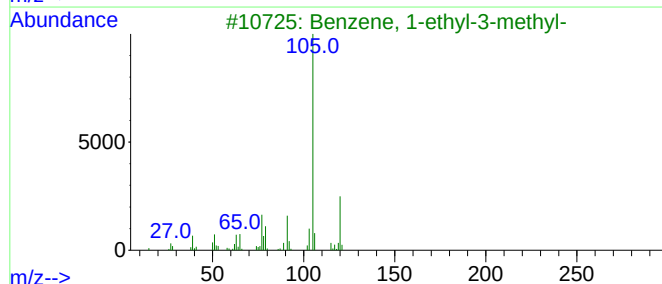
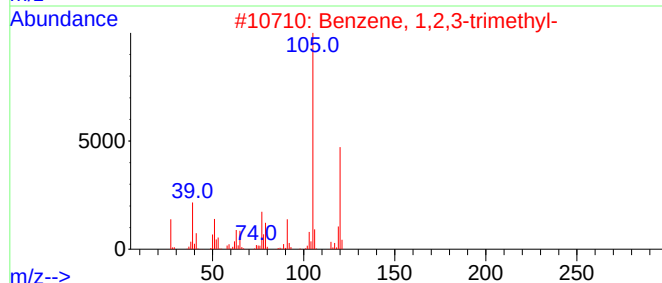
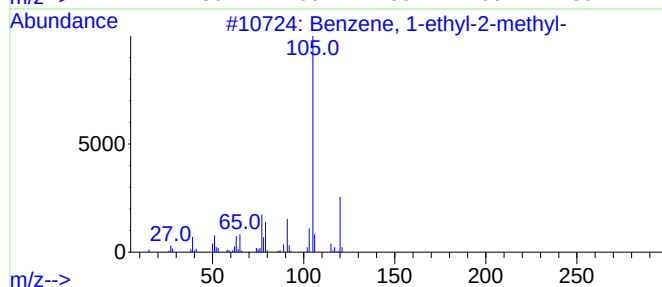
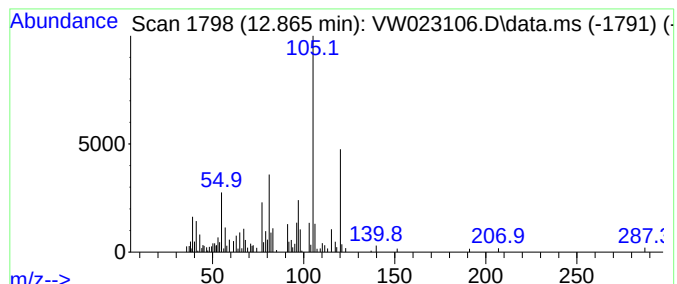
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Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.865	1.54 ug/L	41230	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	60
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	52
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	52
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

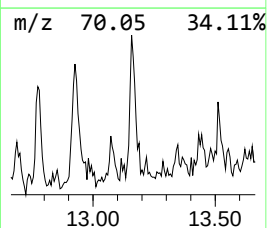
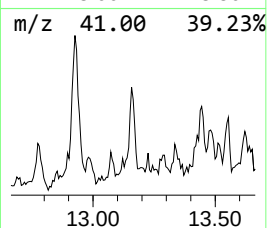
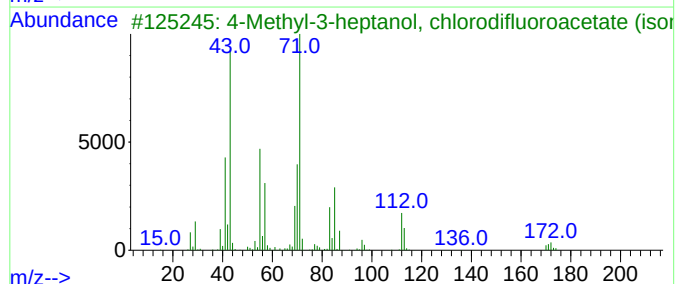
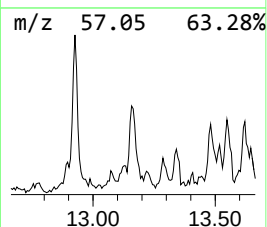
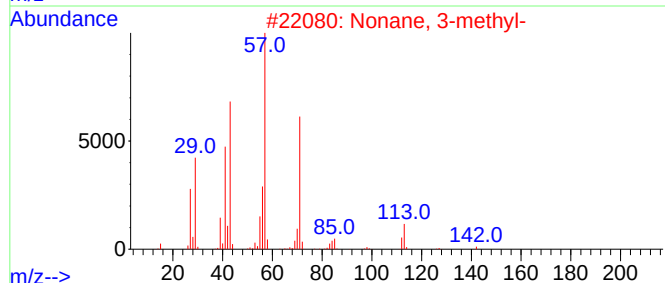
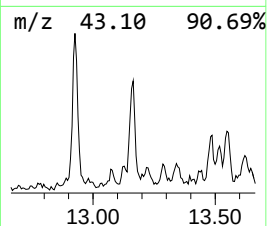
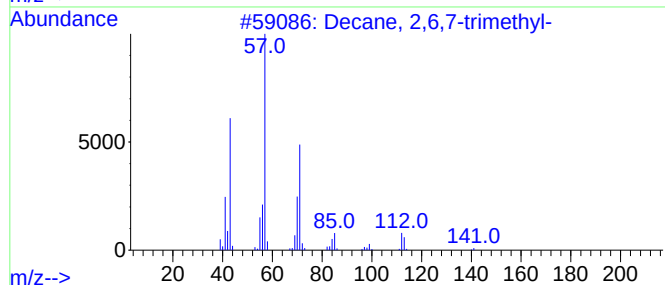
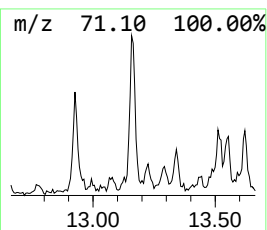
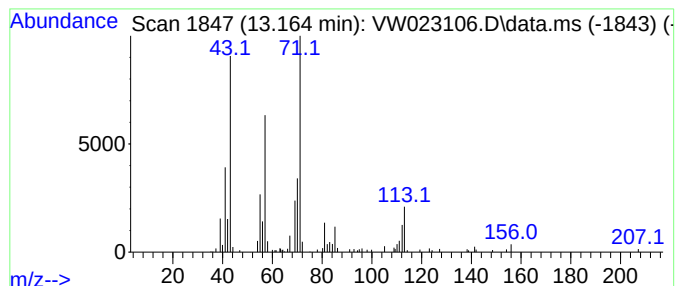
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	2.32 ug/L	62202	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-4	53
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5			Oxalic acid, monoamide, N-(2-eth...	271	C15H29NO3	1000309-32-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

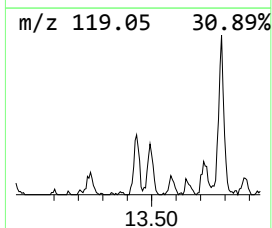
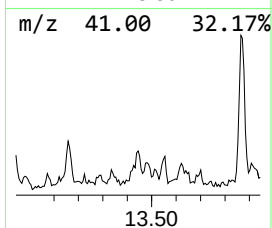
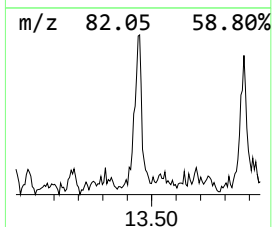
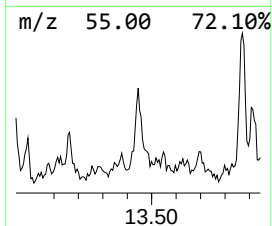
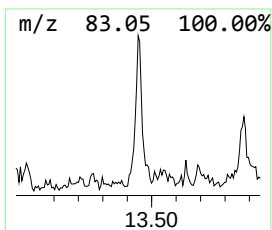
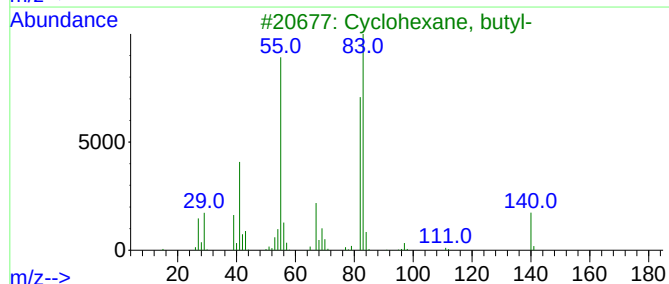
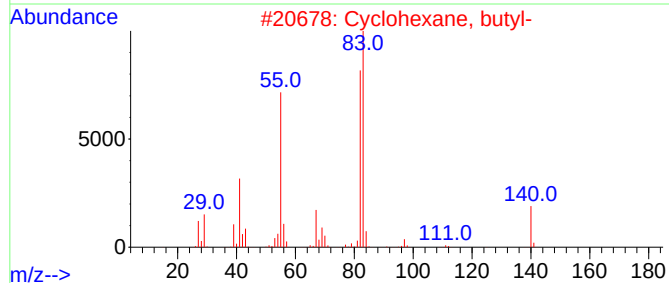
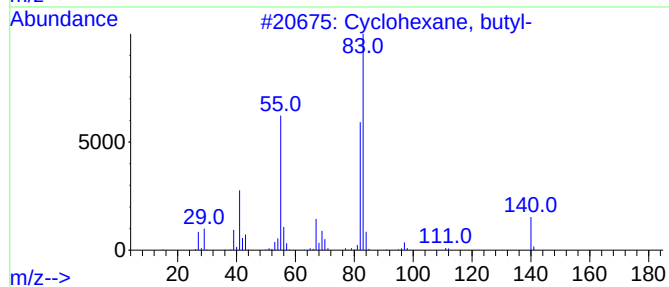
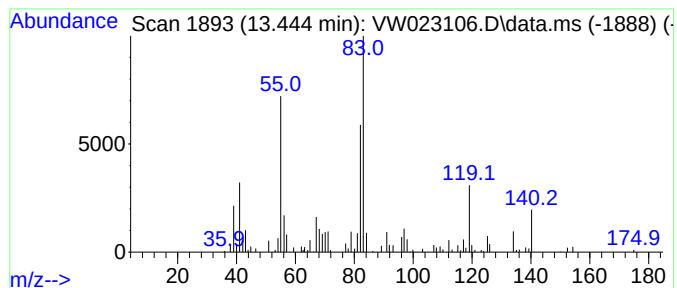
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic13.444 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	2.04 ug/L	54745	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	58
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	53
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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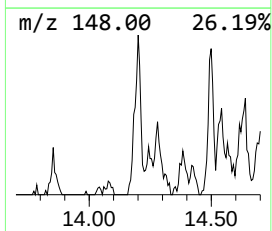
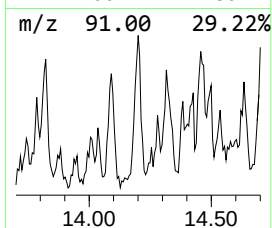
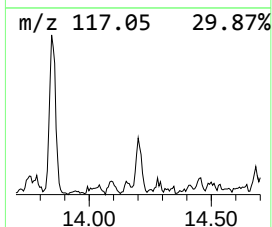
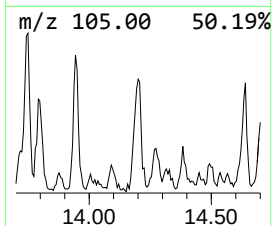
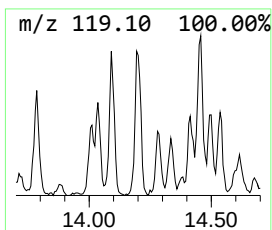
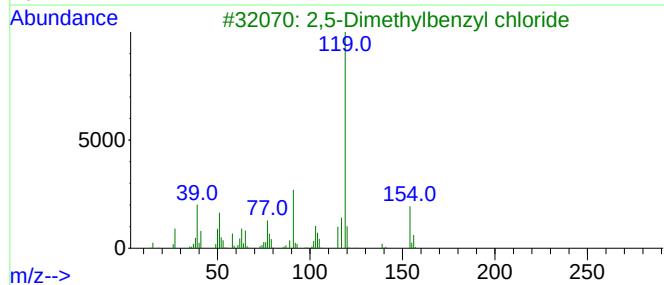
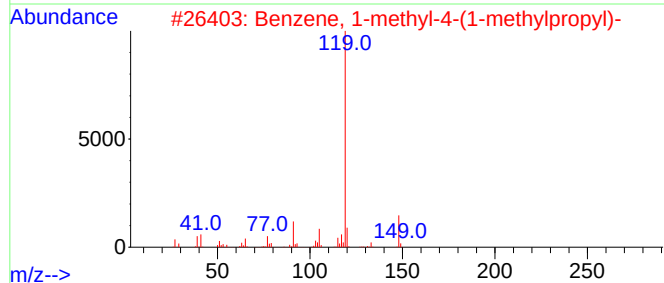
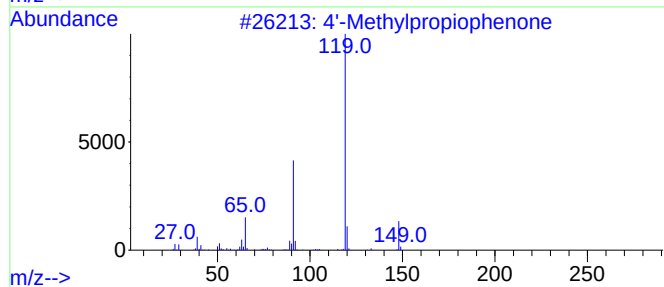
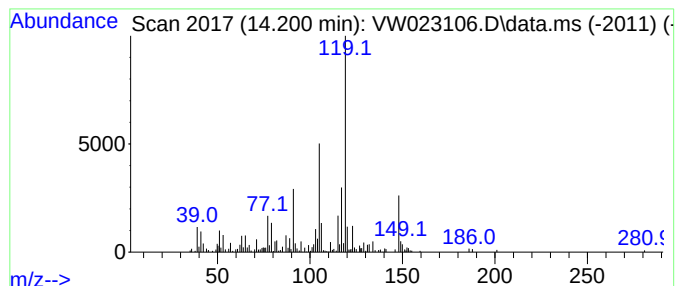
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Quant Title : SFAM01.0

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

Peak Number 8 4'-Methylpropiophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.200	3.65 ug/L	97943	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4'-Methylpropiophenone	148	C10H12O	005337-93-9	64
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62
3			2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	58
4			4'-Methylpropiophenone	148	C10H12O	005337-93-9	52
5			p-Cymene	134	C10H14	000099-87-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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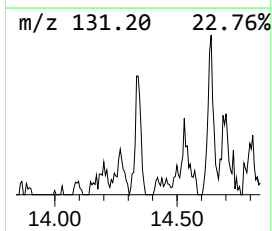
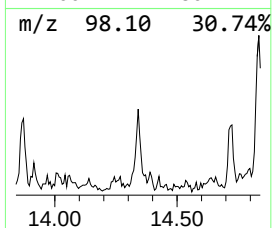
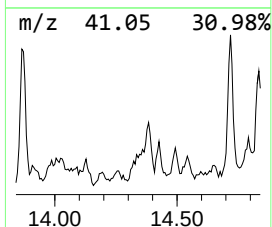
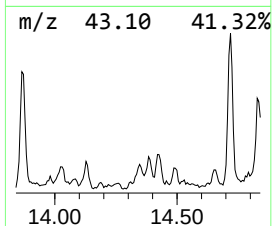
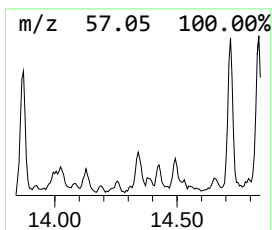
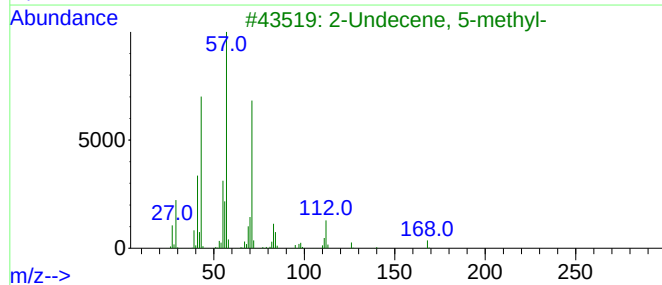
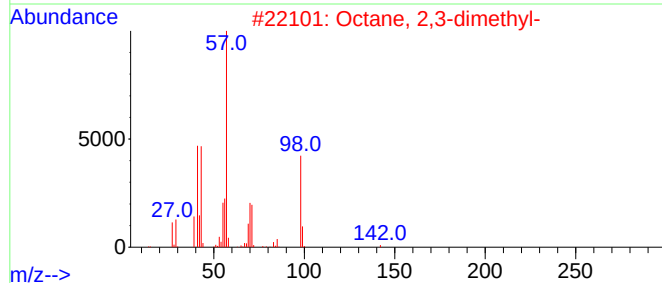
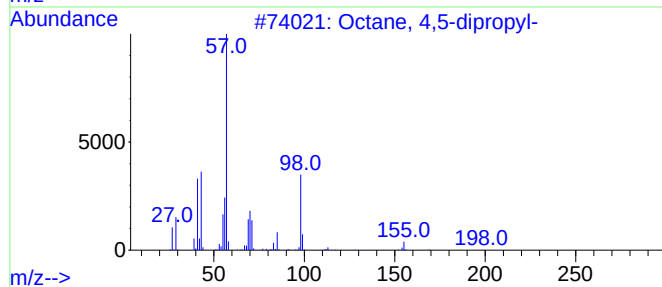
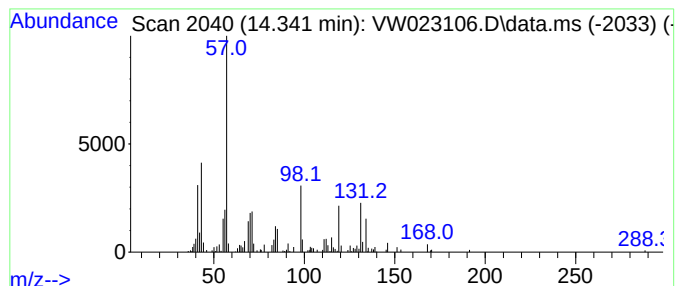
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.341	3.36 ug/L	90251	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	38
2			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	35
3			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	30
4			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	27
5			Undecane, 6-methyl-	170	C12H26	017302-33-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

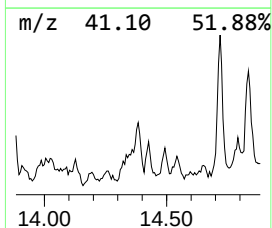
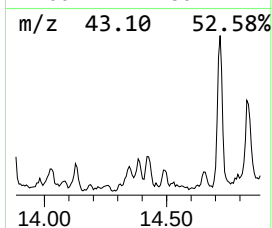
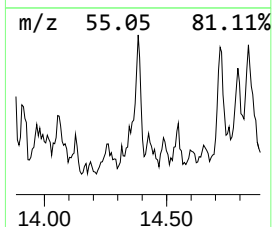
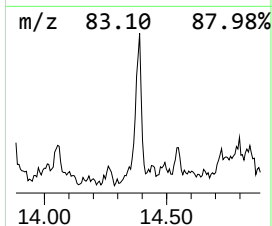
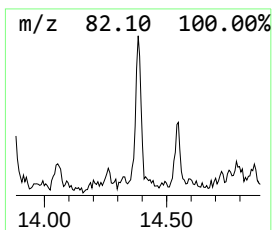
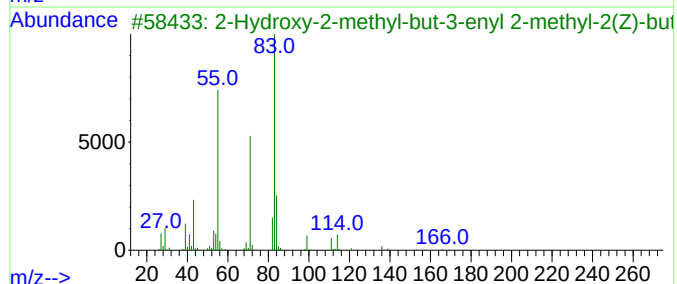
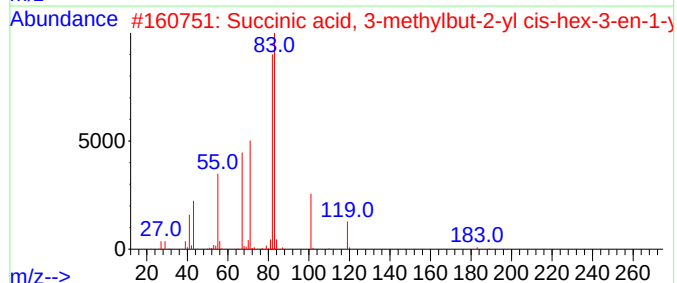
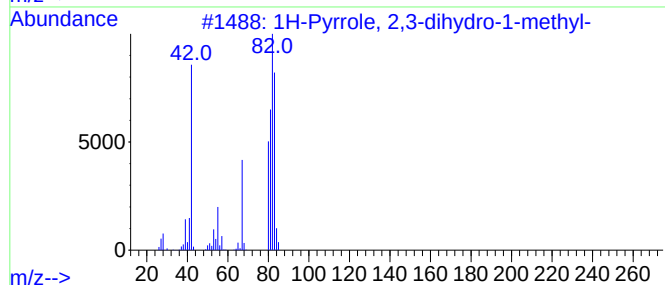
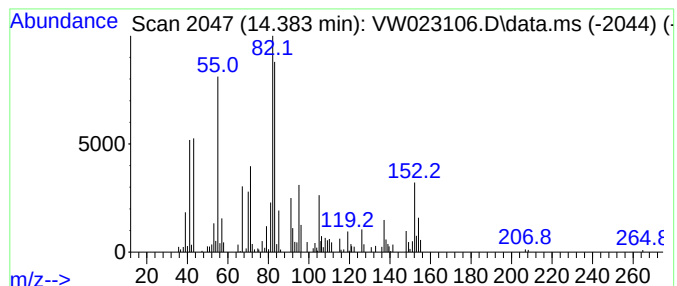
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	3.23 ug/L	86651	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	43
2			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-08-2	38
3			2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	35
4			2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	35
5			5-(Furan-3-yl)-2-methylpent-1-en...	166	C10H14O2	072075-28-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

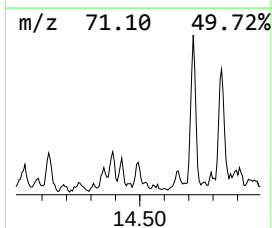
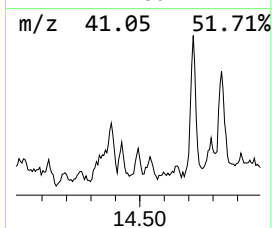
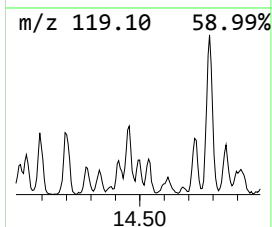
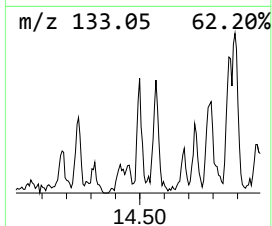
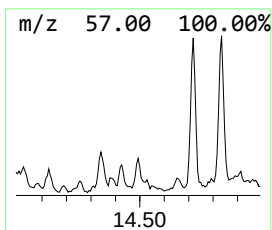
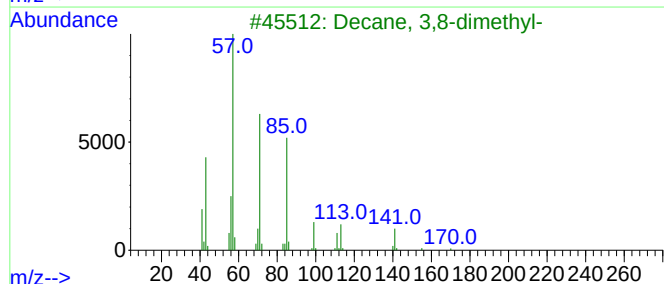
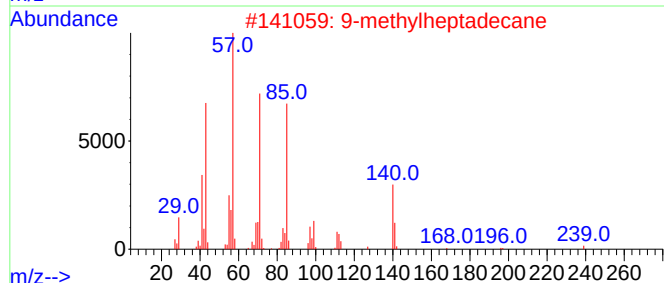
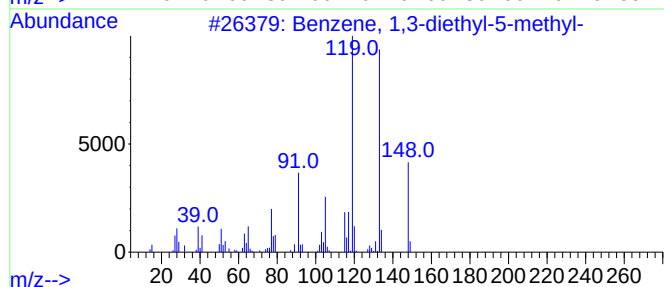
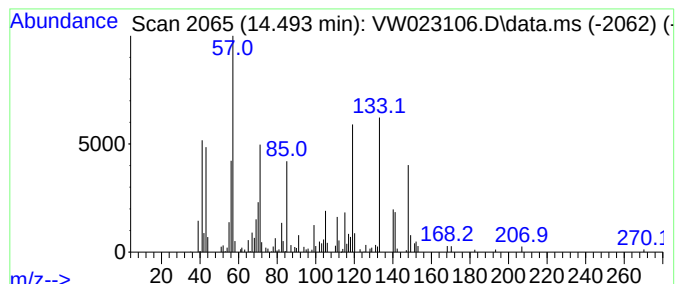
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	1.71 ug/L	45809	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	27
2			9-methylheptadecane	254	C18H38	026741-18-4	27
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	27
4			Eicosane, 3-methyl-	296	C21H44	006418-46-8	27
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

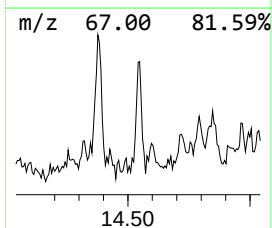
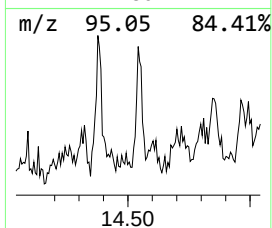
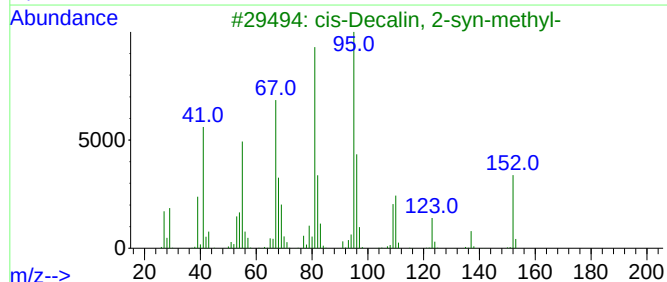
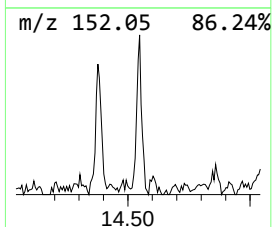
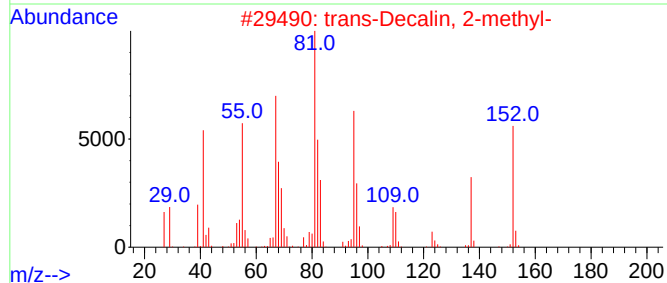
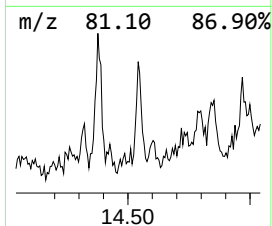
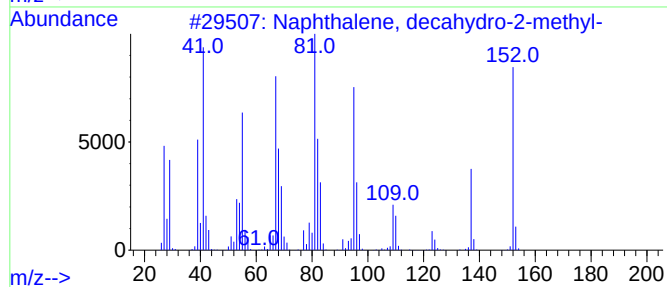
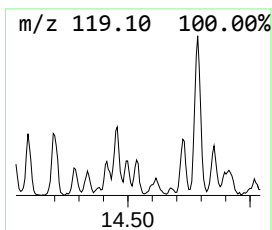
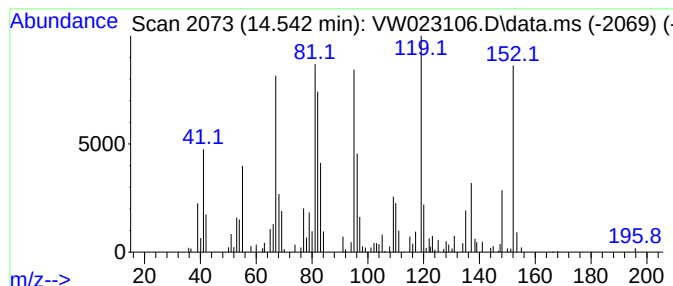
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	2.47 ug/L	66356	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	60
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

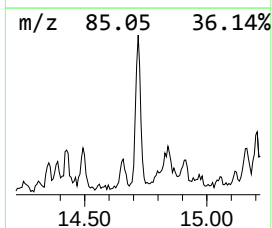
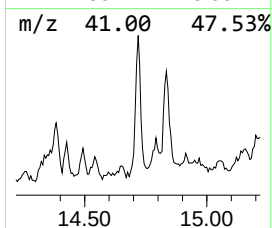
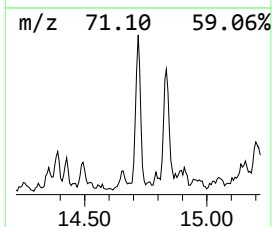
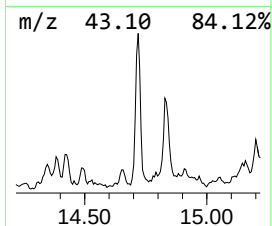
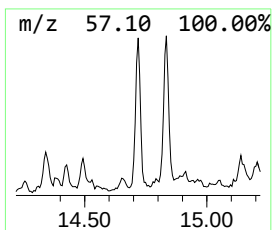
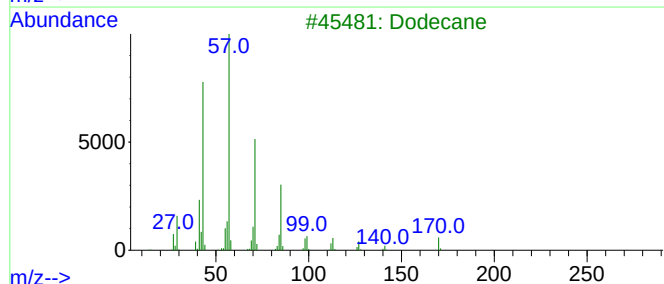
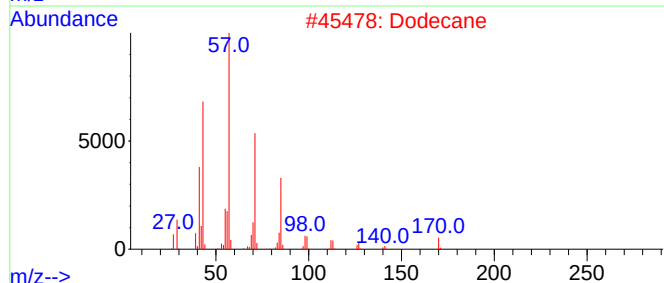
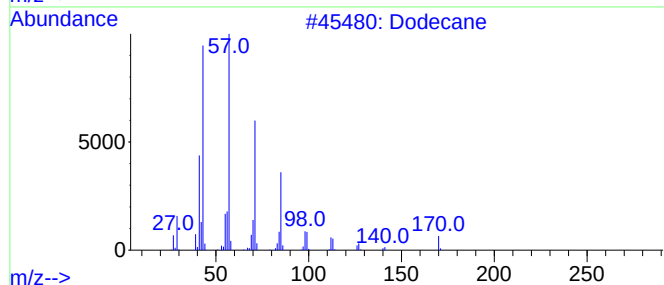
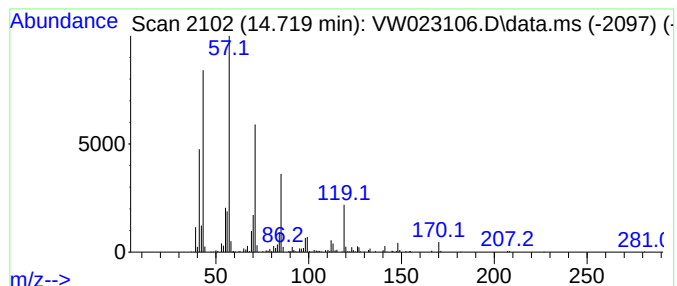
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	8.15 ug/L	218802	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Dodecane	170	C12H26	000112-40-3	94
3			Dodecane	170	C12H26	000112-40-3	68
4			Tridecane	184	C13H28	000629-50-5	68
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

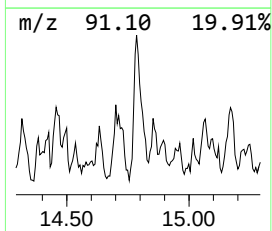
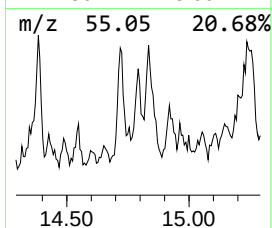
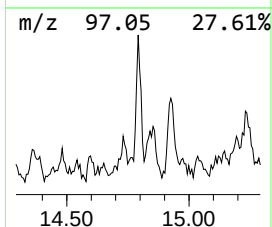
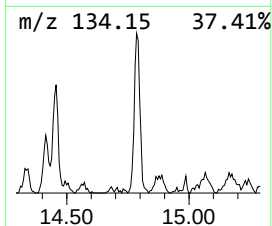
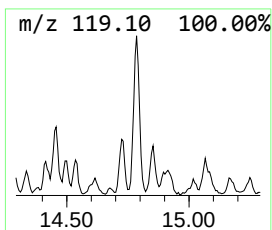
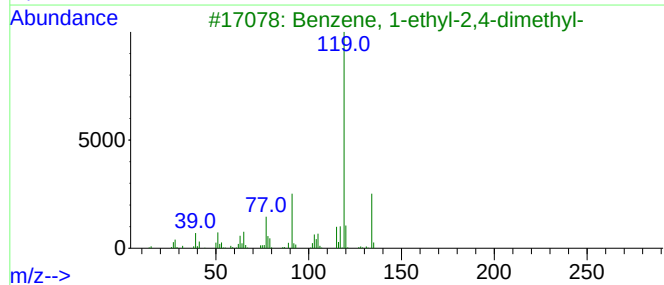
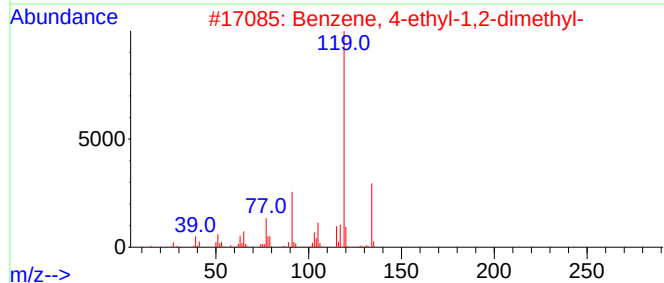
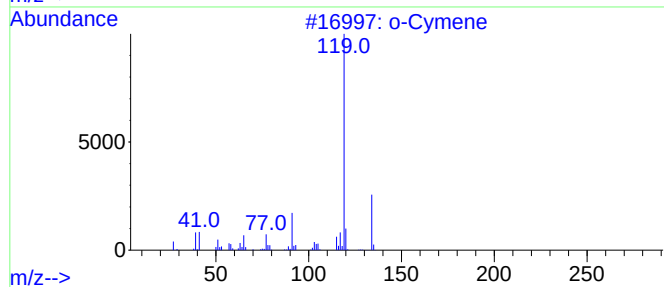
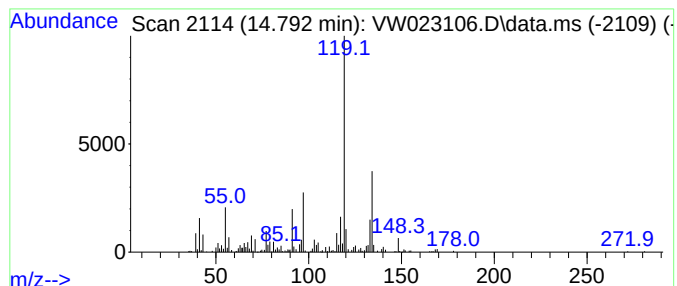
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Quant Title : SFAM01.0

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

Peak Number 14 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	5.71 ug/L	153306	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			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

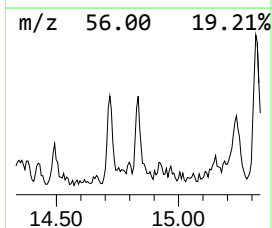
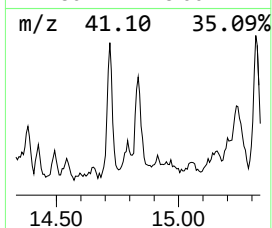
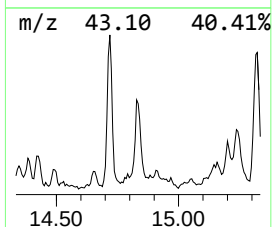
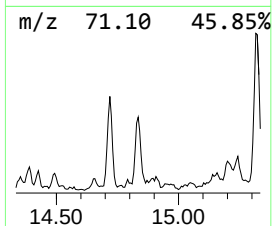
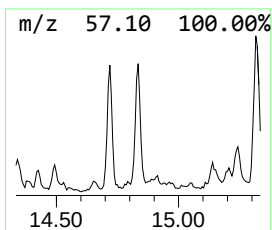
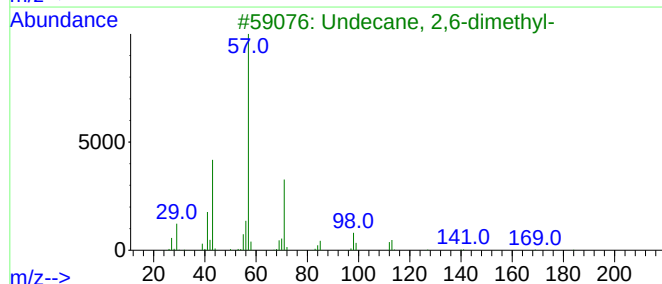
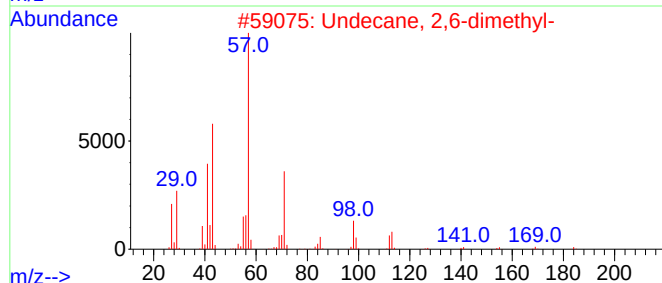
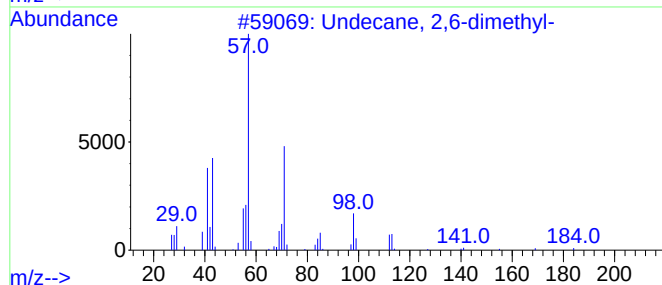
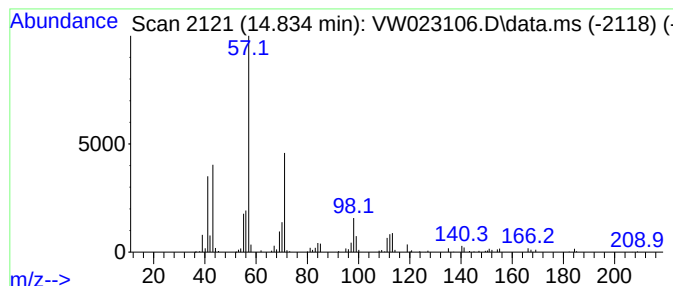
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.834	6.60 ug/L	177114	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

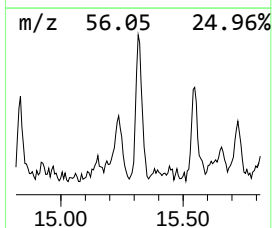
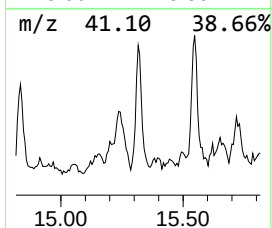
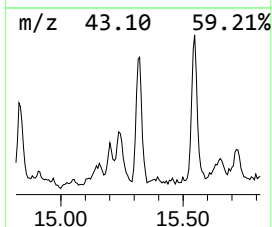
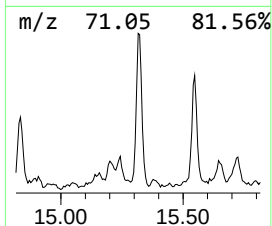
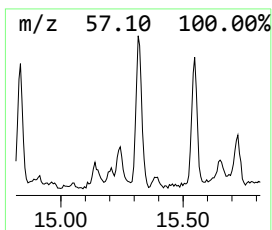
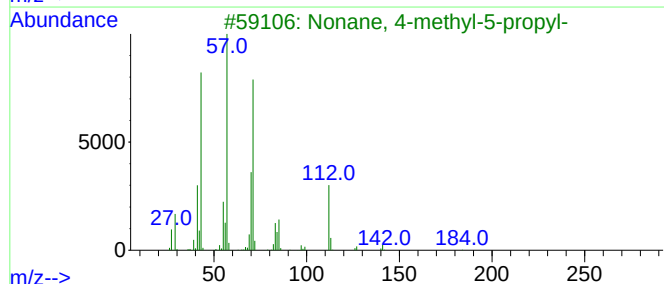
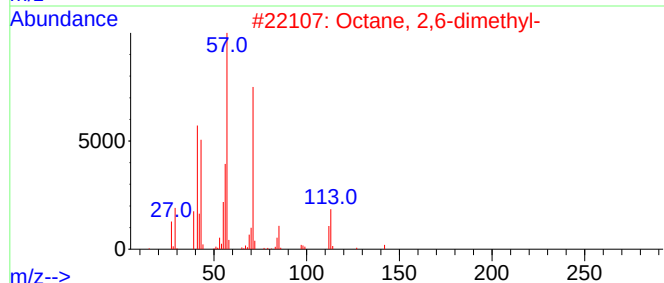
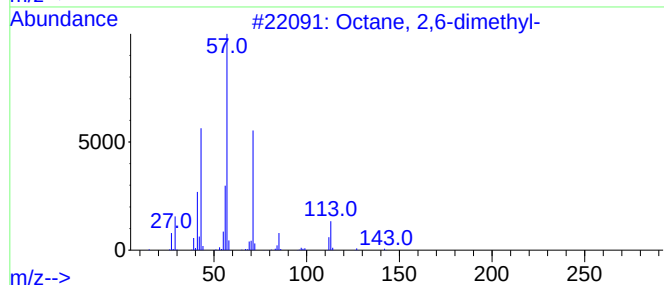
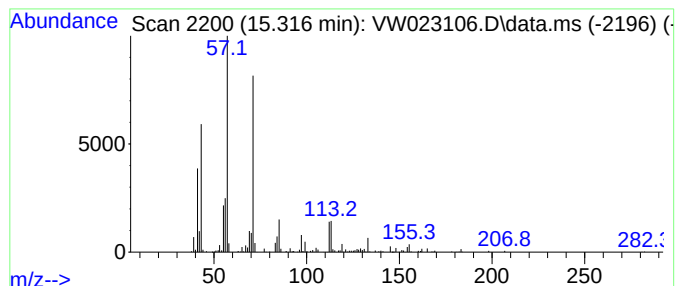
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	10.50 ug/L	282082	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	78		
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72		
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	68		
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64		
5	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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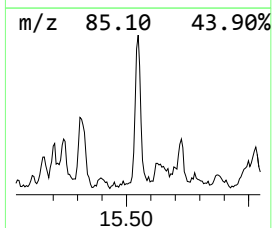
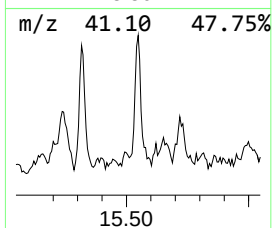
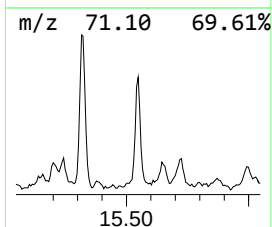
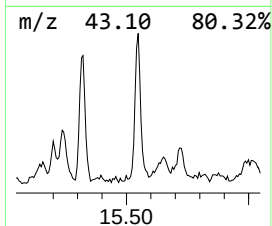
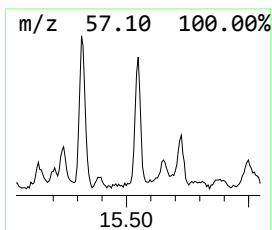
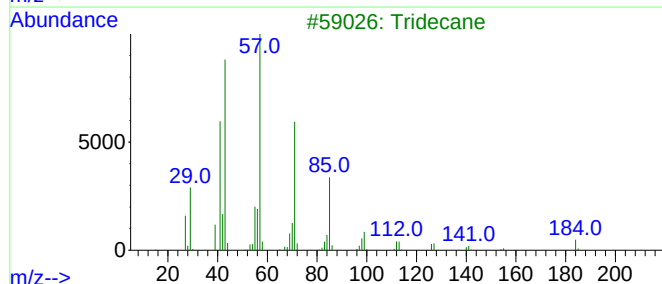
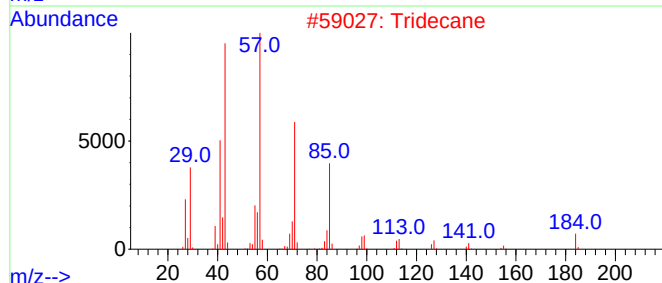
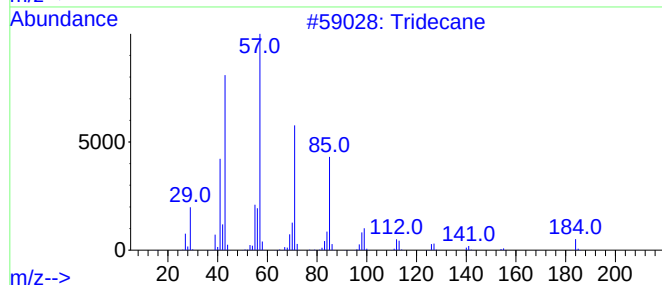
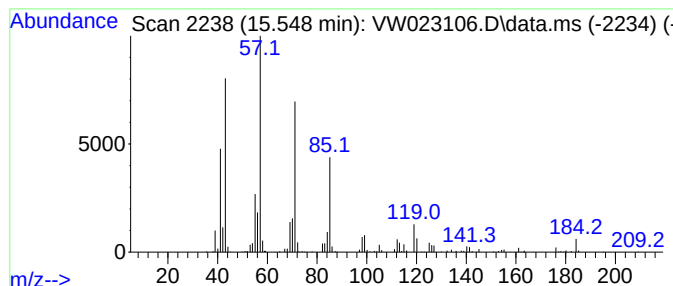
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	11.53 ug/L	309605	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Tridecane	184	C13H28	000629-50-5	94
3			Tridecane	184	C13H28	000629-50-5	92
4			Tridecane	184	C13H28	000629-50-5	83
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

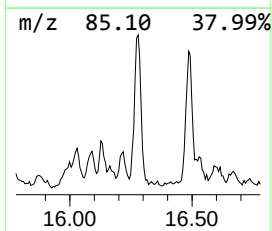
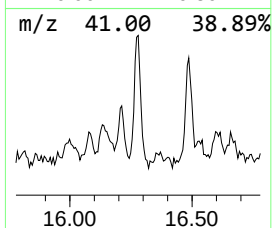
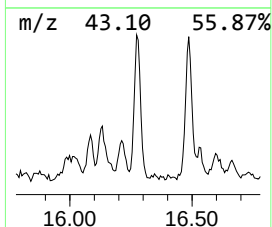
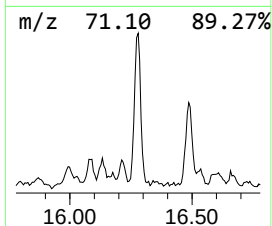
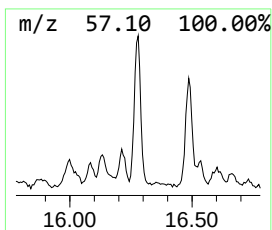
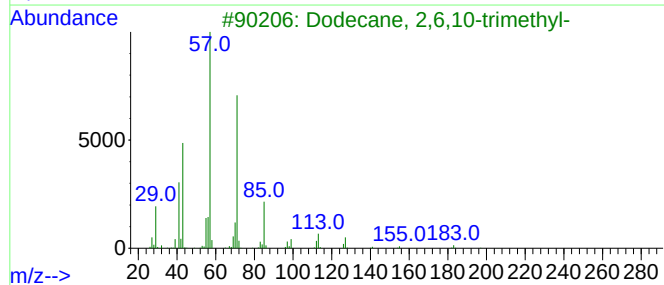
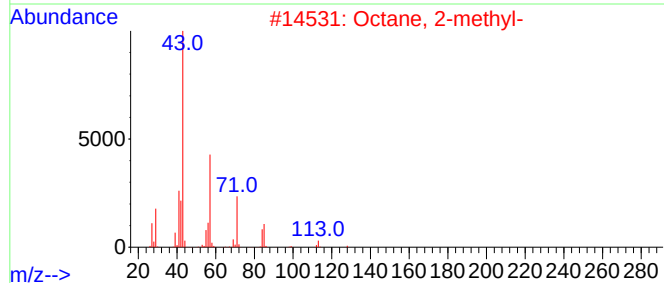
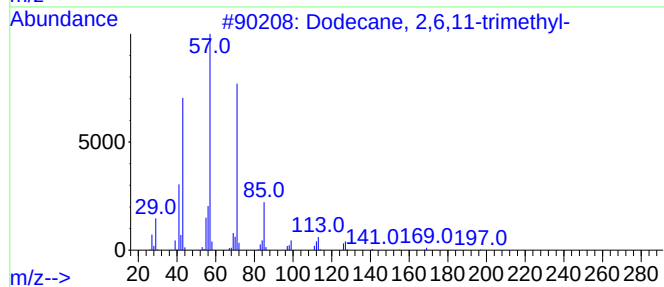
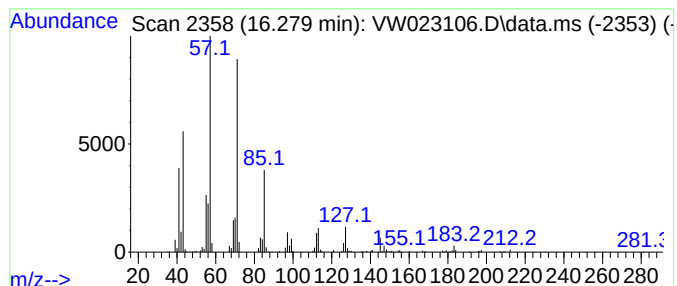
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	11.91 ug/L	319925	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2			Octane, 2-methyl-	128	C9H20	003221-61-2	81
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023106.D
Acq On : 17 May 2022 17:25
Operator : SY/VA
Sample : N2883-04
Misc : 6.33g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4K6

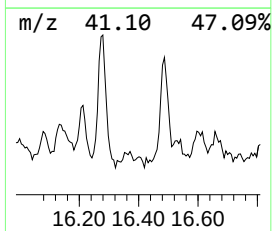
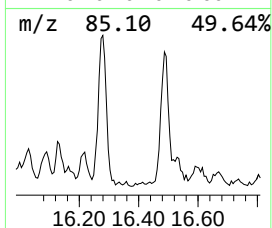
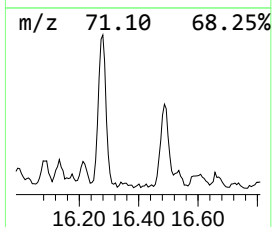
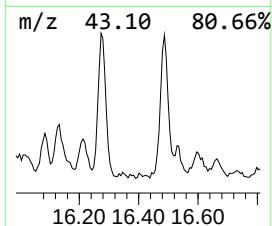
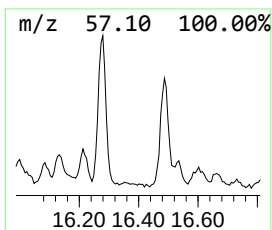
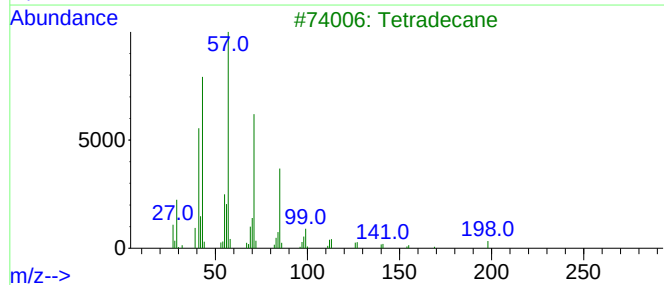
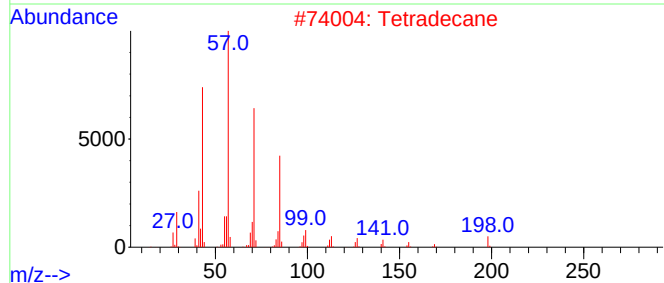
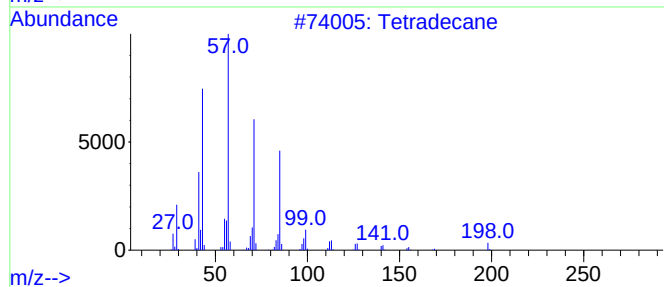
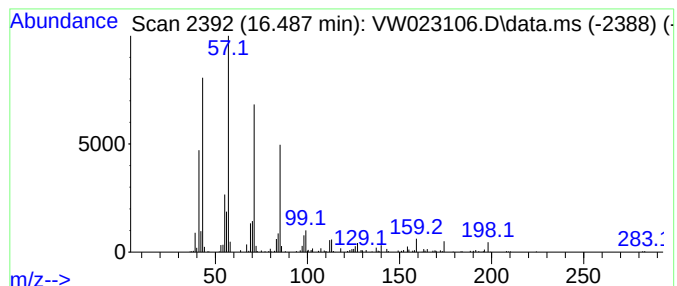
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	6.43 ug/L	172626	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Tetradecane	198	C14H30	000629-59-4	93
3			Tetradecane	198	C14H30	000629-59-4	86
4			Tridecane	184	C13H28	000629-50-5	83
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023106.D
 Acq On : 17 May 2022 17:25
 Operator : SY/VA
 Sample : N2883-04
 Misc : 6.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.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
unknown-01	9.073	4.7	ug/L	150066	1	8.842	805993	25.0
1,3-Dichloro-2-...	9.726	1.6	ug/L	52997	1	8.842	805993	25.0
(DEL) Alkane: S...	12.780	1.7	ug/L	45016	3	13.554	671377	25.0
Benzene, 1-ethy...	12.865	1.5	ug/L	41230	3	13.554	671377	25.0
(DEL) Alkane: S...	13.164	2.3	ug/L	62202	3	13.554	671377	25.0
(DEL) Alkane: C...	13.444	2.0	ug/L	54745	3	13.554	671377	25.0
4'-Methylpropio...	14.200	3.6	ug/L	97943	3	13.554	671377	25.0
(DEL) Alkane: S...	14.341	3.4	ug/L	90251	3	13.554	671377	25.0
unknown-02	14.383	3.2	ug/L	86651	3	13.554	671377	25.0
unknown-03	14.493	1.7	ug/L	45809	3	13.554	671377	25.0
Naphthalene, de...	14.542	2.5	ug/L	66356	3	13.554	671377	25.0
(DEL) Alkane: S...	14.719	8.2	ug/L	218802	3	13.554	671377	25.0
o-Cymene	14.792	5.7	ug/L	153306	3	13.554	671377	25.0
(DEL) Alkane: S...	14.834	6.6	ug/L	177114	3	13.554	671377	25.0
(DEL) Alkane: S...	15.316	10.5	ug/L	282082	3	13.554	671377	25.0
(DEL) Alkane: S...	15.548	11.5	ug/L	309605	3	13.554	671377	25.0
(DEL) Alkane: S...	16.279	11.9	ug/L	319925	3	13.554	671377	25.0
(DEL) Alkane: S...	16.486	6.4	ug/L	172626	3	13.554	671377	25.0