

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018697.D
 Acq On : 20 Apr 2021 17:36
 Operator : SY/VA
 Sample : M2065-18
 Misc : 2.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG571

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\SFAMWLM041421SMA.M
 Title : SFAM01.0

Signal : TIC: VW018697.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	37	41	48	rBV	10663	27506	1.90%	0.181%
2	2.355	65	74	88	rVB2	85763	181181	12.50%	1.191%
3	2.812	146	149	152	rBV3	3159	4961	0.34%	0.033%
4	2.892	155	162	177	rVB	48742	122315	8.44%	0.804%
5	3.020	181	183	184	rBV2	1703	1115	0.08%	0.007%
6	3.227	215	217	220	rVB3	742	577	0.04%	0.004%
7	3.294	222	228	234	rBV5	1095	2550	0.18%	0.017%
8	3.398	238	245	254	rBV3	4810	12363	0.85%	0.081%
9	3.459	254	255	260	rVB3	619	991	0.07%	0.007%
10	3.562	265	272	273	rBV3	542	695	0.05%	0.005%
11	3.593	273	277	278	rBV3	608	916	0.06%	0.006%
12	3.617	279	281	288	rVB5	860	1244	0.09%	0.008%
13	3.672	288	290	295	rVB5	548	706	0.05%	0.005%
14	3.708	295	296	300	rVB4	745	805	0.06%	0.005%
15	3.751	300	303	305	rBV4	713	836	0.06%	0.005%
16	3.788	307	309	312	rVB3	405	436	0.03%	0.003%
17	3.849	312	319	323	rBV4	2117	4809	0.33%	0.032%
18	4.019	337	347	359	rBV	77196	241749	16.68%	1.589%
19	4.135	359	366	377	rVB2	26594	72838	5.03%	0.479%
20	4.403	397	410	414	rBV2	16491	60452	4.17%	0.397%
21	4.556	433	435	438	rVB3	708	703	0.05%	0.005%
22	4.672	451	454	457	rBV2	855	1325	0.09%	0.009%
23	4.769	466	470	473	rVB4	577	916	0.06%	0.006%
24	4.916	483	494	508	rBV2	38361	141815	9.79%	0.932%
25	5.092	519	523	526	rBV6	566	699	0.05%	0.005%
26	5.166	531	535	536	rBV3	827	1142	0.08%	0.008%
27	5.202	536	541	542	rBV4	1050	1556	0.11%	0.010%
28	5.251	547	549	551	rVB	826	623	0.04%	0.004%
29	5.287	553	555	557	rVB2	491	446	0.03%	0.003%
30	5.415	570	576	577	rBV3	1432	1638	0.11%	0.011%
31	5.440	578	580	590	rVB5	1926	3686	0.25%	0.024%
32	5.592	601	605	607	rBV2	404	476	0.03%	0.003%
33	5.641	612	613	617	rVB	364	418	0.03%	0.003%
34	5.678	617	619	620	rBV	541	451	0.03%	0.003%
35	5.745	626	630	631	rBV2	864	995	0.07%	0.007%
36	5.787	631	637	648	rVV9	2314	6714	0.46%	0.044%

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37	5.946	651	663	673	rBV2	18846	56400	3.89%	0.371%
38	6.123	689	692	694	rBV3	1015	875	0.06%	0.006%
39	6.287	715	719	720	rBV3	689	907	0.06%	0.006%
40	6.598	768	770	773	rBV4	543	729	0.05%	0.005%
41	6.677	780	783	784	rBV3	498	459	0.03%	0.003%
42	6.726	784	791	796	rVB5	991	1968	0.14%	0.013%
43	6.824	805	807	809	rBV2	502	531	0.04%	0.003%
44	6.891	809	818	826	rBV8	2321	9976	0.69%	0.066%
45	6.994	832	835	841	rVB6	1975	2998	0.21%	0.020%
46	7.086	841	850	854	rBV	51671	139696	9.64%	0.918%
47	7.141	854	859	875	rVB2	68027	221232	15.27%	1.454%
48	7.305	884	886	889	rVB4	1165	1240	0.09%	0.008%
49	7.525	918	922	923	rVV4	739	933	0.06%	0.006%
50	7.543	923	925	926	rVV2	1158	947	0.07%	0.006%
51	7.586	930	932	933	rBV2	543	398	0.03%	0.003%
52	7.653	933	943	954	rVV	173213	435718	30.07%	2.863%
53	7.817	969	970	971	rVV	883	504	0.03%	0.003%
54	7.854	974	976	977	rBV2	614	502	0.03%	0.003%
55	7.885	978	981	982	rVV2	1111	1075	0.07%	0.007%
56	7.903	982	984	987	rVV4	1069	1381	0.10%	0.009%
57	7.958	987	993	998	rVV7	5528	12679	0.87%	0.083%
58	8.031	1001	1005	1015	rVB9	4860	12448	0.86%	0.082%
59	8.147	1021	1024	1025	rBV3	899	900	0.06%	0.006%
60	8.275	1031	1045	1063	rBV3	401766	1449127	100.00%	9.523%
61	8.409	1063	1067	1068	rVV4	1710	2146	0.15%	0.014%
62	8.482	1071	1079	1089	rVB2	29428	78168	5.39%	0.514%
63	8.695	1111	1114	1117	rBV4	2868	3404	0.23%	0.022%
64	8.842	1130	1138	1149	rBV	466631	917174	63.29%	6.027%
65	9.073	1170	1176	1184	rBV4	15964	35088	2.42%	0.231%
66	9.275	1201	1209	1219	rBV	230189	493792	34.08%	3.245%
67	9.762	1283	1289	1296	rBV	35294	70031	4.83%	0.460%
68	9.896	1304	1311	1318	rBV	42284	93032	6.42%	0.611%
69	10.037	1329	1334	1341	rBV	50326	89521	6.18%	0.588%
70	10.213	1359	1363	1365	rBV4	11459	19811	1.37%	0.130%
71	10.250	1365	1369	1375	rVB	37454	66294	4.57%	0.436%
72	10.323	1375	1381	1388	rBV	291049	525877	36.29%	3.456%
73	10.579	1419	1423	1428	rBV2	38604	63083	4.35%	0.415%
74	10.707	1438	1444	1450	rVB	128792	233981	16.15%	1.538%
75	10.927	1474	1480	1489	rBV	204273	363876	25.11%	2.391%
76	11.067	1499	1503	1508	rVB	37977	58401	4.03%	0.384%

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77	11.439	1559	1564	1570	rBV2	134558	272539	18.81%	1.791%
78	11.634	1590	1596	1602	rVB	410465	722814	49.88%	4.750%
79	12.591	1748	1753	1761	rBV2	362546	948288	65.44%	6.232%
80	12.695	1765	1770	1775	rVB2	277290	547208	37.76%	3.596%
81	12.750	1776	1779	1783	rBV	76404	143266	9.89%	0.942%
82	12.859	1793	1797	1801	rBV4	73922	141557	9.77%	0.930%
83	12.932	1804	1809	1810	rVV2	109817	184316	12.72%	1.211%
84	12.963	1811	1814	1825	rVB3	166463	381205	26.31%	2.505%
85	13.195	1844	1852	1860	rVB	289157	647707	44.70%	4.257%
86	13.298	1865	1869	1873	rBV2	176443	278677	19.23%	1.831%
87	13.408	1880	1887	1895	rBV	427397	792993	54.72%	5.211%
88	13.481	1896	1899	1902	rBV2	65927	84298	5.82%	0.554%
89	13.560	1908	1912	1914	rBV	195511	292539	20.19%	1.922%
90	13.603	1914	1919	1928	rVB	471186	1116997	77.08%	7.341%
91	13.768	1942	1946	1955	rVB4	252491	508410	35.08%	3.341%
92	13.853	1957	1960	1967	rBV5	98394	233236	16.09%	1.533%
93	14.066	1992	1995	2001	rBV3	137795	225315	15.55%	1.481%
94	14.188	2013	2015	2020	rBV3	51810	63867	4.41%	0.420%
95	14.261	2024	2027	2033	rVB5	103922	183694	12.68%	1.207%
96	14.383	2044	2047	2051	rVB3	116839	147577	10.18%	0.970%
97	14.499	2062	2066	2072	rBV4	115545	336680	23.23%	2.213%
98	14.847	2119	2123	2128	rVB4	110326	215233	14.85%	1.414%
99	15.328	2198	2202	2208	rVB2	109501	212993	14.70%	1.400%
100	16.285	2355	2359	2367	rVB4	79627	165258	11.40%	1.086%

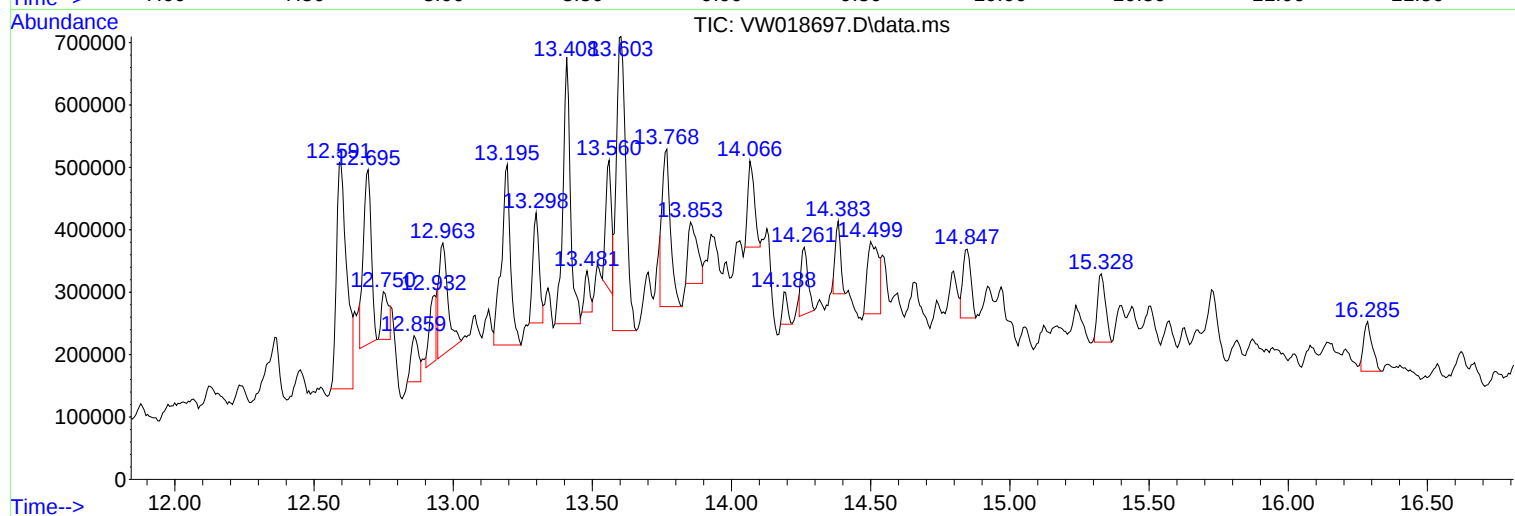
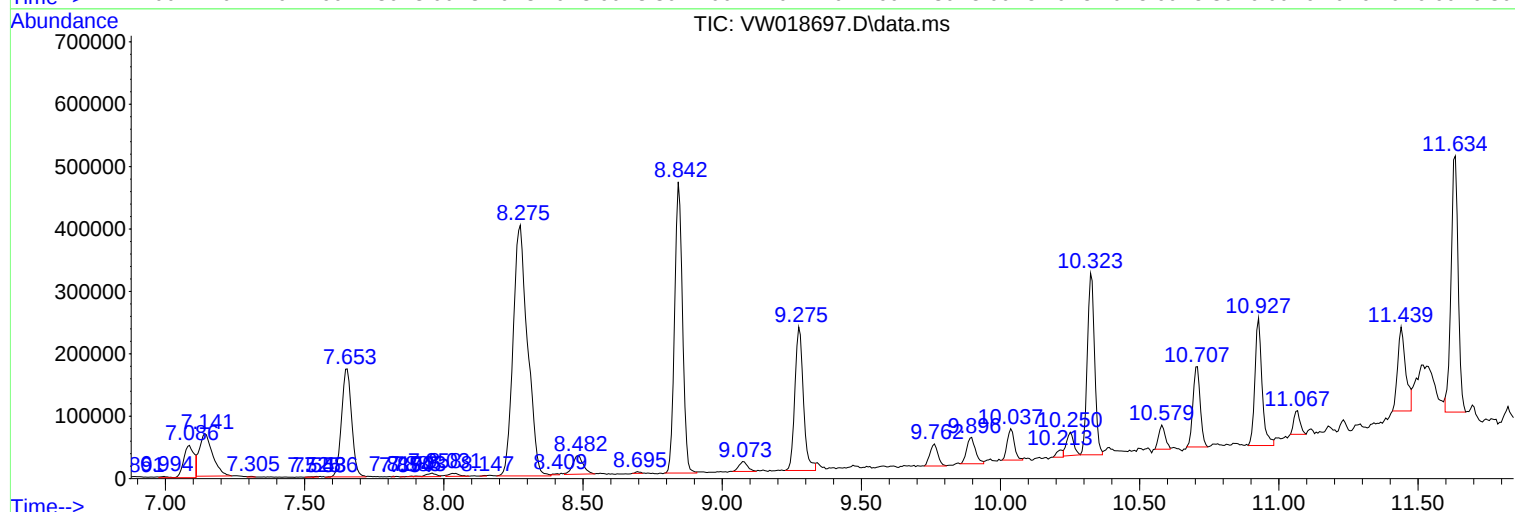
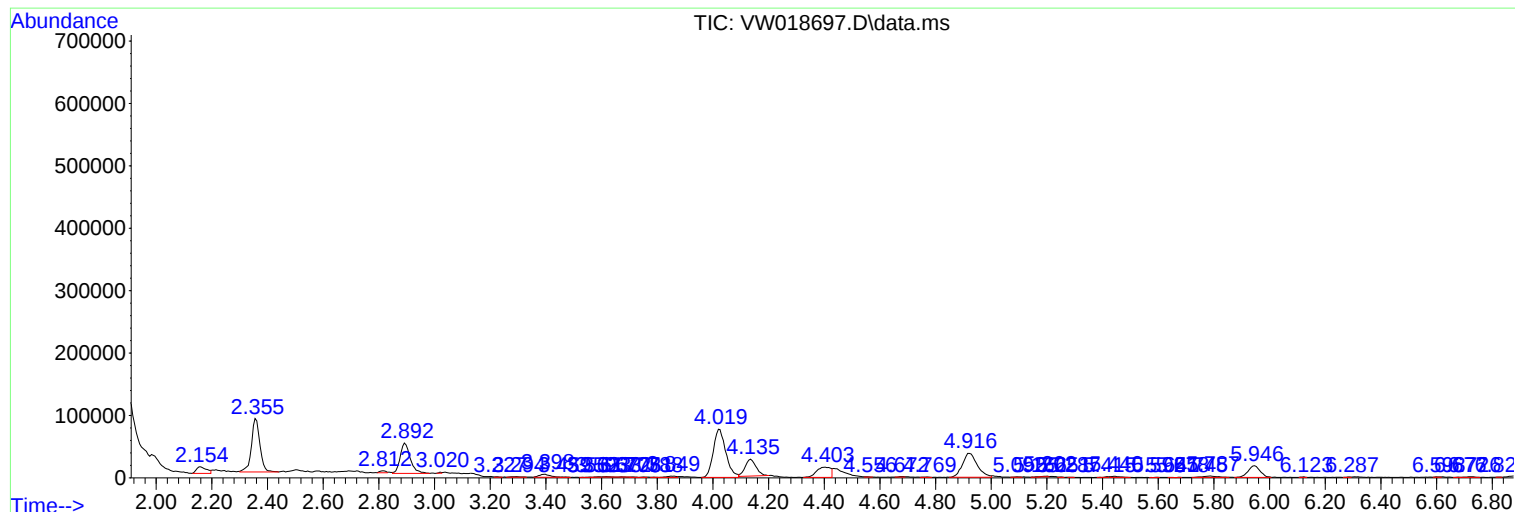
Sum of corrected areas: 15216617

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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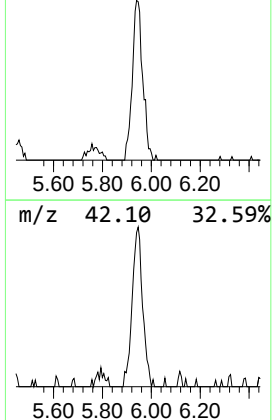
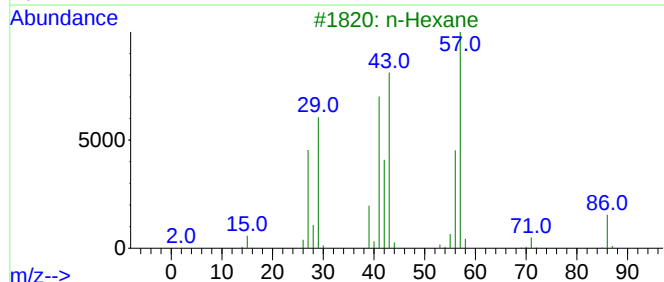
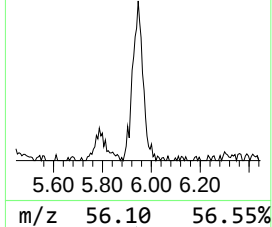
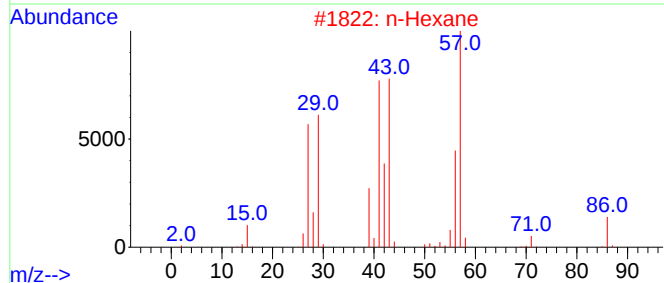
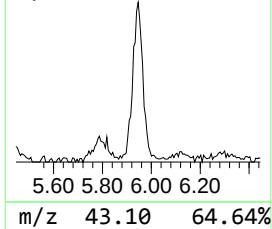
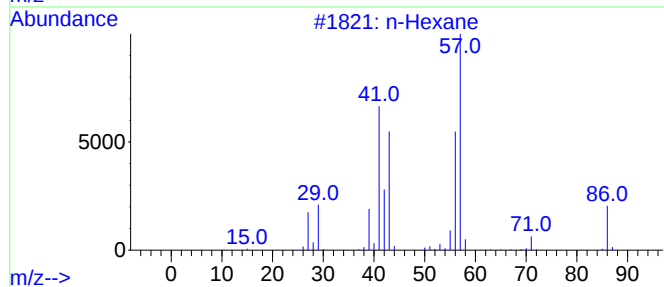
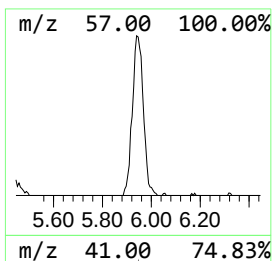
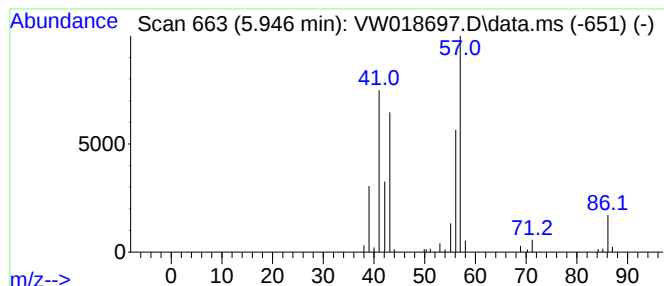
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	1.54 ug/L	56400	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	83
2			n-Hexane	86	C6H14	000110-54-3	64
3			n-Hexane	86	C6H14	000110-54-3	64
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50



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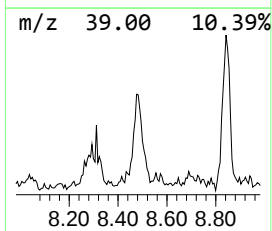
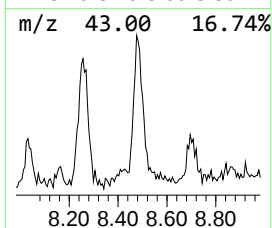
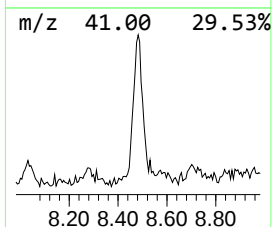
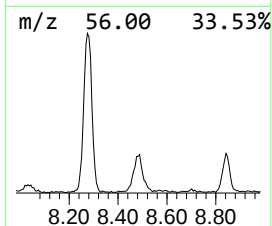
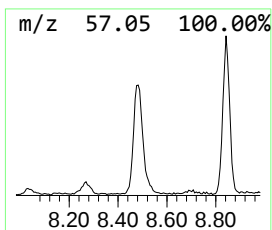
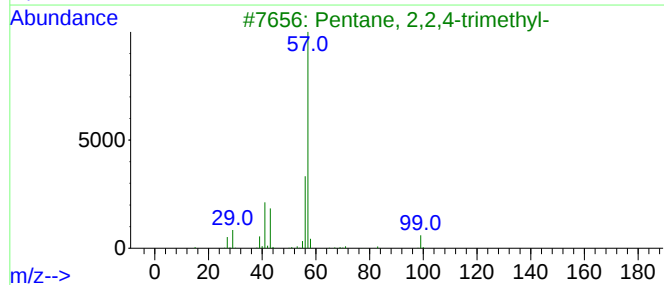
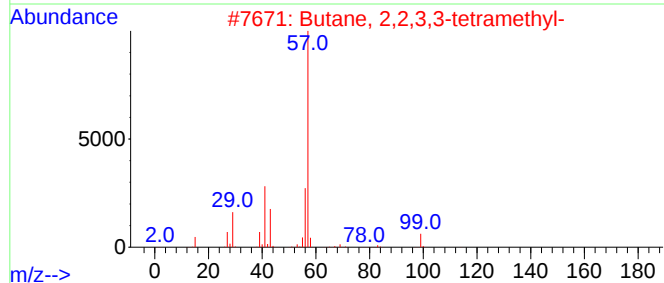
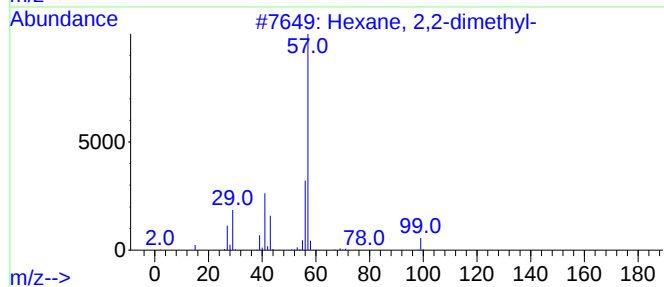
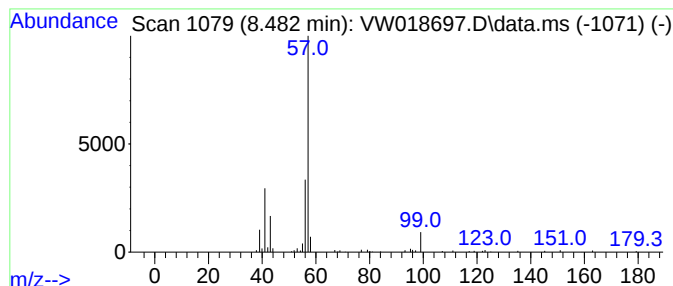
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.482	2.13 ug/L	78168	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	53



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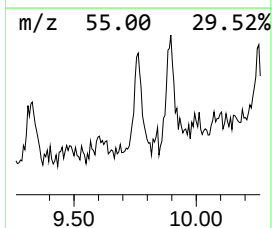
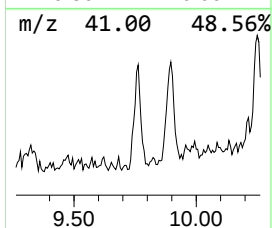
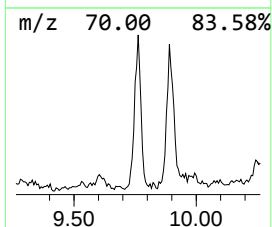
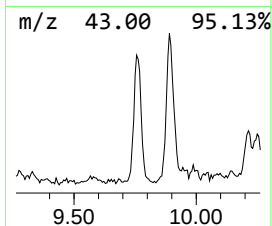
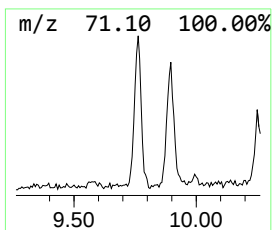
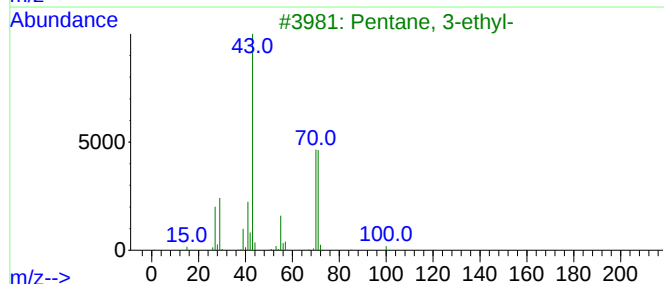
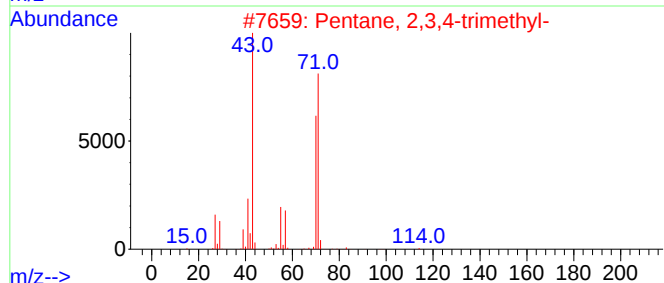
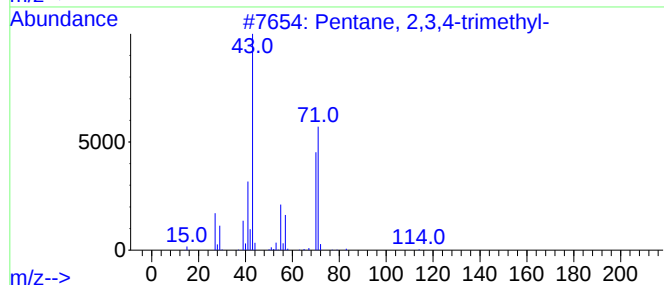
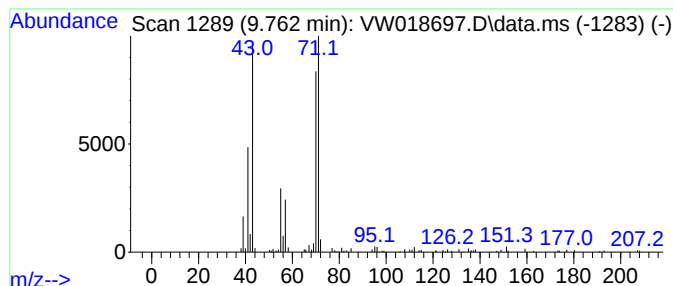
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	1.91 ug/L	70031	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
3		Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

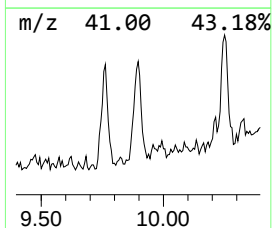
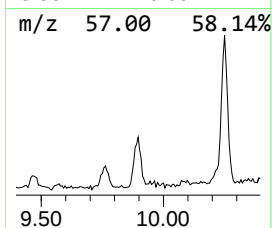
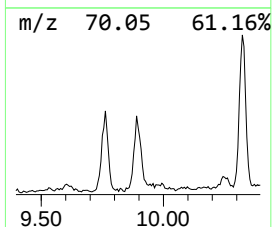
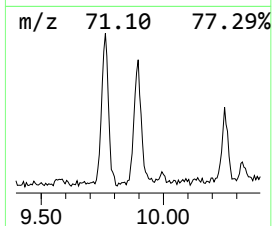
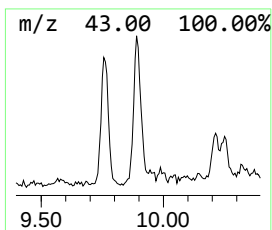
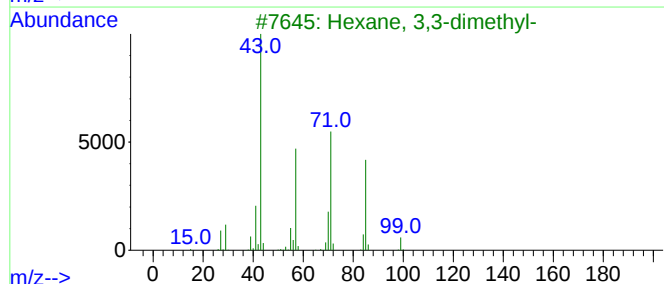
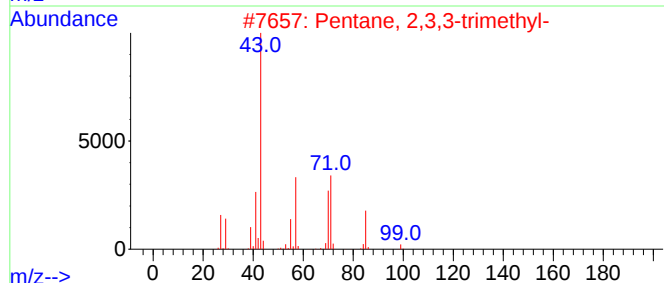
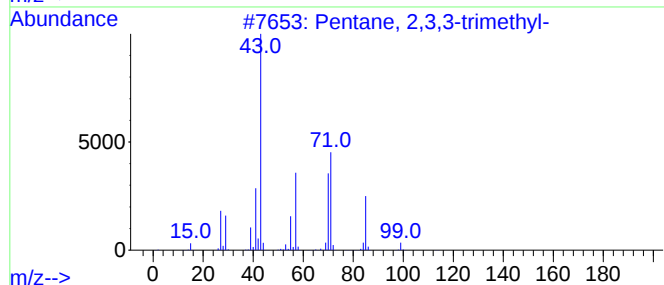
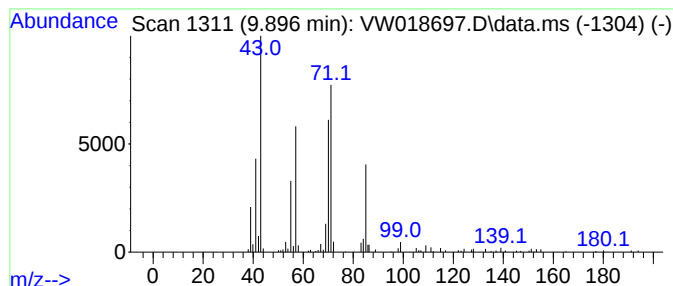
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	2.54 ug/L	93032	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	53
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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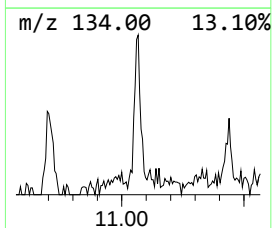
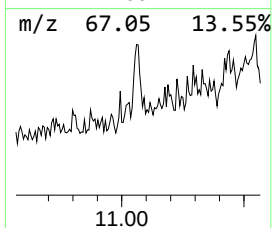
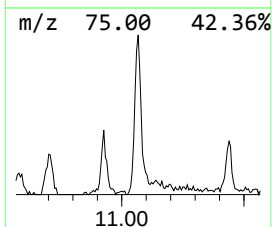
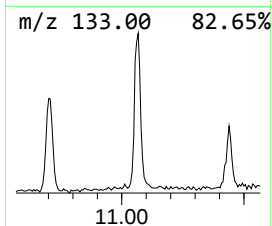
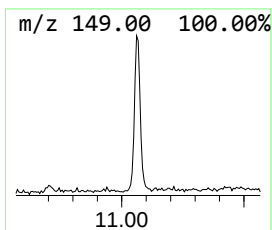
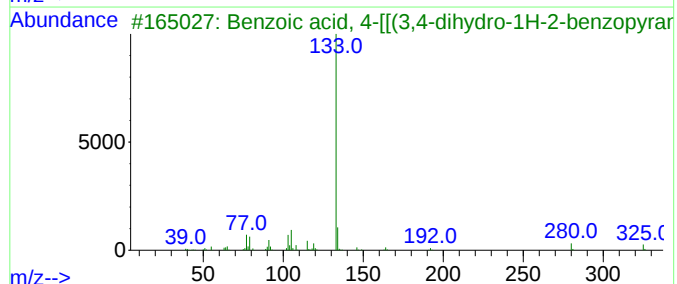
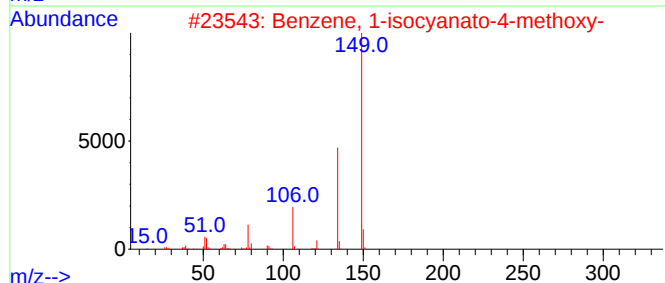
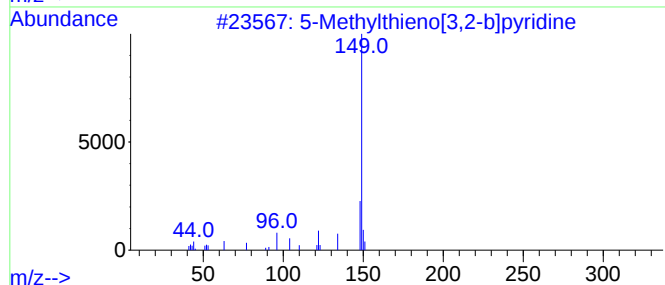
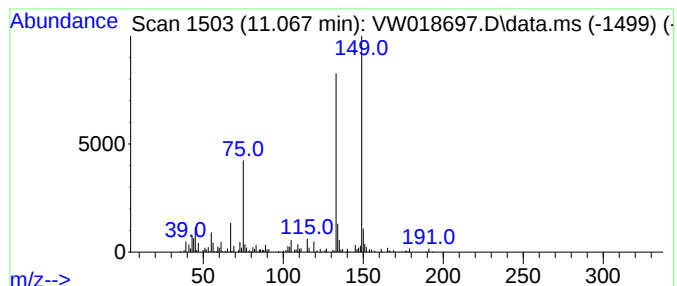
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	2.02 ug/L	58401	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	27
2			Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	22
3			Benzoic acid, 4-[[[3,4-dihydro-1...	325	C19H19NO4	1000316-21-6	22
4			Phthalic acid, 2-methylpent-3-yl...	502	C32H54O4	1000356-92-2	22
5			Phthalic acid, dodecyl 2-(2-meth...	476	C29H48O5	1000314-93-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

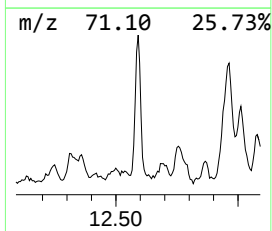
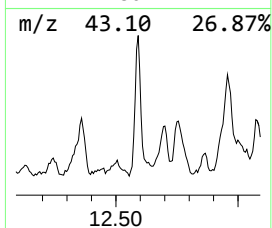
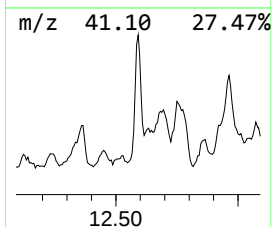
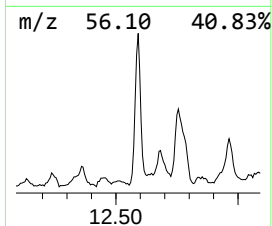
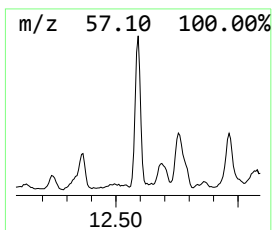
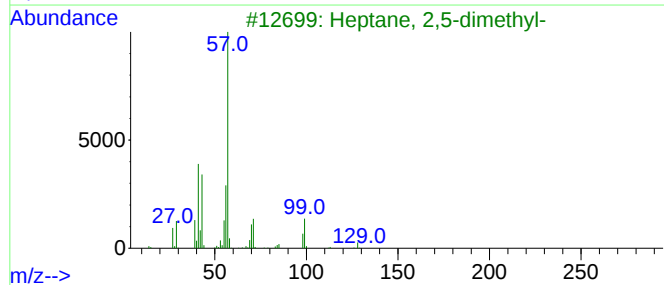
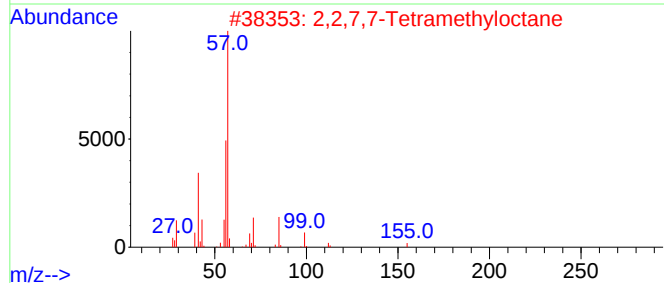
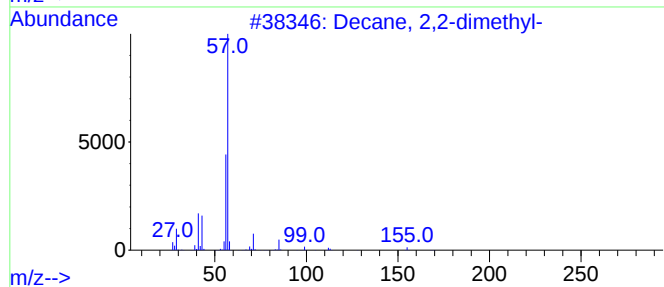
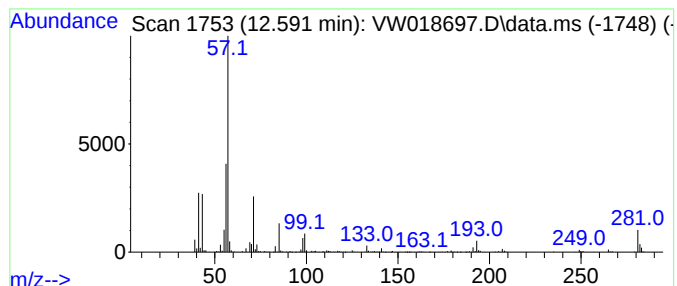
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.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.
12.591	32.80 ug/L	948288	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	53
2			2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

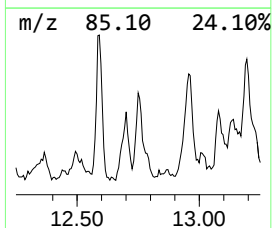
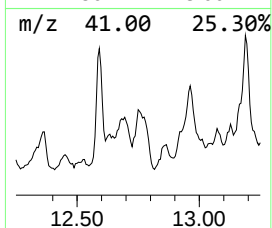
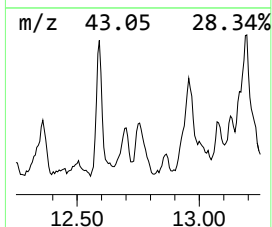
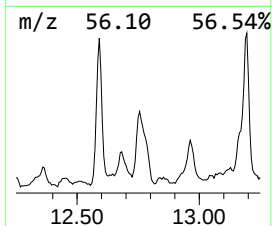
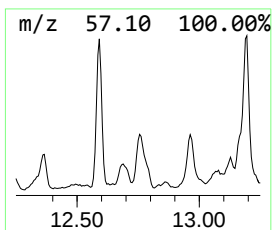
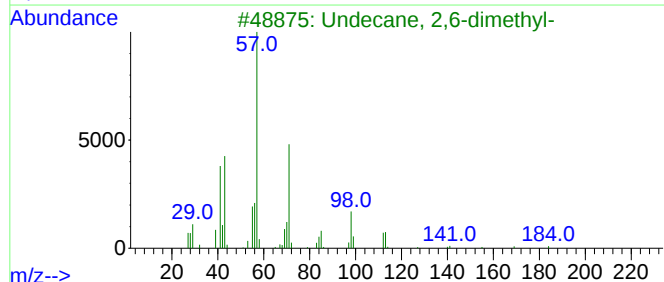
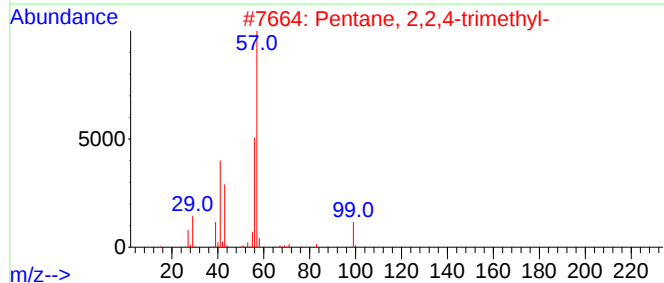
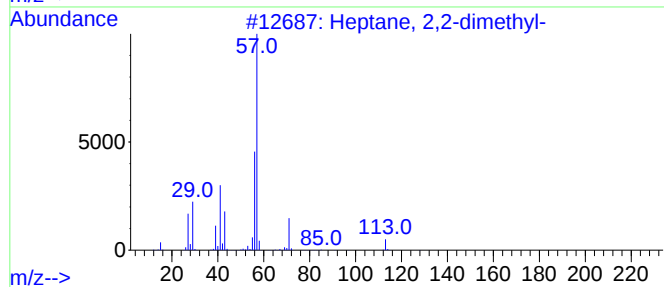
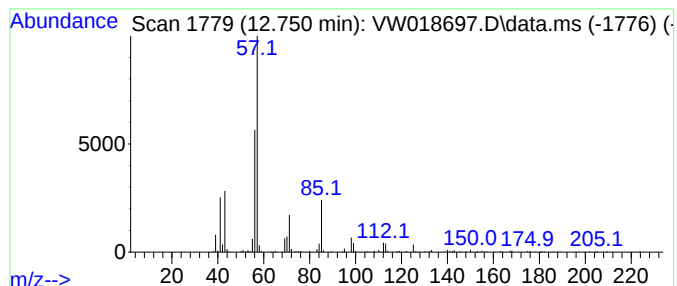
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.749	12.24 ug/L	143266	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	43
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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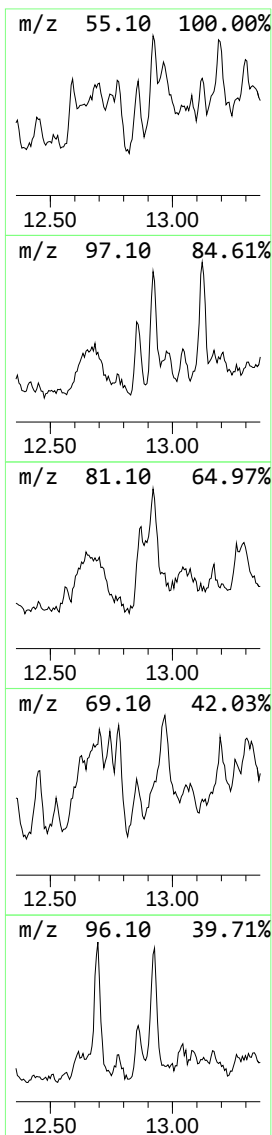
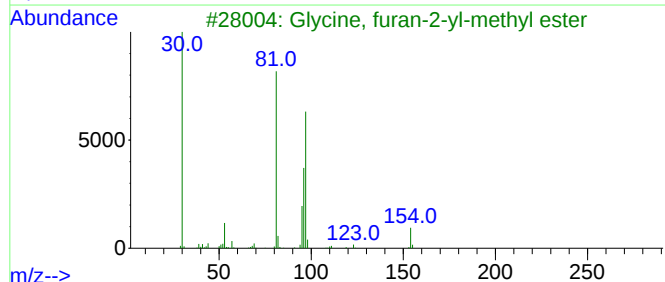
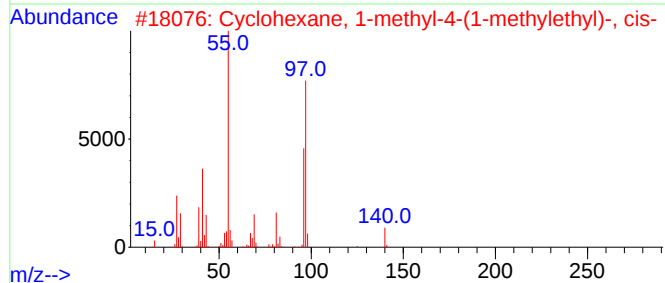
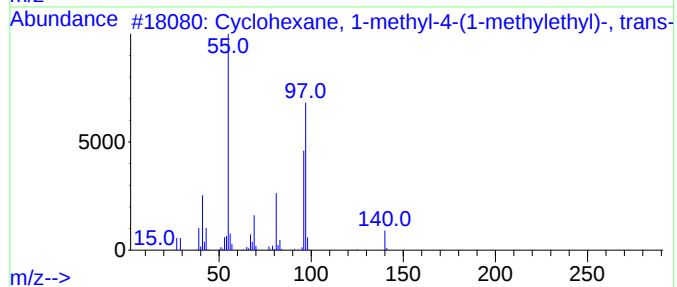
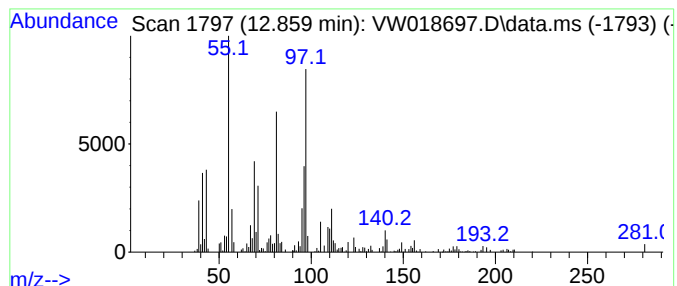
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic12.859 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	12.10 ug/L	141557	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	60
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
3			Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	52
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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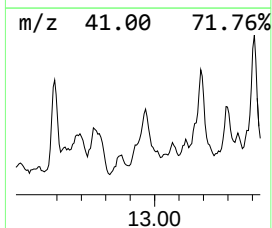
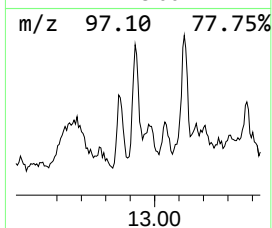
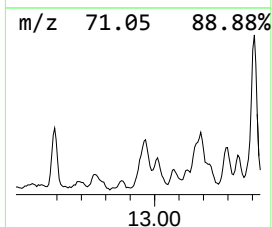
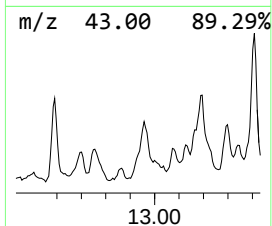
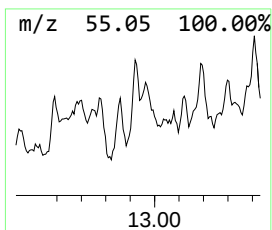
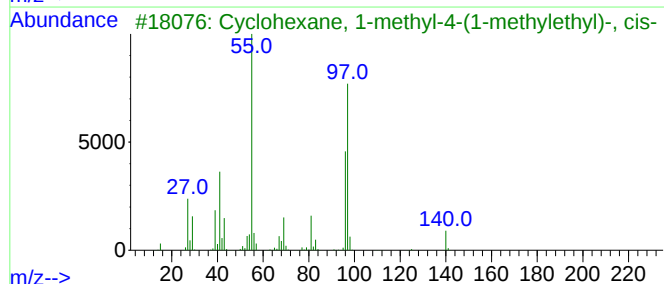
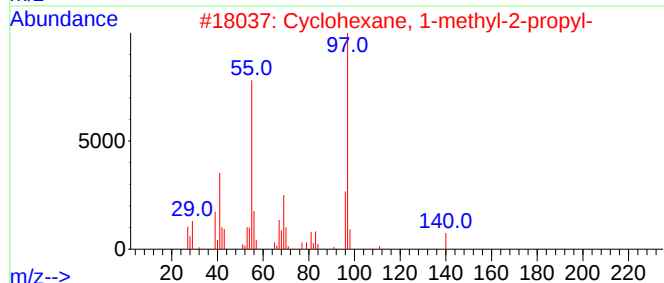
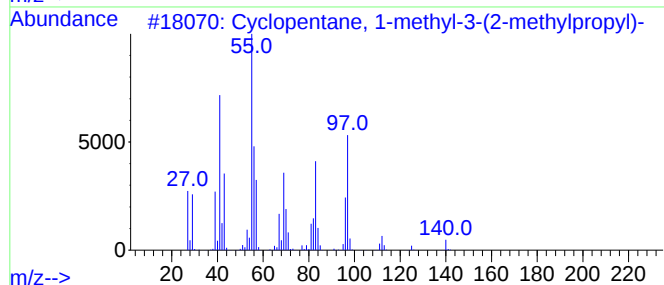
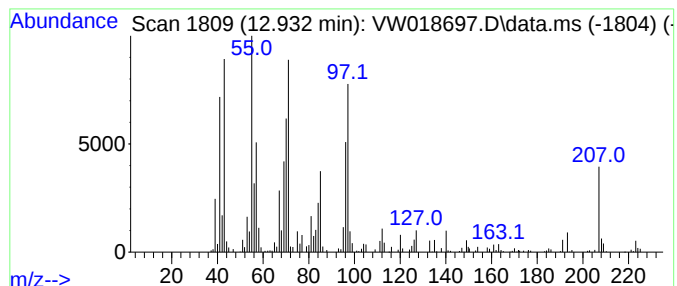
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic12.932 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.932	15.75 ug/L	184316	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	38
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	25
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	25
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	25
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

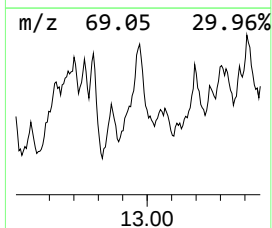
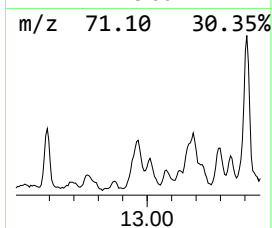
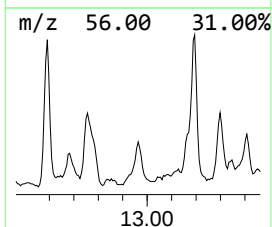
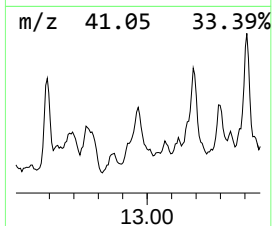
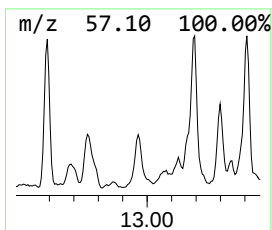
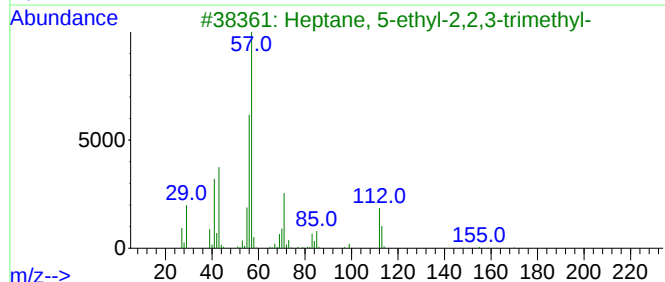
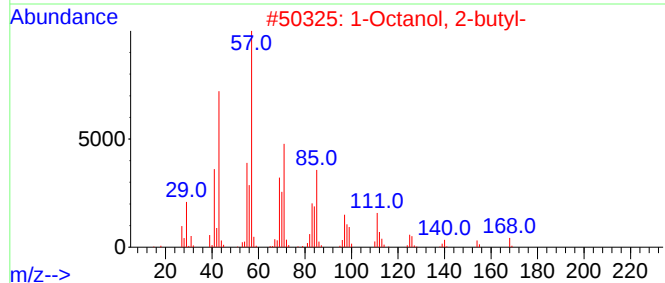
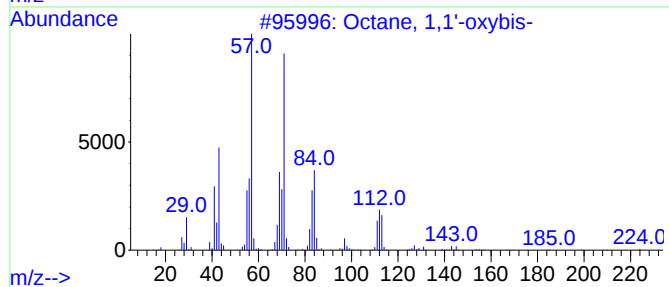
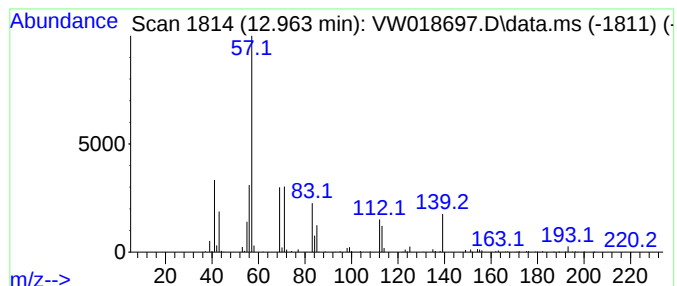
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	32.58 ug/L	381205	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	40	
2	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	40	
3	Heptane, 5-ethyl-2,2,3-trimethyl-		170	C12H26	062199-06-8	38	
4	Octane, 4-ethyl-		142	C10H22	015869-86-0	38	
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	37	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

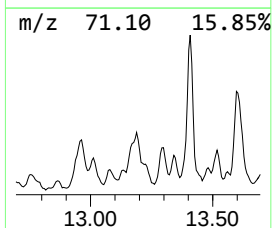
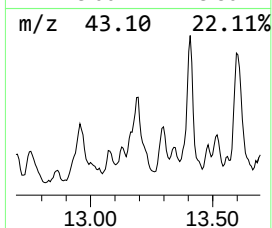
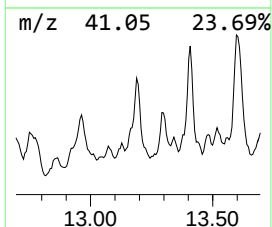
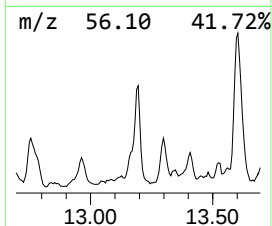
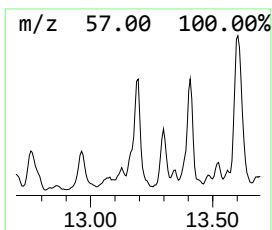
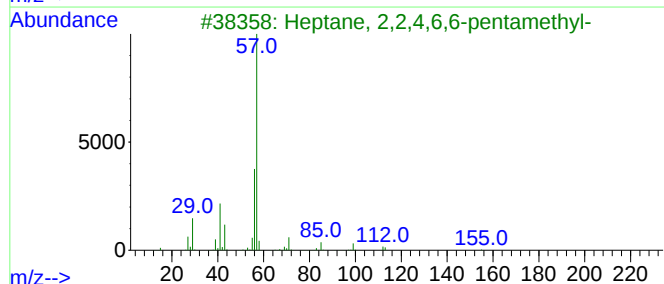
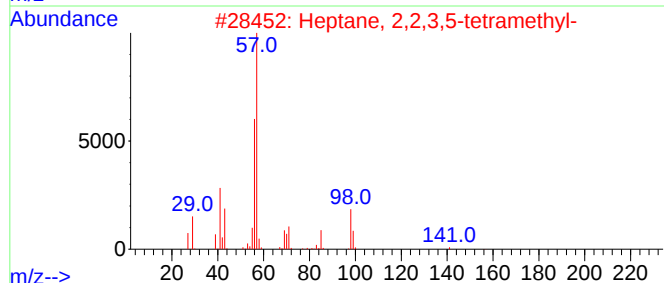
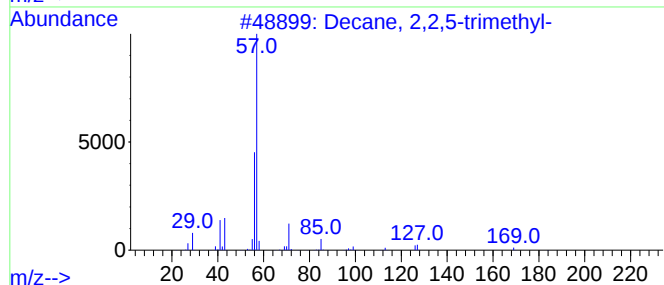
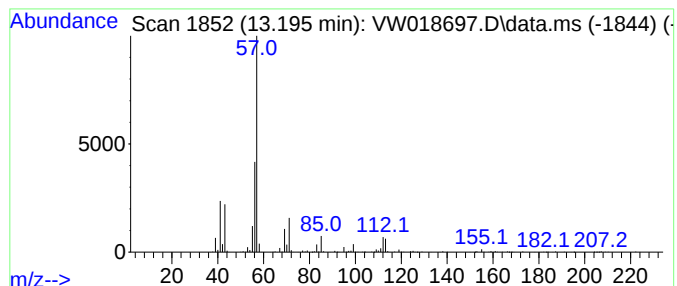
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.195	55.35 ug/L	647707	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	64
2			Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	64
3			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

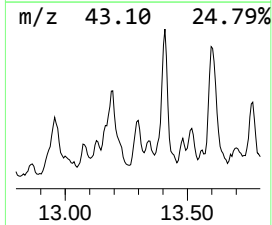
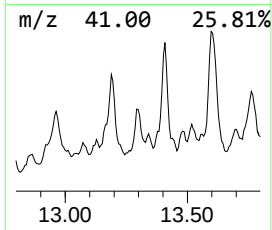
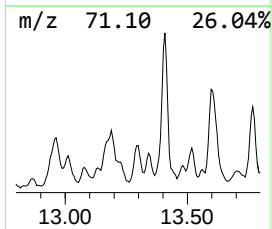
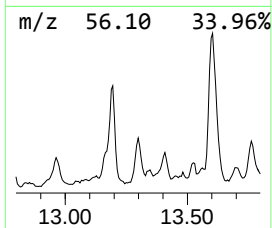
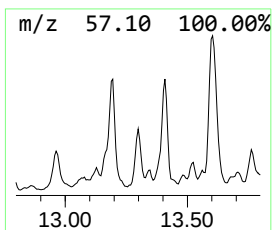
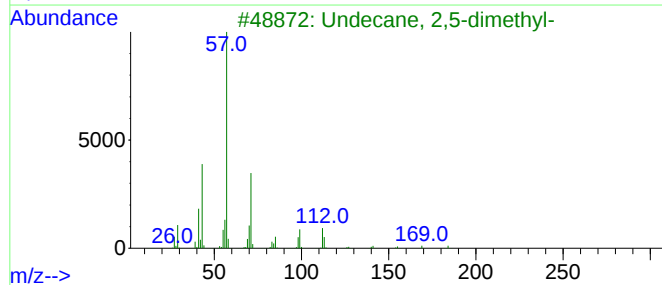
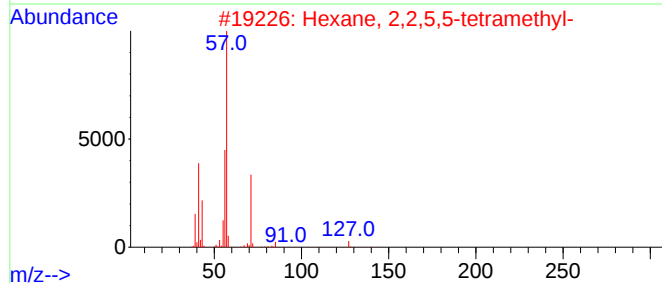
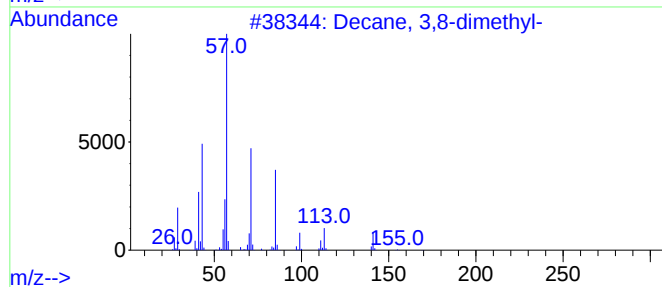
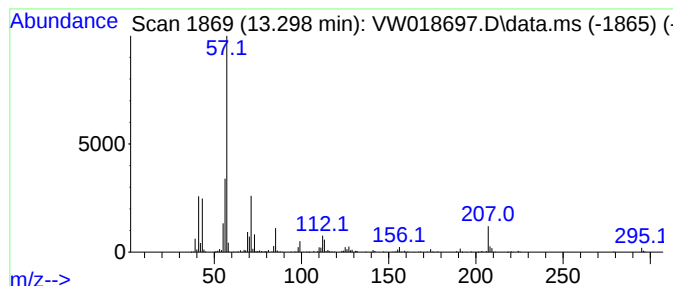
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	23.82 ug/L	278677	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
2		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	47
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

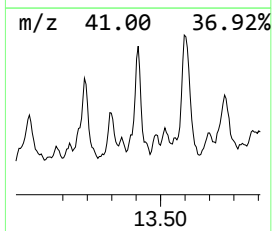
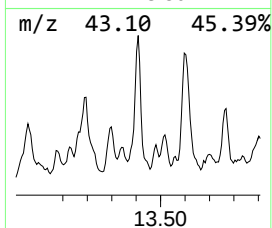
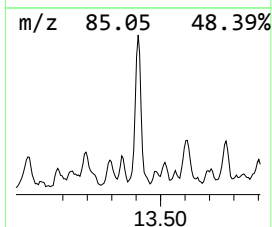
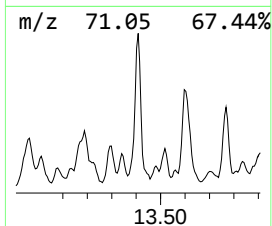
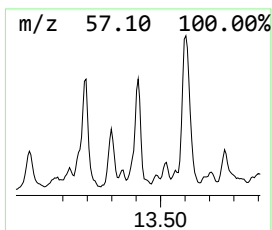
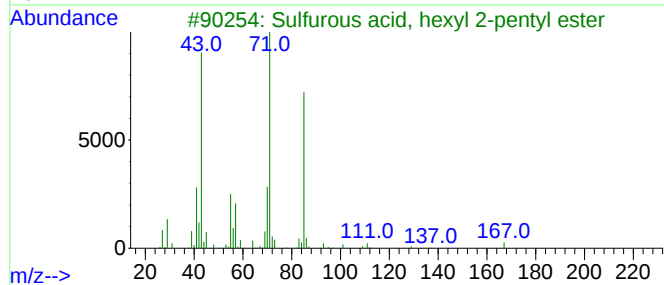
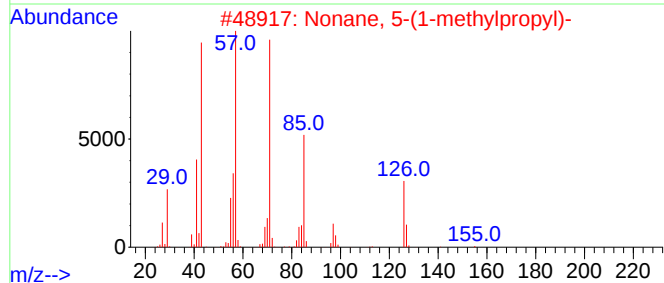
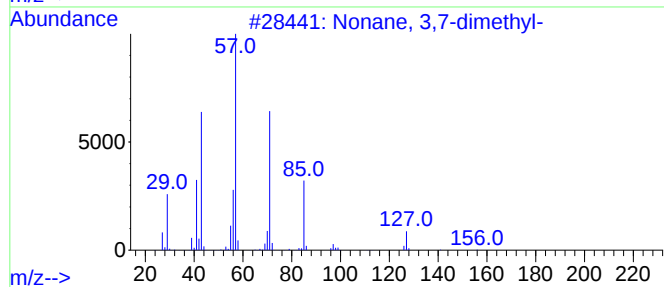
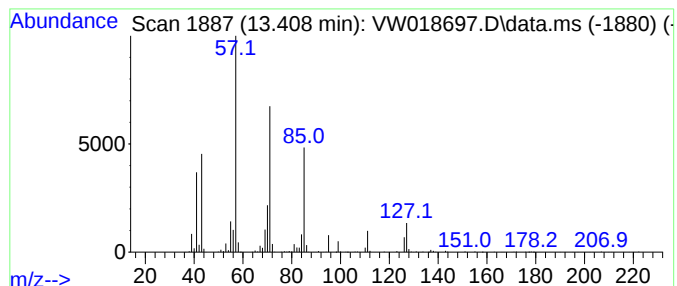
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	67.77 ug/L	792993	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
2			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53
3			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5			Heptadecane	240	C17H36	000629-78-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

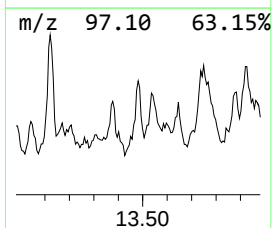
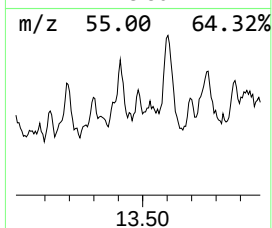
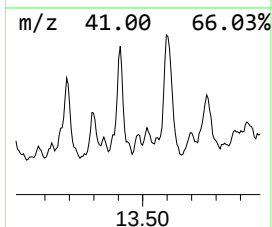
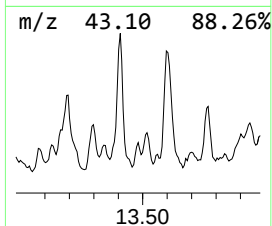
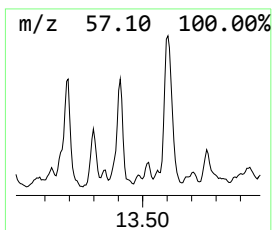
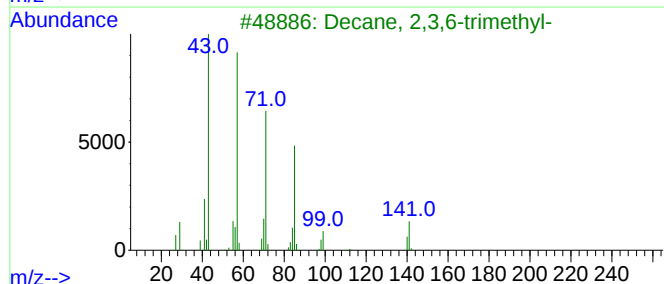
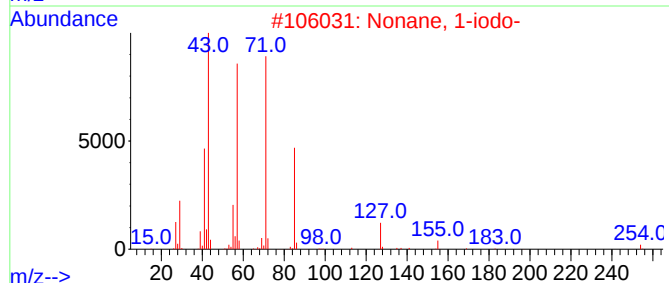
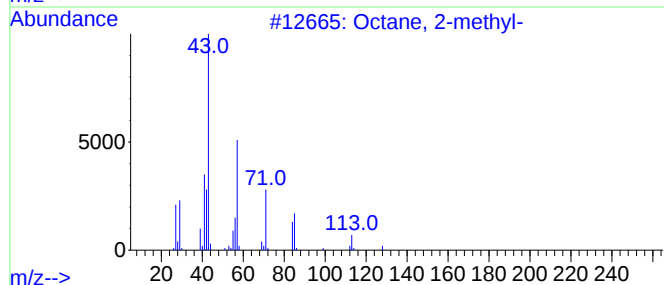
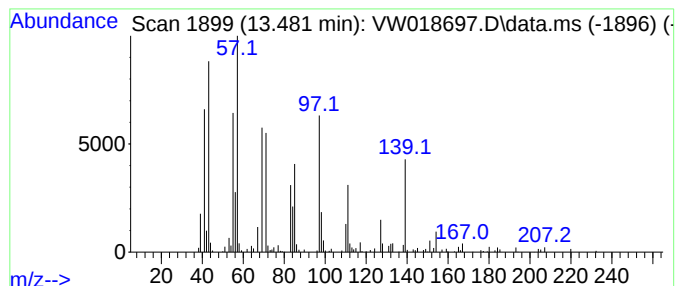
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	7.20 ug/L	84298	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	30	
2	Nonane, 1-iodo-	254	C9H19I	004282-42-2	22	
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	22	
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	22	
5	Tridecane	184	C13H28	000629-50-5	18	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

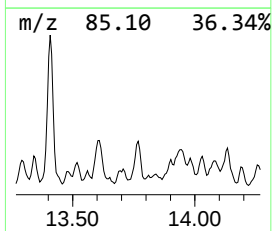
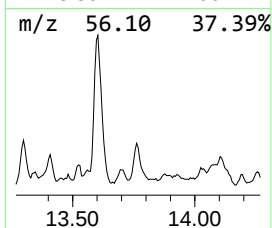
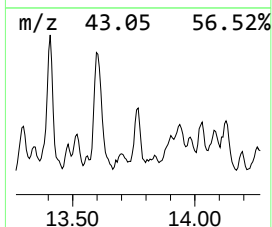
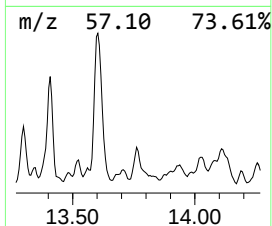
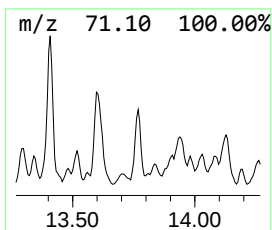
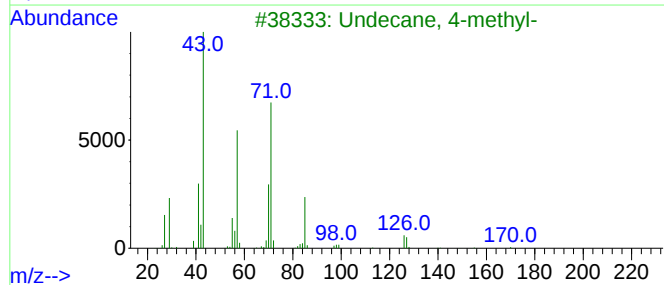
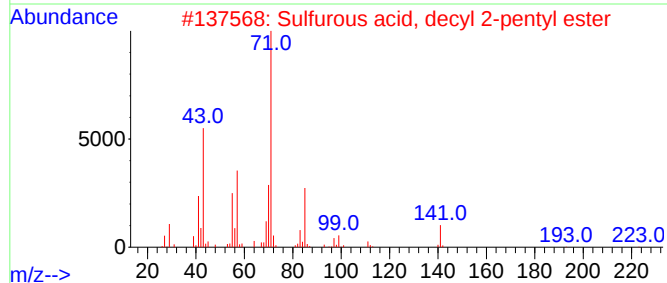
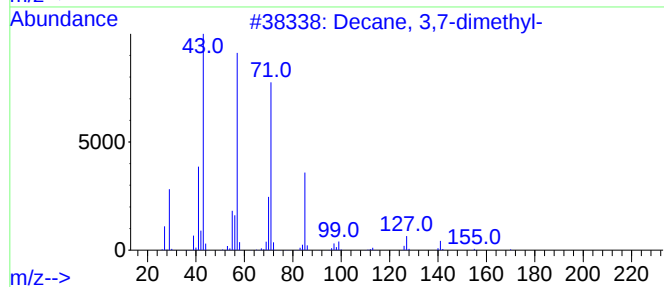
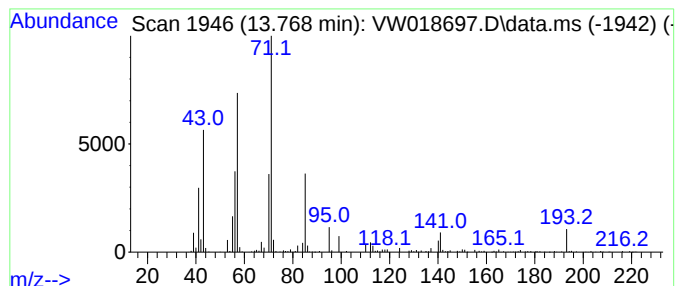
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.768	43.45 ug/L	508410	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	59
2			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	53
3			Undecane, 4-methyl-	170	C12H26	002980-69-0	53
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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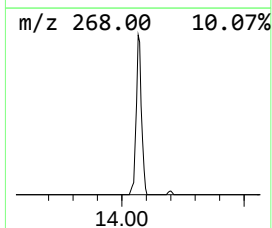
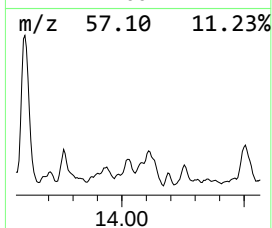
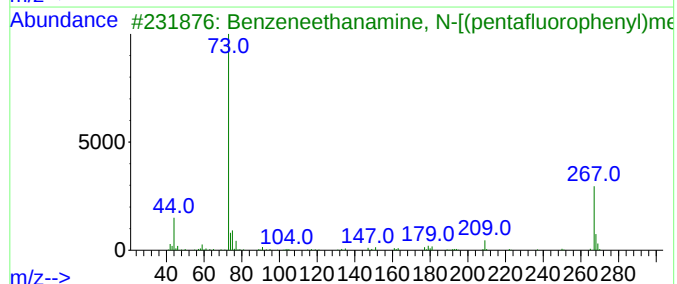
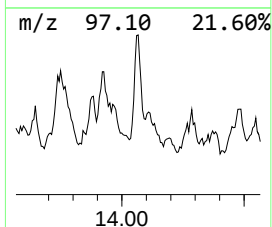
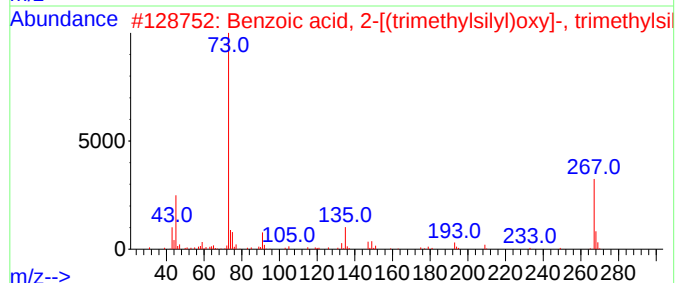
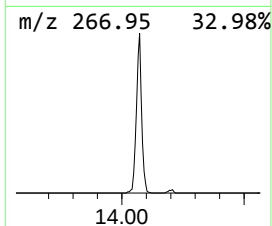
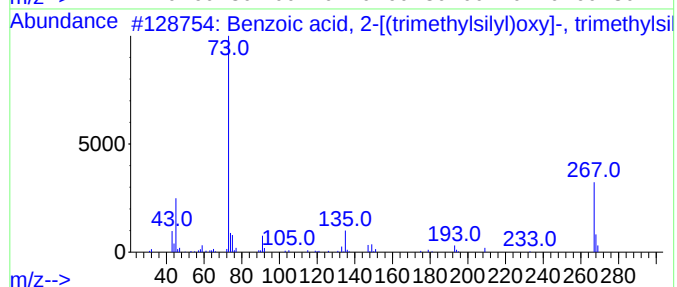
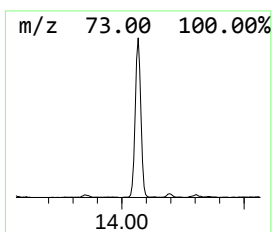
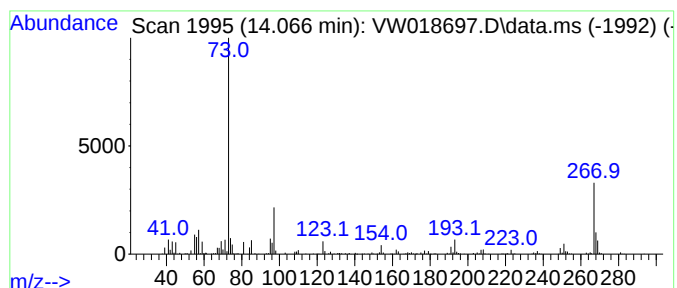
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	19.26 ug/L	225315	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	38
2			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	38
3			Benzenethanamine, N-[(pentaflu...]	475	C21H26F5NO2Si2	055429-85-1	38
4			3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	25
5			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG571

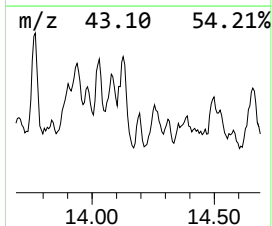
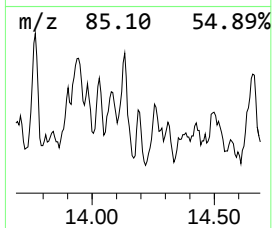
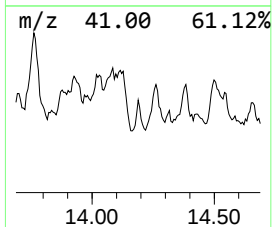
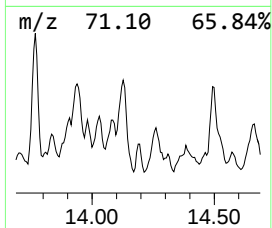
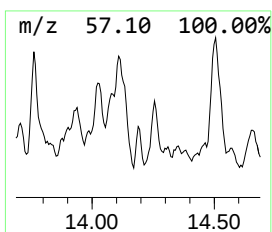
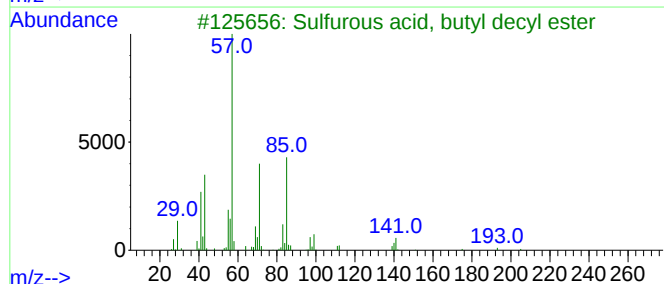
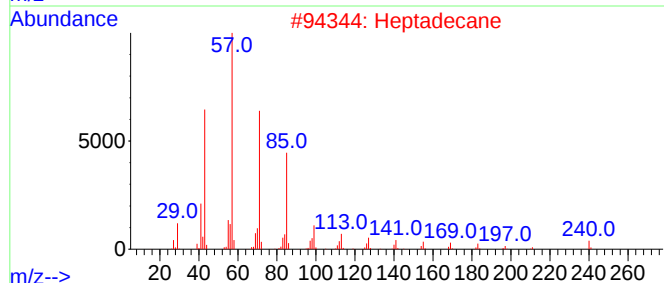
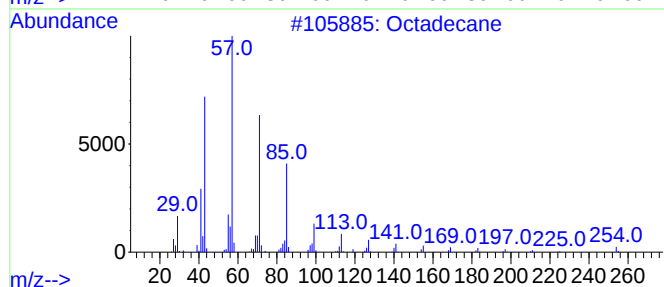
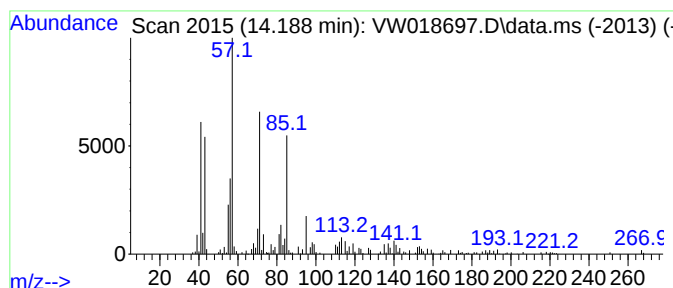
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	5.46 ug/L	63867	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	53
2		Heptadecane	240	C17H36	000629-78-7	53
3		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
4		Tetradecane	198	C14H30	000629-59-4	53
5		Pentadecane	212	C15H32	000629-62-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

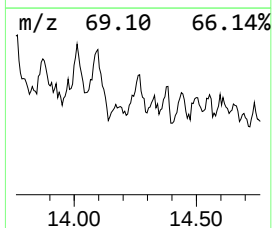
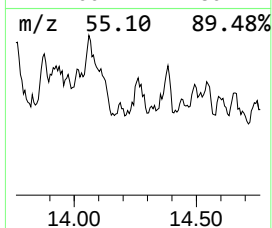
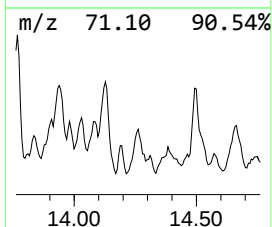
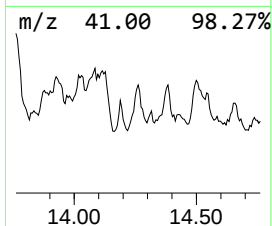
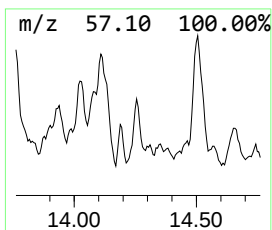
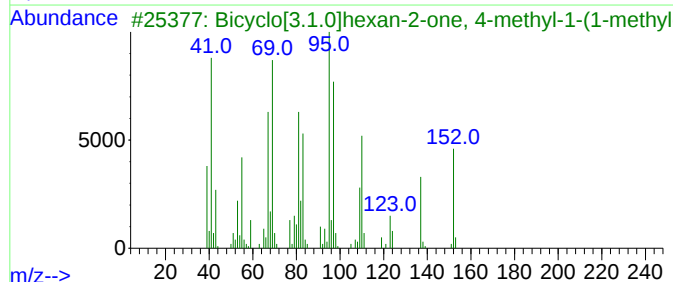
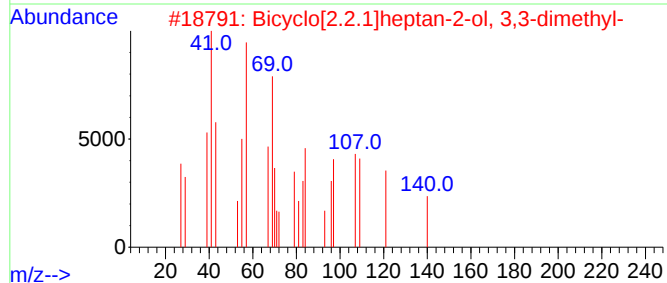
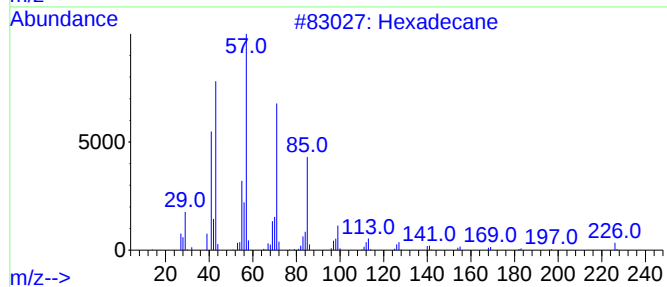
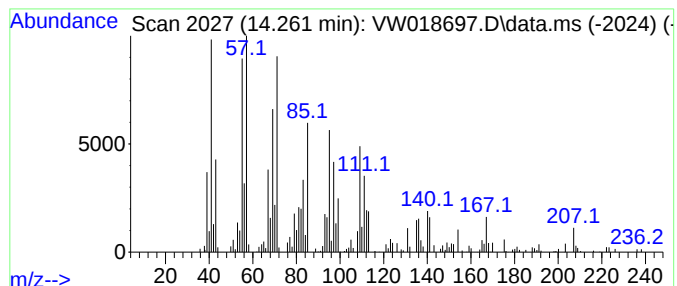
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.262	15.70 ug/L	183694	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	38
2	Bicyclo[2.2.1]heptan-2-ol, 3,3-d...		140	C9H16O	005957-68-6	38
3	Bicyclo[3.1.0]hexan-2-one, 4-met...		152	C10H16O	002506-61-8	30
4	Isopropyl 2,4-hexadienoate		154	C9H14O2	044987-75-9	30
5	Heptadecane, 2,6,10,14-tetramethyl-		296	C21H44	018344-37-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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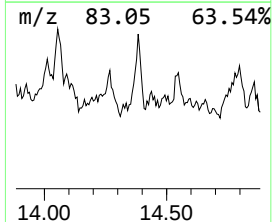
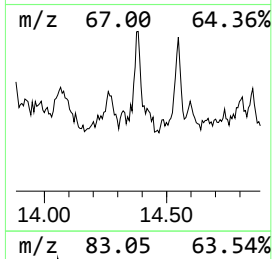
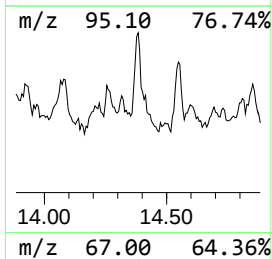
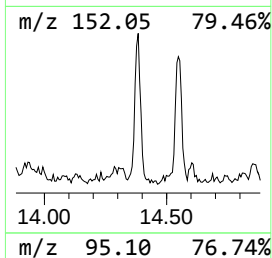
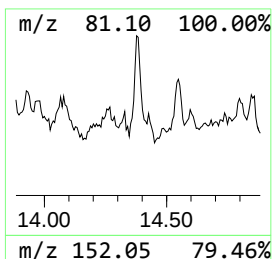
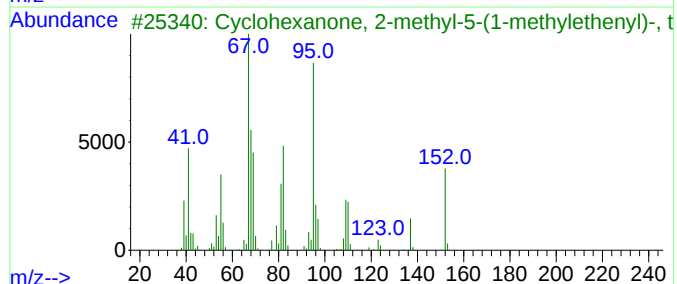
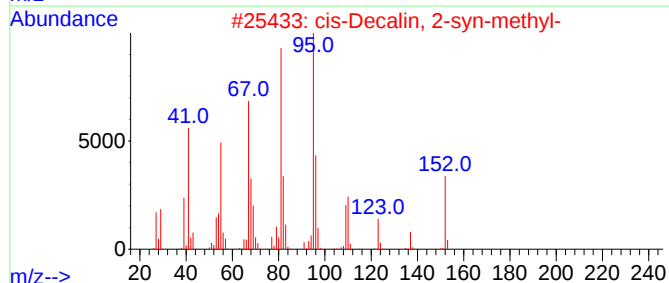
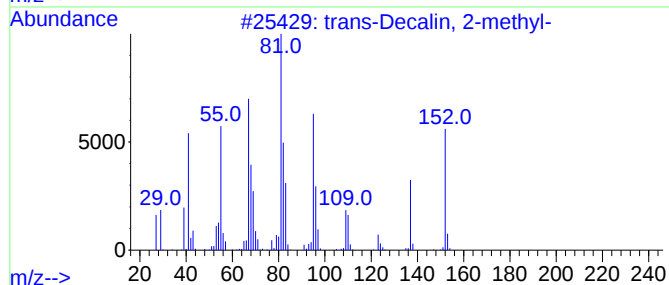
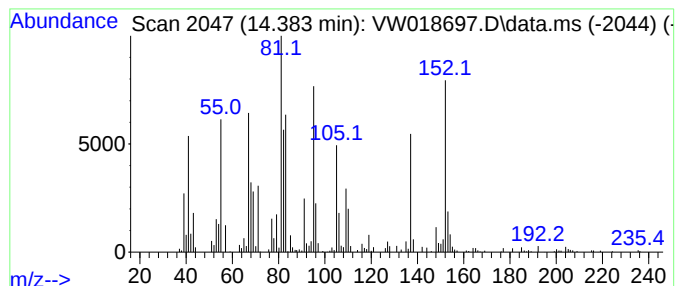
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 trans-Decalin, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	12.61 ug/L	147577	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
3			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	58
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	52
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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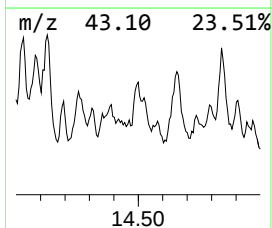
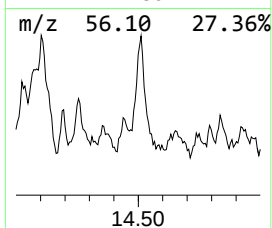
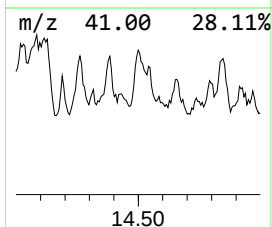
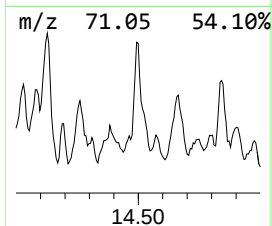
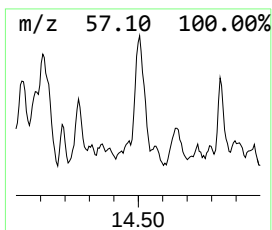
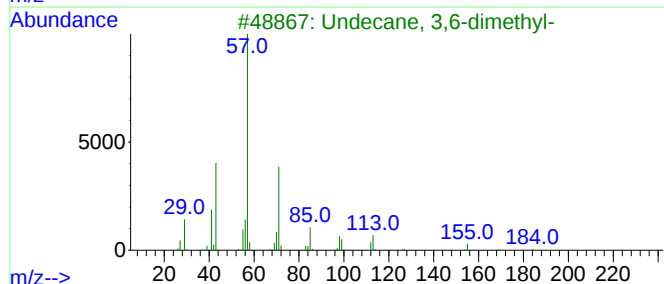
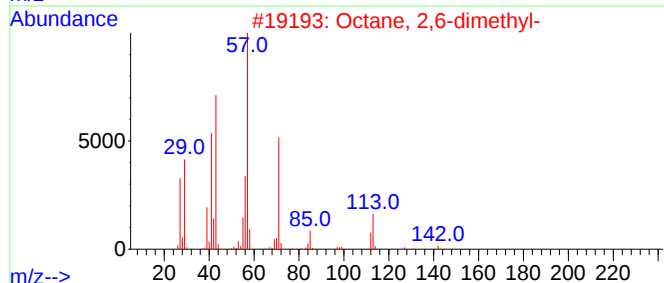
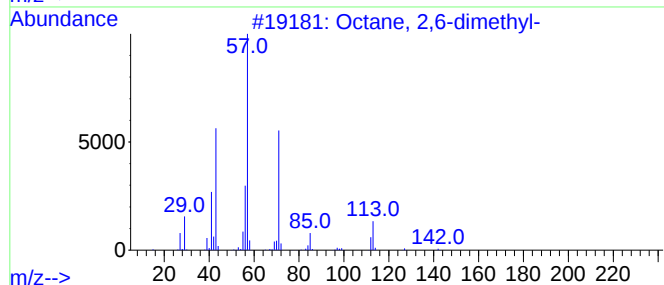
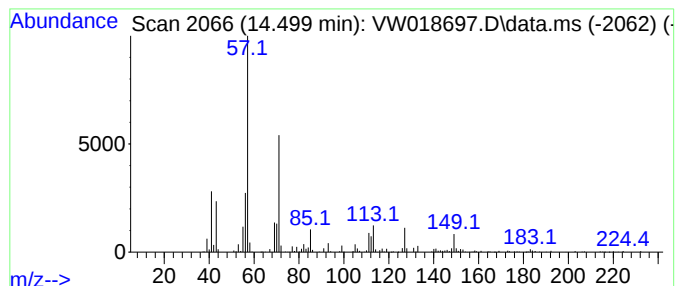
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	28.77 ug/L	336680	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	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

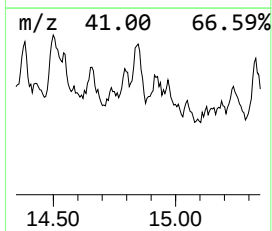
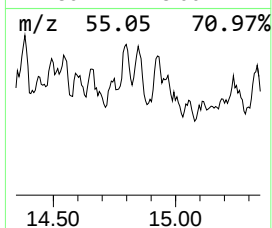
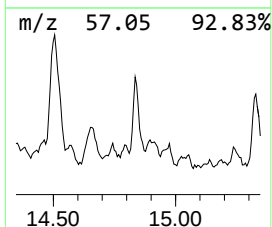
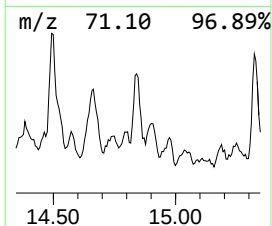
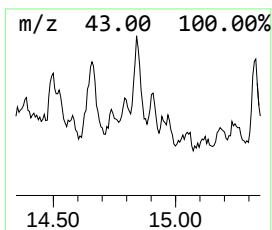
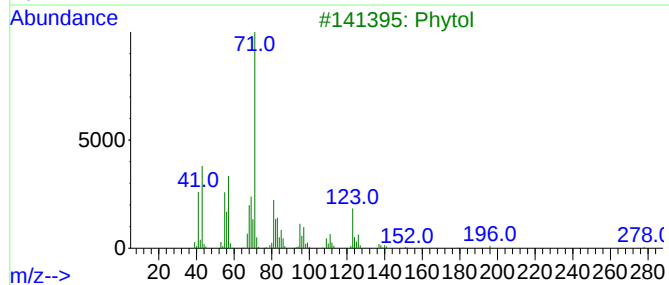
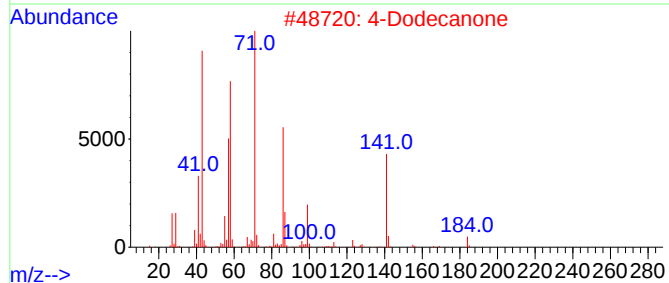
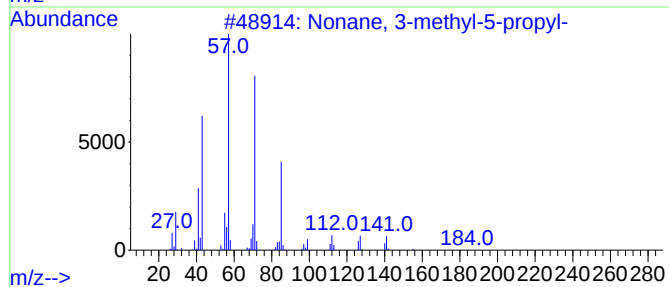
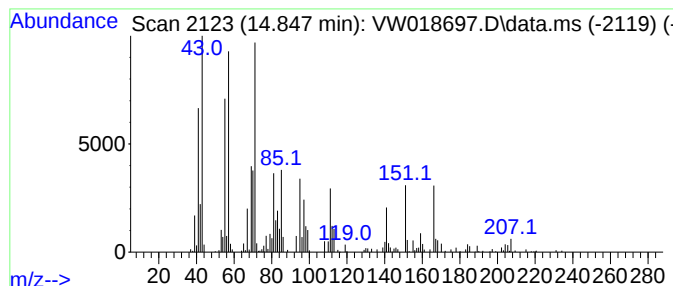
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ClientSampleId :
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.847	18.39 ug/L	215233	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	35
2	4-Dodecanone		184	C12H24O	006137-26-4	35
3	Phytol		296	C20H40O	000150-86-7	35
4	1-Nonene, 4,6,8-trimethyl-		168	C12H24	054410-98-9	35
5	Heptane, 3-[(ethenyl)oxy]methyl-		156	C10H20O	000103-44-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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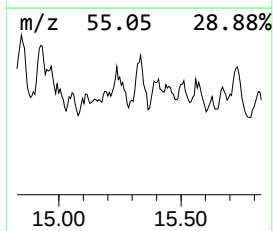
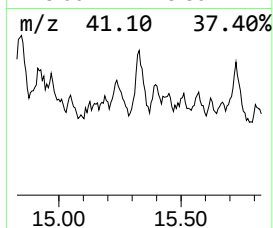
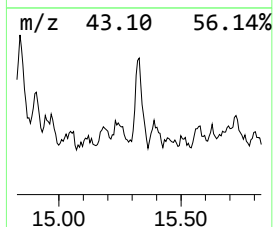
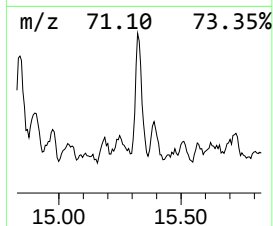
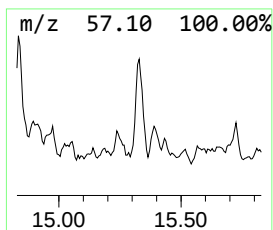
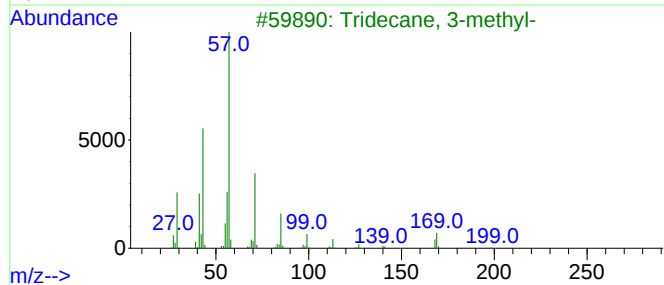
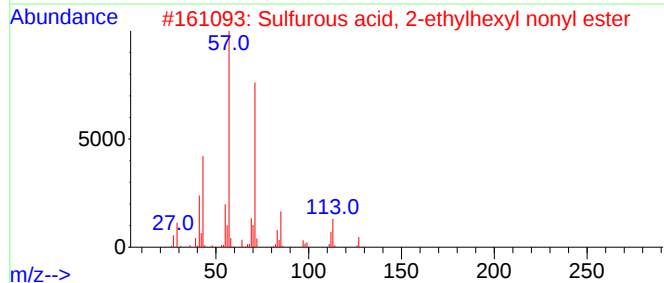
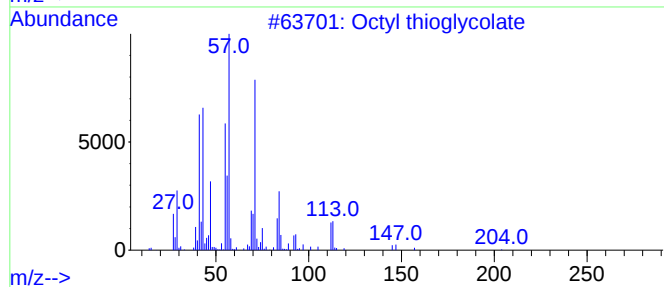
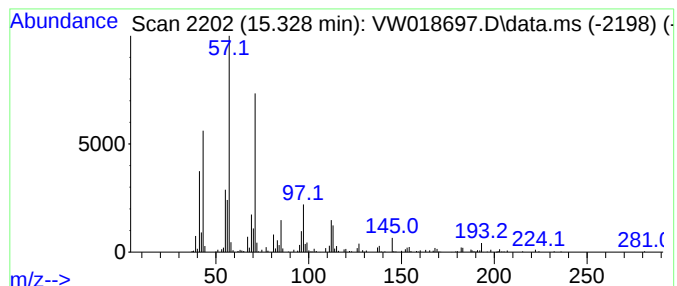
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Octyl thioglycolate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	18.20 ug/L	212993	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octyl thioglycolate	204	C10H20O2S	007664-80-4	62
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59
3			Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	52
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
Data File : VW018697.D
Acq On : 20 Apr 2021 17:36
Operator : SY/VA
Sample : M2065-18
Misc : 2.60G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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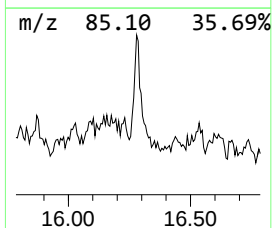
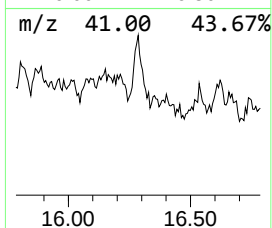
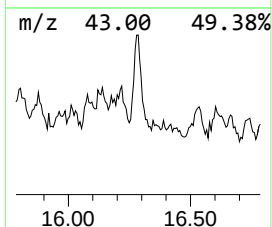
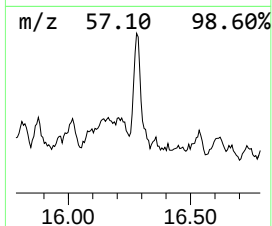
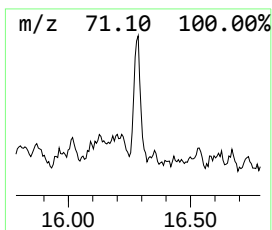
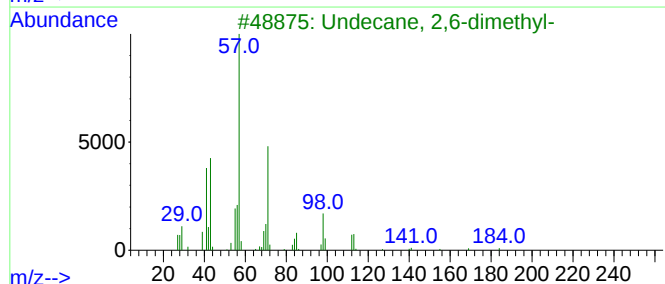
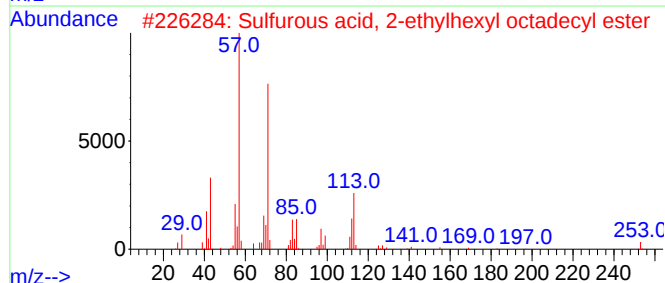
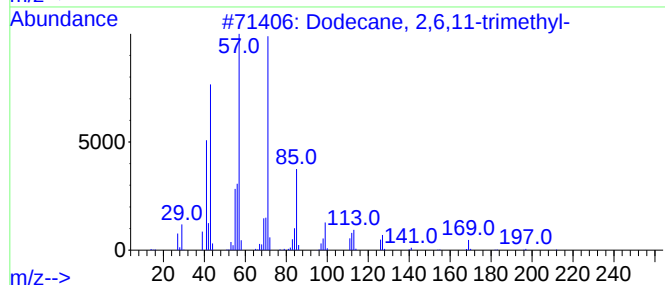
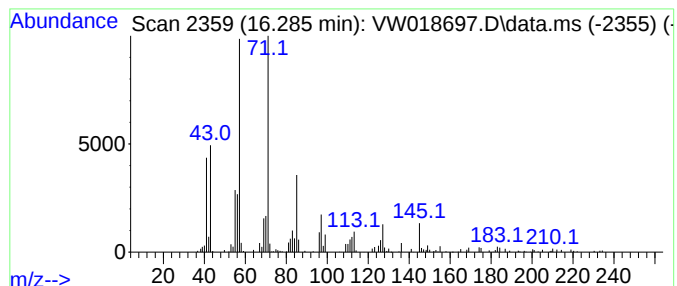
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Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.285	14.12 ug/L	165258	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018697.D
 Acq On : 20 Apr 2021 17:36
 Operator : SY/VA
 Sample : M2065-18
 Misc : 2.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG571

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	5.946	1.5	ug/L	56400	1	8.842	917174	25.0
(DEL) Alkane: S...	8.482	2.1	ug/L	78168	1	8.842	917174	25.0
(DEL) Alkane: S...	9.762	1.9	ug/L	70031	1	8.842	917174	25.0
(DEL) Alkane: S...	9.896	2.5	ug/L	93032	1	8.842	917174	25.0
unknown-01	11.067	2.0	ug/L	58401	2	11.634	722814	25.0
(DEL) Alkane: S...	12.591	32.8	ug/L	948288	2	11.634	722814	25.0
(DEL) Alkane: S...	12.749	12.2	ug/L	143266	3	13.560	292539	25.0
(DEL) Alkane: C...	12.859	12.1	ug/L	141557	3	13.560	292539	25.0
(DEL) Alkane: C...	12.932	15.8	ug/L	184316	3	13.560	292539	25.0
unknown-02	12.963	32.6	ug/L	381205	3	13.560	292539	25.0
(DEL) Alkane: S...	13.195	55.4	ug/L	647707	3	13.560	292539	25.0
(DEL) Alkane: S...	13.298	23.8	ug/L	278677	3	13.560	292539	25.0
(DEL) Alkane: S...	13.408	67.8	ug/L	792993	3	13.560	292539	25.0
(DEL) Alkane: S...	13.481	7.2	ug/L	84298	3	13.560	292539	25.0
(DEL) Alkane: S...	13.768	43.5	ug/L	508410	3	13.560	292539	25.0
unknown-03	14.066	19.3	ug/L	225315	3	13.560	292539	25.0
(DEL) Alkane: S...	14.188	5.5	ug/L	63867	3	13.560	292539	25.0
(DEL) Alkane: S...	14.262	15.7	ug/L	183694	3	13.560	292539	25.0
trans-Decalin, ...	14.383	12.6	ug/L	147577	3	13.560	292539	25.0
(DEL) Alkane: S...	14.499	28.8	ug/L	336680	3	13.560	292539	25.0
(DEL) Alkane: S...	14.847	18.4	ug/L	215233	3	13.560	292539	25.0
Octyl thioglyco...	15.328	18.2	ug/L	212993	3	13.560	292539	25.0
(DEL) Alkane: S...	16.285	14.1	ug/L	165258	3	13.560	292539	25.0