

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018845.D
 Acq On : 29 Apr 2021 15:06
 Operator : SY/VA
 Sample : M2177-10RE
 Misc : 3.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG576RE

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\SFAMWLM042921SMA.M
 Title : SFAM01.0

Signal : TIC: VW018845.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	50	rBV2	9497	24652	1.11%	0.097%
2	2.355	65	74	93	rBV	196932	416408	18.67%	1.638%
3	2.501	95	98	102	rVV	3079	4094	0.18%	0.016%
4	2.891	153	162	178	rBV	114539	297435	13.33%	1.170%
5	3.026	182	184	192	rVB9	3085	5691	0.26%	0.022%
6	3.129	198	201	202	rBV2	1301	1153	0.05%	0.005%
7	3.391	239	244	252	rVV4	3940	9042	0.41%	0.036%
8	3.593	268	277	279	rBV4	881	2192	0.10%	0.009%
9	4.019	333	347	361	rBV	254699	784262	35.16%	3.085%
10	4.135	361	366	371	rVV	17790	48440	2.17%	0.191%
11	4.208	371	378	392	rVB	72970	210938	9.46%	0.830%
12	4.391	398	408	413	rBV	12576	40486	1.81%	0.159%
13	4.922	483	495	515	rBV2	36564	137015	6.14%	0.539%
14	5.208	539	542	549	rVB4	1186	2517	0.11%	0.010%
15	5.446	575	581	582	rVV3	1194	1910	0.09%	0.008%
16	5.793	634	638	644	rVB4	1407	3384	0.15%	0.013%
17	5.940	653	662	675	rVB3	13150	40986	1.84%	0.161%
18	6.885	812	817	819	rBV4	831	1594	0.07%	0.006%
19	6.988	829	834	840	rVB6	1743	3338	0.15%	0.013%
20	7.086	840	850	855	rBV	51952	148549	6.66%	0.584%
21	7.147	855	860	876	rVB2	43390	138083	6.19%	0.543%
22	7.531	917	923	925	rBV5	794	1290	0.06%	0.005%
23	7.653	931	943	955	rBV	371386	907769	40.69%	3.571%
24	7.952	985	992	1000	rVB5	3700	9517	0.43%	0.037%
25	8.037	1000	1006	1015	rVB6	1853	5124	0.23%	0.020%
26	8.159	1024	1026	1032	rVB4	987	1453	0.07%	0.006%
27	8.281	1032	1046	1061	rBV2	743452	2230667	100.00%	8.776%
28	8.476	1070	1078	1090	rVB2	19737	51118	2.29%	0.201%
29	8.695	1108	1114	1120	rBV5	2689	5693	0.26%	0.022%
30	8.842	1129	1138	1159	rBV	678886	1345731	60.33%	5.294%
31	9.073	1168	1176	1187	rBV2	13317	29378	1.32%	0.116%
32	9.274	1200	1209	1226	rBV	465731	973636	43.65%	3.830%
33	9.384	1226	1227	1233	rVB4	1947	2383	0.11%	0.009%
34	9.463	1236	1240	1248	rBV4	1737	3090	0.14%	0.012%
35	9.537	1248	1252	1256	rVB6	1110	1702	0.08%	0.007%
36	9.756	1282	1288	1295	rVV	18709	38447	1.72%	0.151%

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 Title : SFAM01.0

37	9.890	1300	1310	1317	rBV2	23732	52582	2.36%	0.207%
38	10.037	1322	1334	1347	rBV	163169	295404	13.24%	1.162%
39	10.140	1347	1351	1355	rVB6	1018	1707	0.08%	0.007%
40	10.207	1357	1362	1364	rBV3	8517	13400	0.60%	0.053%
41	10.250	1364	1369	1374	rVB	27347	48669	2.18%	0.191%
42	10.323	1374	1381	1388	rBV	887007	1579629	70.81%	6.214%
43	10.390	1388	1392	1398	rVB	15369	26891	1.21%	0.106%
44	10.500	1404	1410	1411	rBV6	2720	4188	0.19%	0.016%
45	10.579	1417	1423	1435	rVB	110260	194286	8.71%	0.764%
46	10.701	1437	1443	1450	rBV	48983	89310	4.00%	0.351%
47	10.774	1450	1455	1459	rBV7	4094	7440	0.33%	0.029%
48	10.805	1459	1460	1464	rVB4	1931	1603	0.07%	0.006%
49	10.927	1473	1480	1490	rBV	211210	369106	16.55%	1.452%
50	11.061	1497	1502	1507	rVV	22613	36693	1.64%	0.144%
51	11.109	1507	1510	1517	rVB6	5807	9987	0.45%	0.039%
52	11.177	1518	1521	1526	rBV6	3123	4181	0.19%	0.016%
53	11.225	1526	1529	1534	rBV3	9042	14951	0.67%	0.059%
54	11.286	1534	1539	1544	rBV4	8967	15295	0.69%	0.060%
55	11.335	1544	1547	1553	rVB8	2847	4668	0.21%	0.018%
56	11.439	1558	1564	1572	rVB2	52004	90735	4.07%	0.357%
57	11.536	1574	1580	1586	rVB10	4348	11688	0.52%	0.046%
58	11.634	1586	1596	1603	rBV	654528	1172592	52.57%	4.613%
59	11.695	1603	1606	1615	rVB2	23217	39846	1.79%	0.157%
60	11.762	1615	1617	1621	rVB4	4311	6738	0.30%	0.027%
61	11.823	1621	1627	1632	rBV3	23839	55556	2.49%	0.219%
62	11.878	1632	1636	1646	rVB4	33796	71598	3.21%	0.282%
63	11.975	1646	1652	1655	rBV4	16159	31858	1.43%	0.125%
64	12.067	1664	1667	1671	rVB	10826	13836	0.62%	0.054%
65	12.128	1671	1677	1681	rBV4	34261	77527	3.48%	0.305%
66	12.164	1681	1683	1688	rVV	20306	25642	1.15%	0.101%
67	12.243	1691	1696	1702	rVB3	32514	71344	3.20%	0.281%
68	12.359	1702	1715	1722	rBV3	91402	276508	12.40%	1.088%
69	12.451	1722	1730	1735	rBV4	53729	138843	6.22%	0.546%
70	12.591	1746	1753	1762	rVB2	333325	728545	32.66%	2.866%
71	12.695	1762	1770	1775	rBV	334907	666975	29.90%	2.624%
72	12.756	1775	1780	1782	rBV2	97568	168991	7.58%	0.665%
73	12.859	1790	1797	1803	rBV6	104424	280799	12.59%	1.105%
74	12.963	1803	1814	1820	rVV5	182671	635043	28.47%	2.498%
75	13.079	1829	1833	1836	rBV3	63502	92991	4.17%	0.366%
76	13.194	1844	1852	1860	rVB	362021	736417	33.01%	2.897%

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77	13.262	1860	1863	1864	rBV2	38241	43335	1.94%	0.170%
78	13.298	1864	1869	1873	rVV2	227798	355878	15.95%	1.400%
79	13.341	1873	1876	1879	rVB2	68679	86846	3.89%	0.342%
80	13.408	1879	1887	1896	rBV	531961	1119792	50.20%	4.405%
81	13.481	1896	1899	1902	rVV	106659	156888	7.03%	0.617%
82	13.518	1902	1905	1907	rVV2	94737	143052	6.41%	0.563%
83	13.560	1907	1912	1915	rVV	336632	600056	26.90%	2.361%
84	13.603	1915	1919	1928	rVB	577116	1278294	57.31%	5.029%
85	13.694	1929	1934	1939	rBV4	130958	261480	11.72%	1.029%
86	13.768	1939	1946	1950	rBV3	217078	410736	18.41%	1.616%
87	13.853	1955	1960	1968	rBV2	310958	777440	34.85%	3.059%
88	14.017	1985	1987	1991	rBV4	77218	116121	5.21%	0.457%
89	14.066	1992	1995	2000	rBV3	191384	345531	15.49%	1.359%
90	14.188	2012	2015	2019	rBV	127926	170692	7.65%	0.672%
91	14.261	2022	2027	2033	rVV3	227131	429946	19.27%	1.691%
92	14.383	2043	2047	2051	rBV	184999	248121	11.12%	0.976%
93	14.499	2061	2066	2072	rBV5	211369	652580	29.25%	2.567%
94	14.658	2089	2092	2101	rVB4	109337	182927	8.20%	0.720%
95	14.737	2102	2105	2110	rVV4	91641	133625	5.99%	0.526%
96	14.798	2111	2115	2118	rVV3	155427	252759	11.33%	0.994%
97	14.847	2119	2123	2128	rVB4	265286	485022	21.74%	1.908%
98	15.334	2198	2203	2208	rVB3	192911	387560	17.37%	1.525%
99	15.395	2208	2213	2217	rBV4	175408	370695	16.62%	1.458%
100	15.566	2237	2241	2247	rBV4	143092	316061	14.17%	1.243%

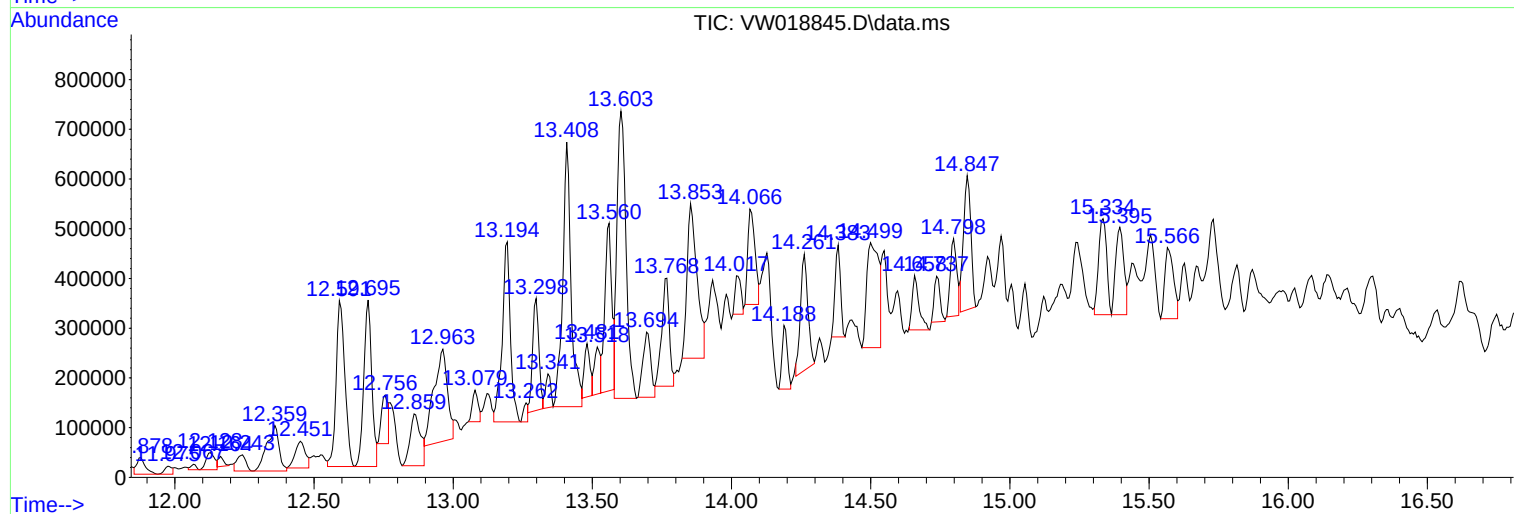
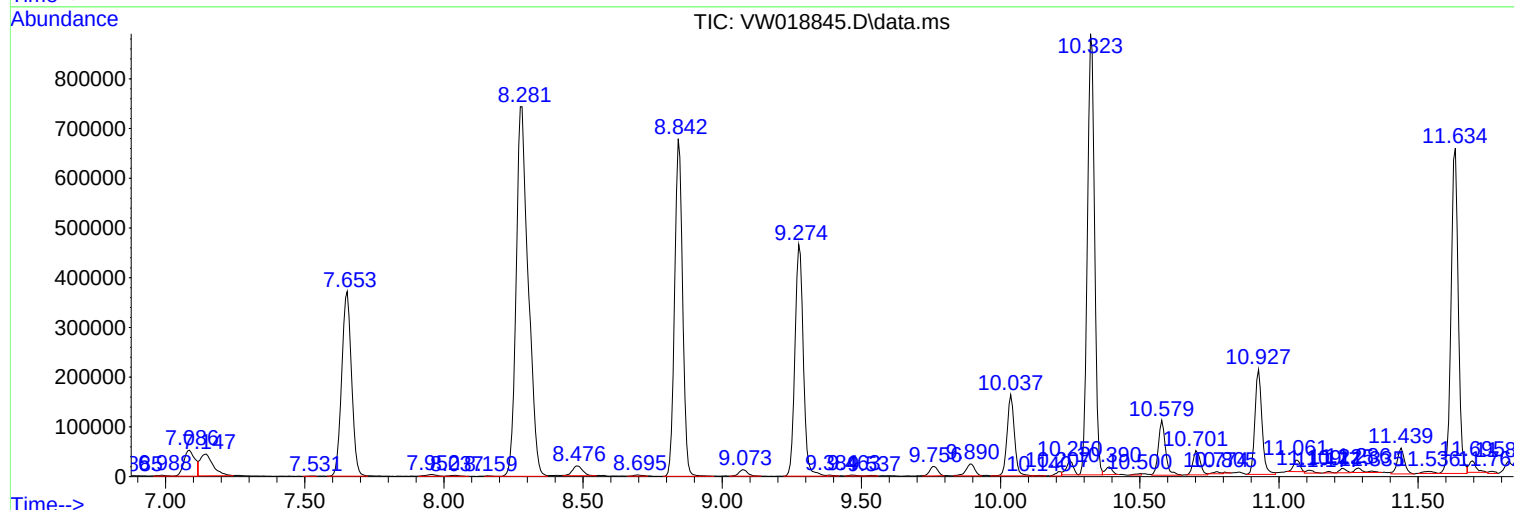
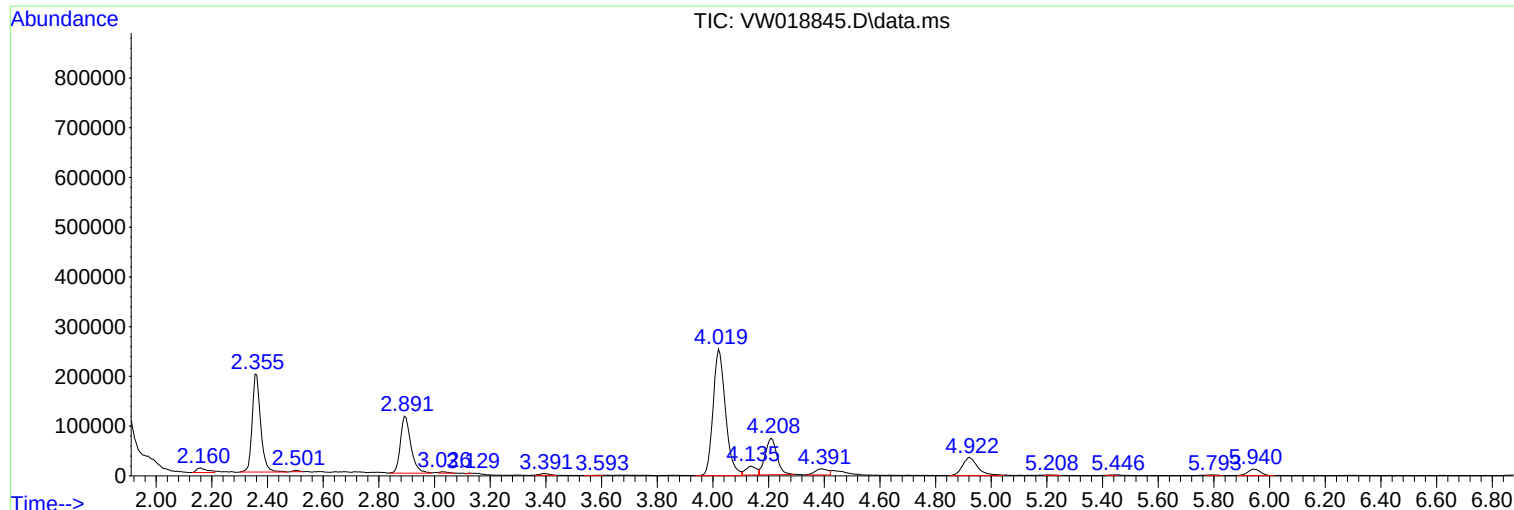
Sum of corrected areas: 25418666

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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



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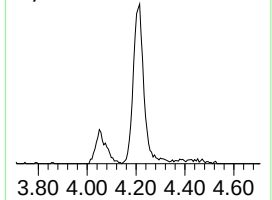
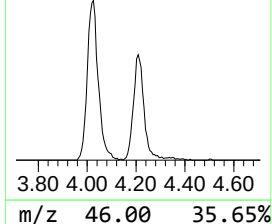
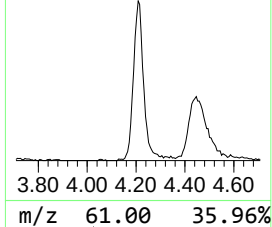
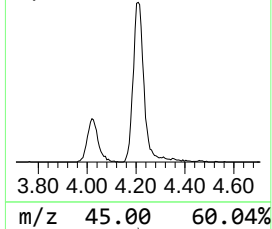
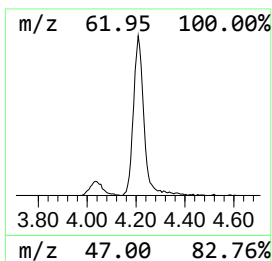
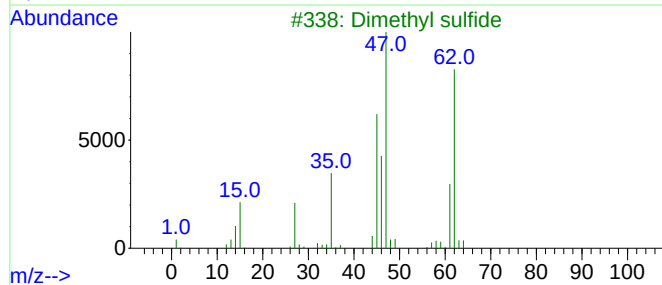
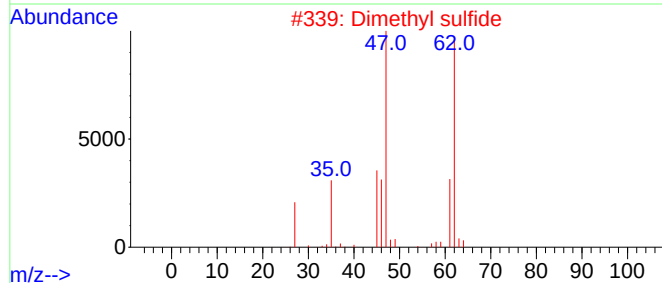
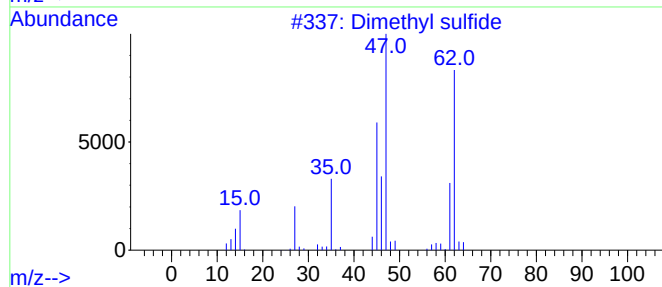
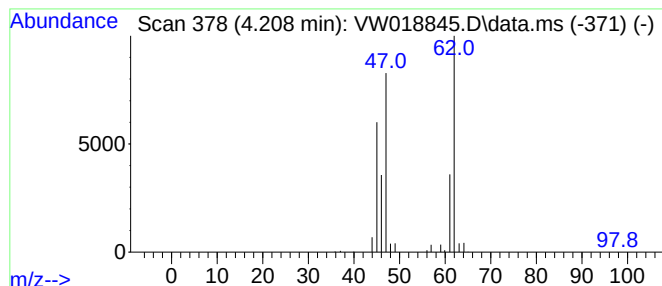
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Dimethyl sulfide Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	3.92 ug/L	210938	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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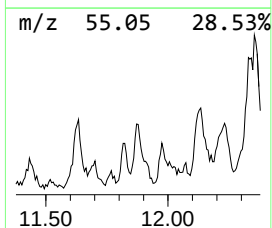
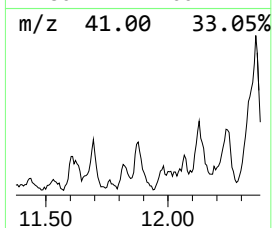
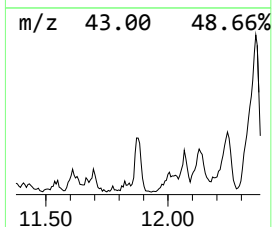
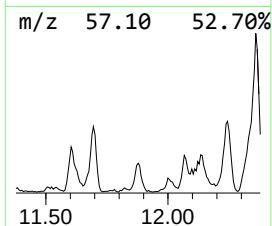
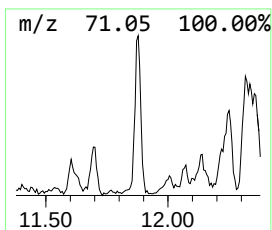
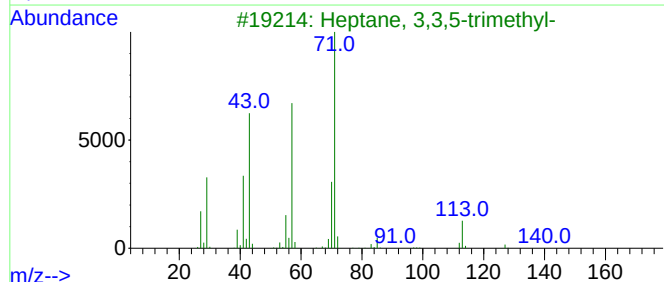
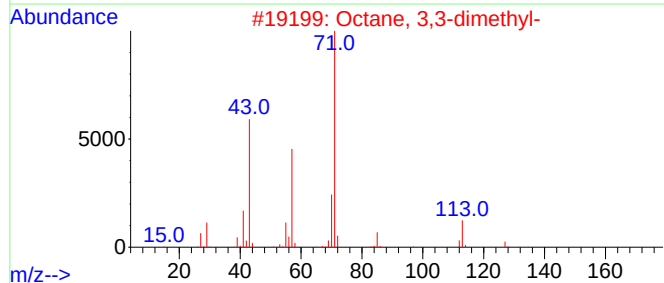
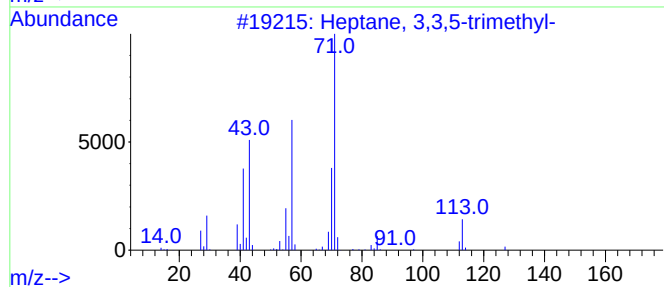
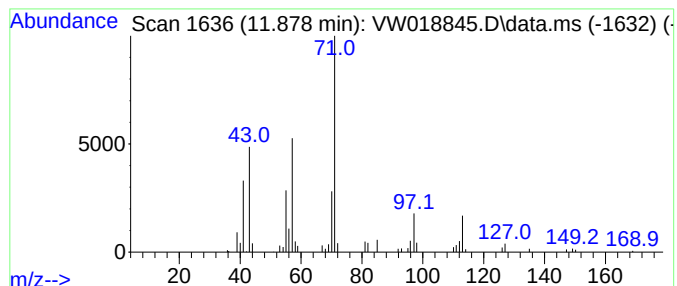
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.878	1.53 ug/L	71598	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	80
2	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	72
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	56
4	Heptane, 2,5,5-trimethyl-		142	C10H22	001189-99-7	56
5	Undecane, 3,3-dimethyl-		184	C13H28	017312-65-1	53



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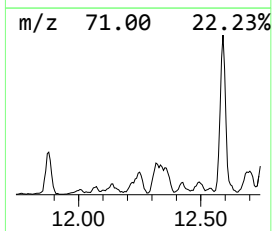
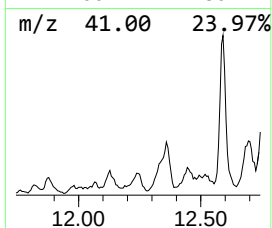
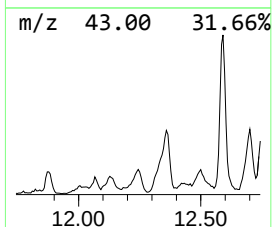
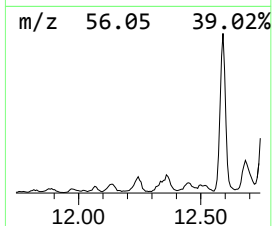
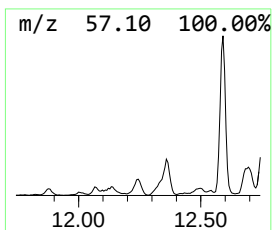
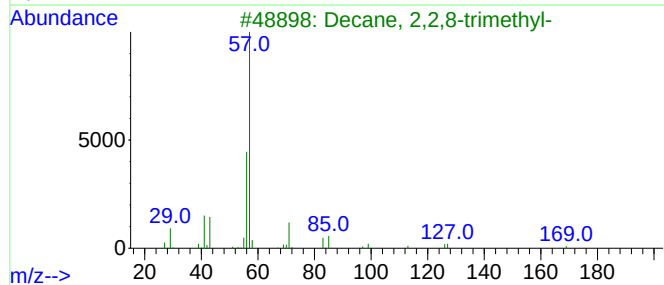
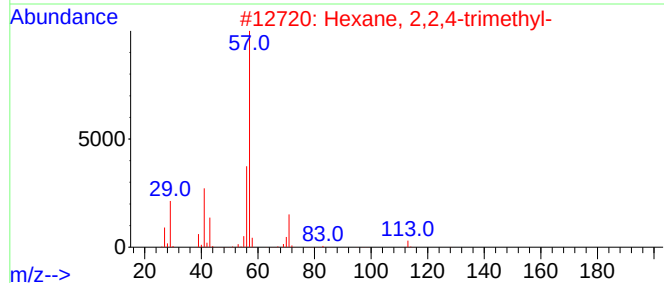
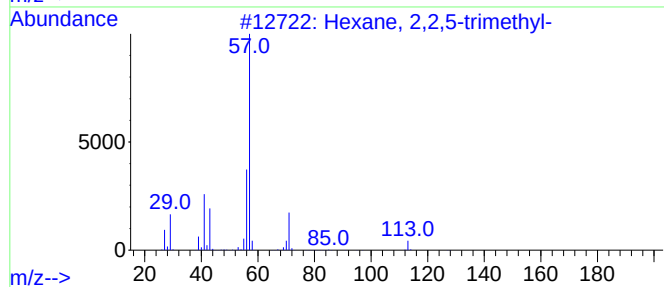
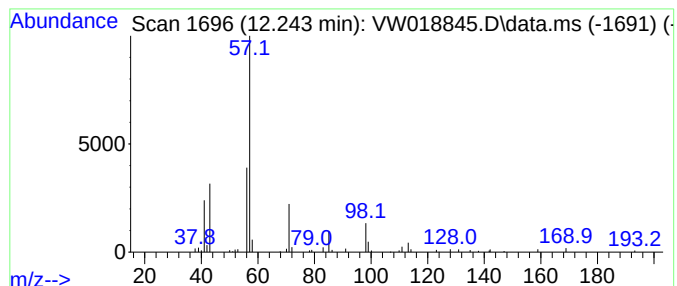
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.243	1.52 ug/L	71344	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
3			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	50
4			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
5			Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

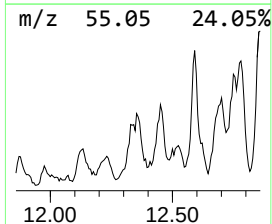
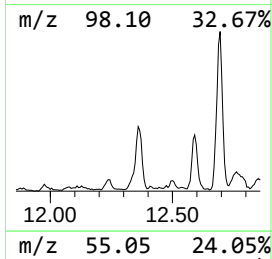
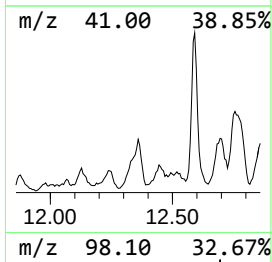
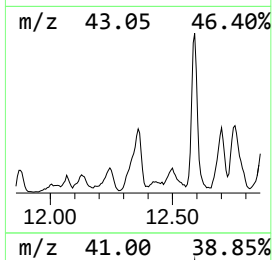
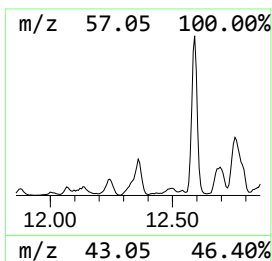
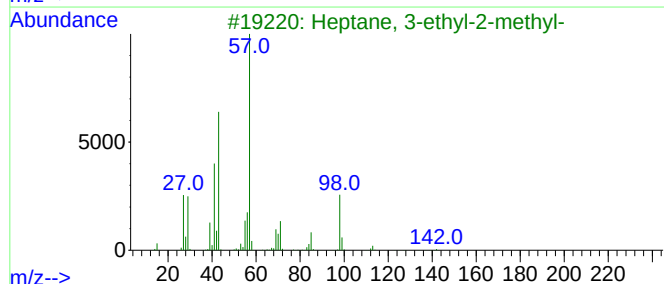
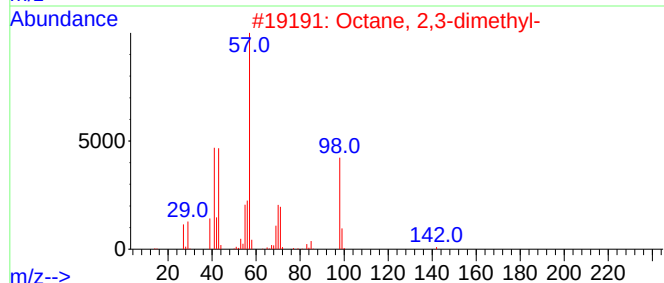
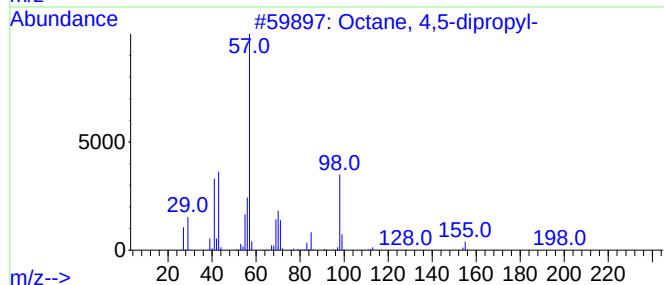
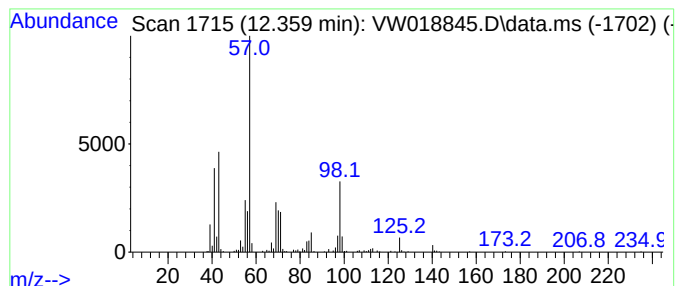
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.359	5.90 ug/L	276508	Chlorobenzene-d5		11.634	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-		198	C14H30	020905-05-9	72
2	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	64
3	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	64
4	Heptane, 3-ethyl-2-methyl-		142	C10H22	014676-29-0	59
5	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

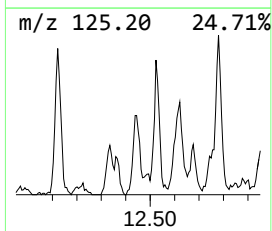
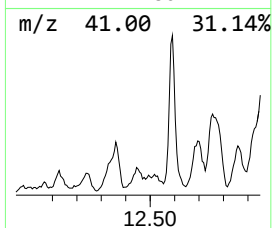
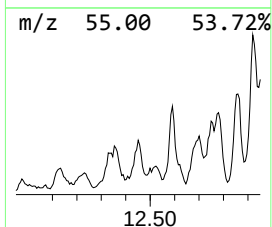
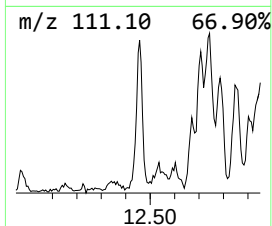
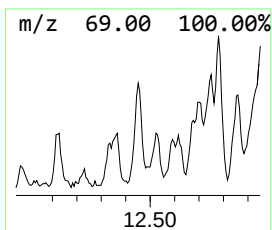
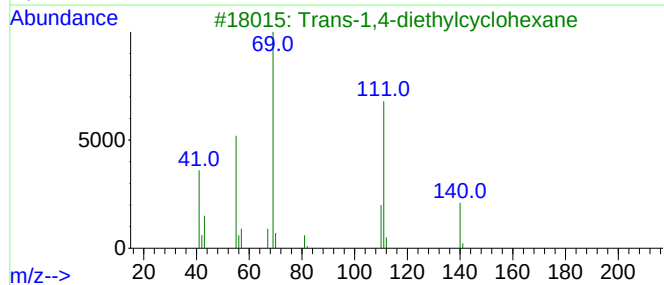
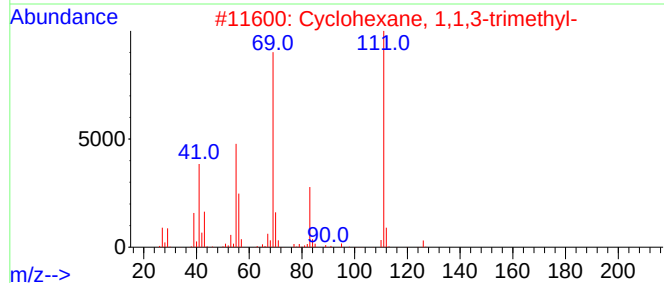
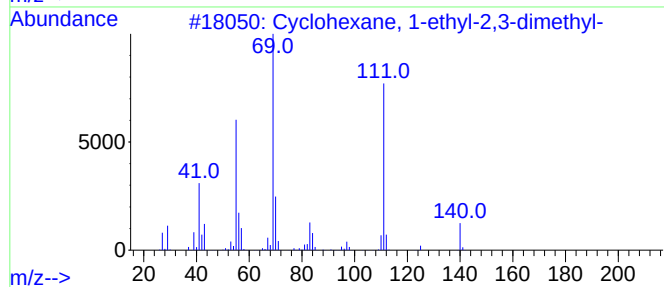
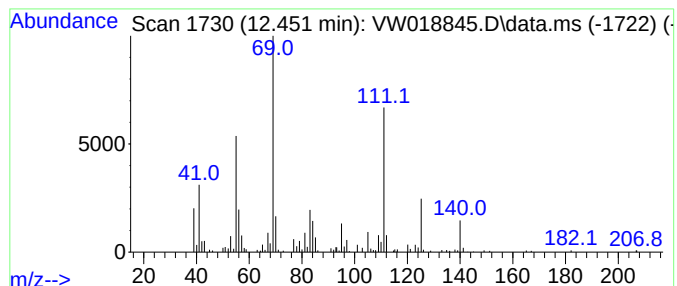
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.451 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	2.96 ug/L	138843	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	70
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	68
3			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	60
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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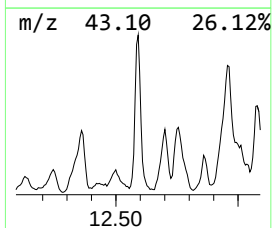
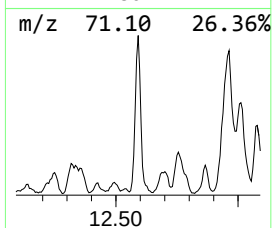
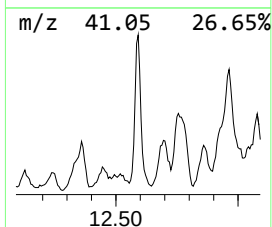
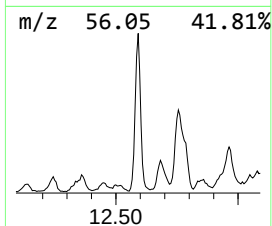
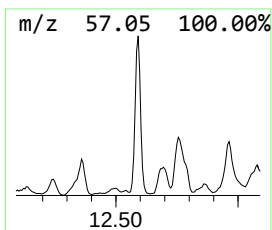
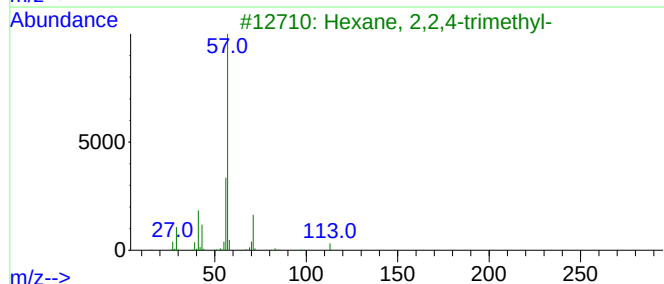
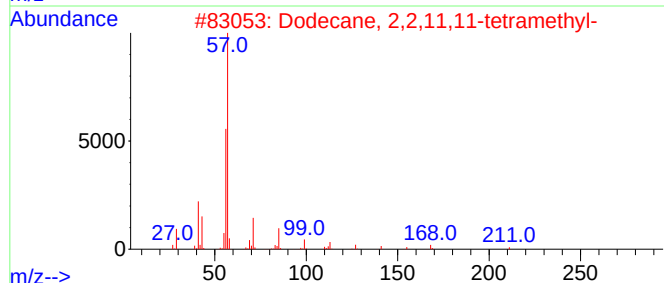
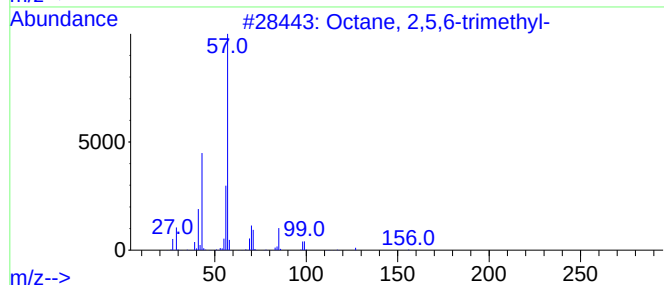
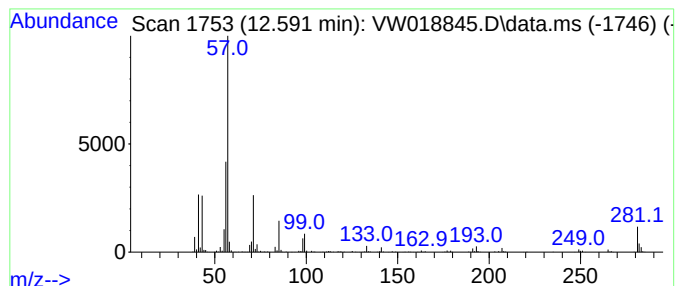
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.591	15.53 ug/L	728545	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
2			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	53
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
5			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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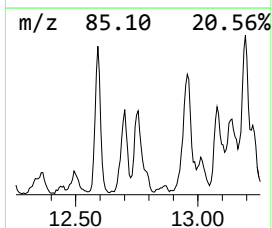
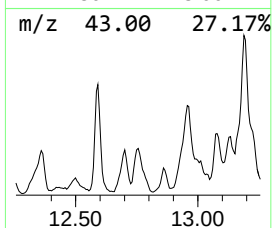
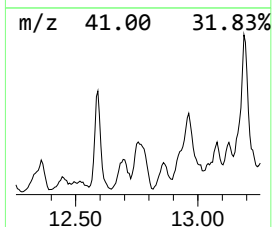
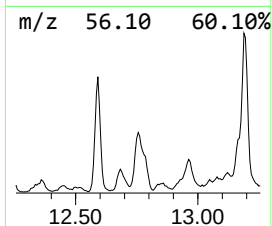
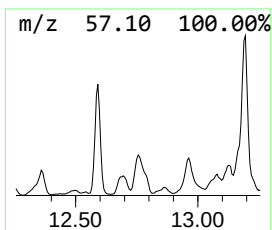
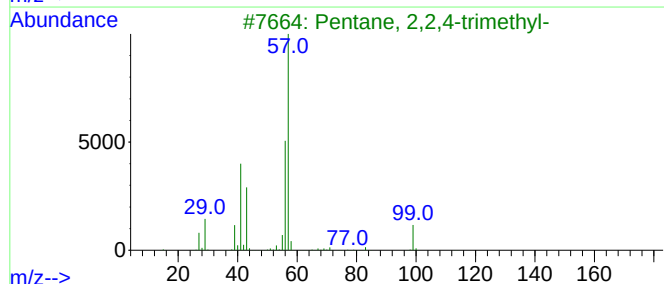
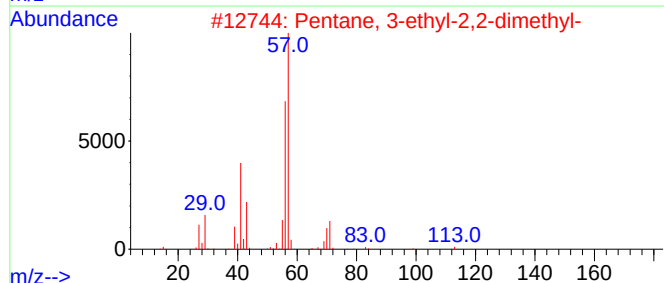
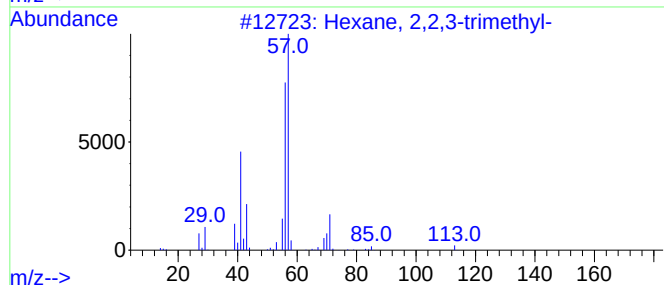
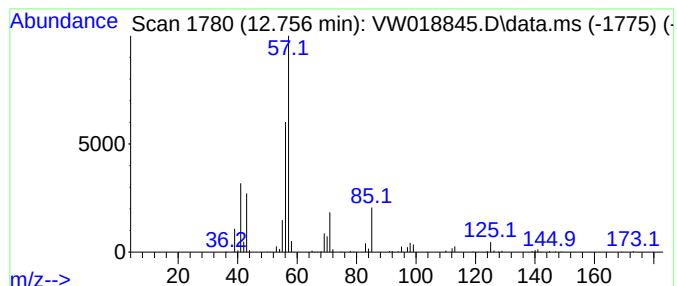
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.756	7.04 ug/L	168991	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50
2		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	47
3		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	47
4		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	46
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

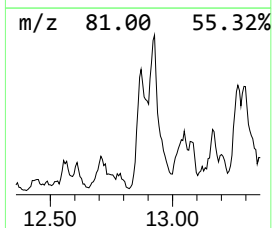
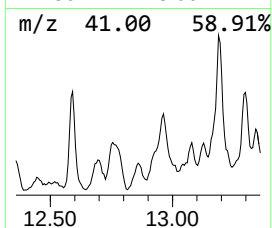
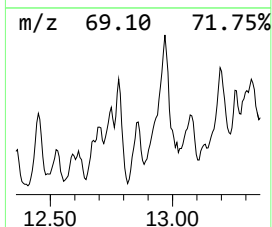
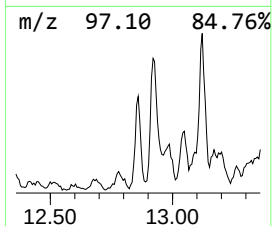
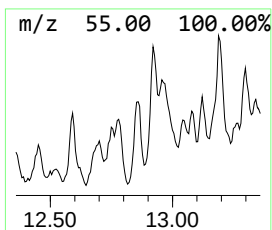
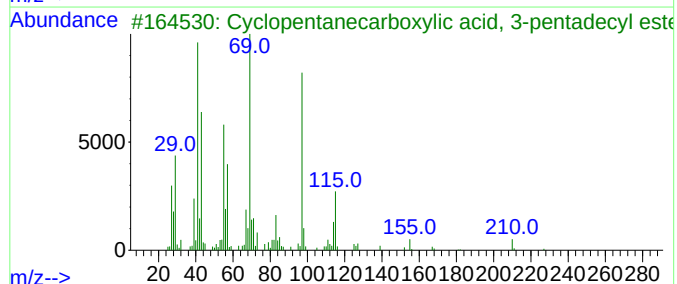
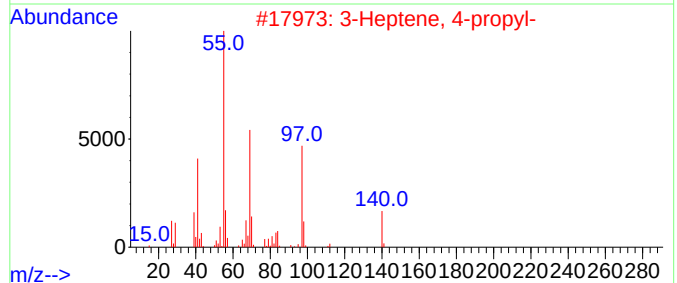
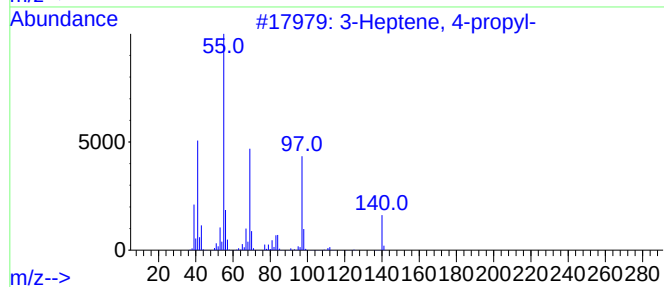
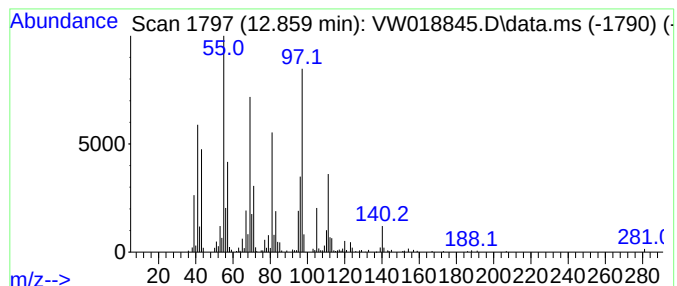
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.859	11.70 ug/L	280799	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Heptene, 4-propyl-		140	C10H20	004485-13-6	46
2	3-Heptene, 4-propyl-		140	C10H20	004485-13-6	46
3	Cyclopentanecarboxylic acid, 3-p...		324	C21H40O2	1000280-59-1	43
4	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	001678-82-6	43
5	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	006069-98-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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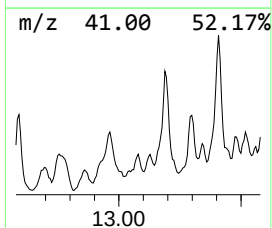
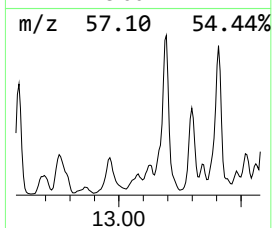
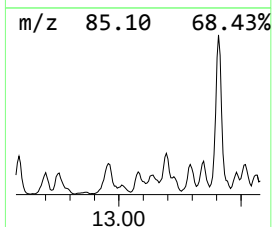
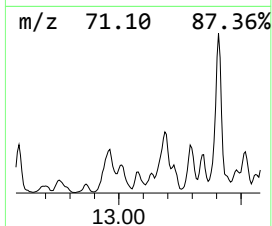
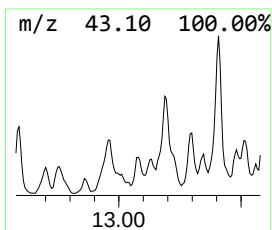
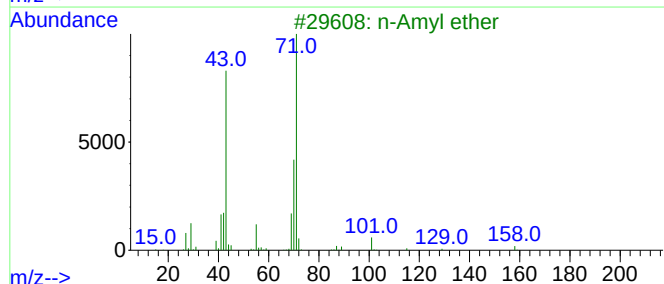
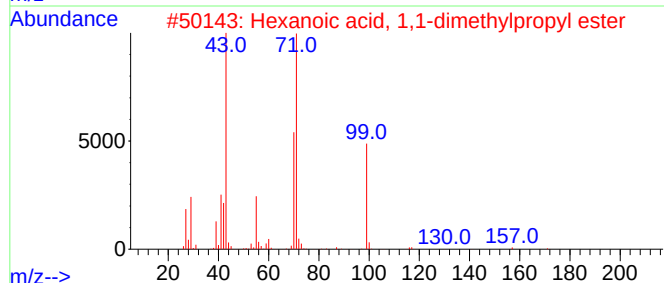
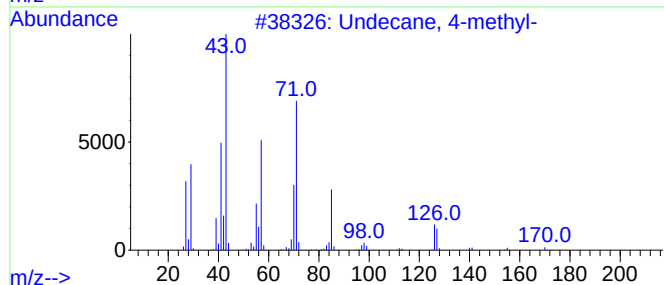
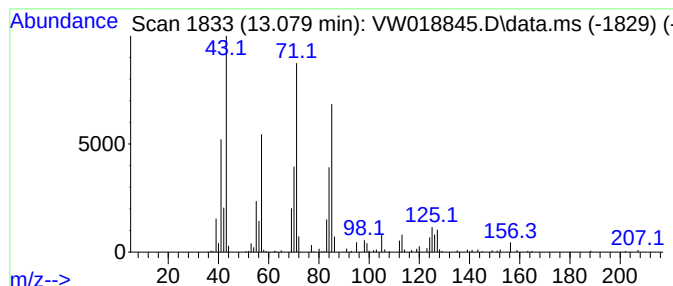
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	3.87 ug/L	92991	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	50
2			Hexanoic acid, 1,1-dimethylpropyl...	186	C11H22O2	116423-69-9	43
3			n-Amyl ether	158	C10H22O	000693-65-2	43
4			Ethanone, 1-(2,2-dimethylcyclo...	140	C9H16O	003664-75-3	43
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

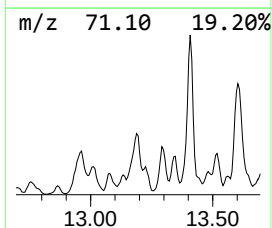
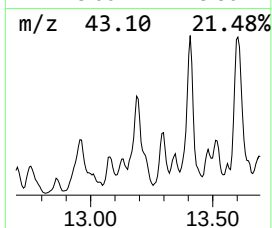
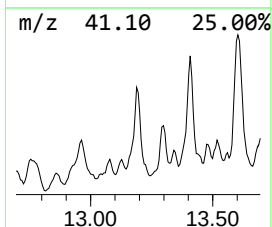
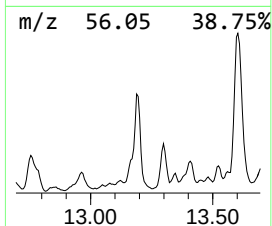
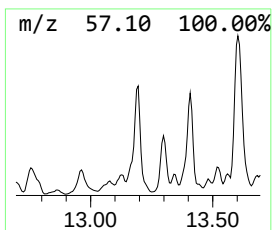
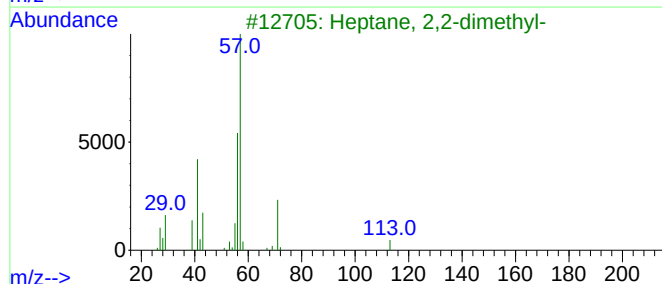
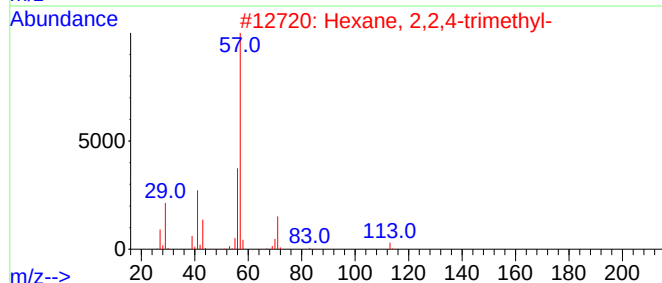
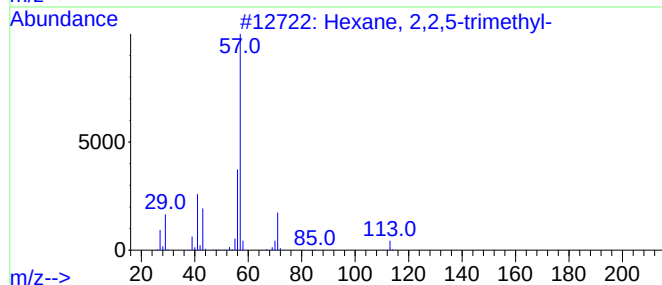
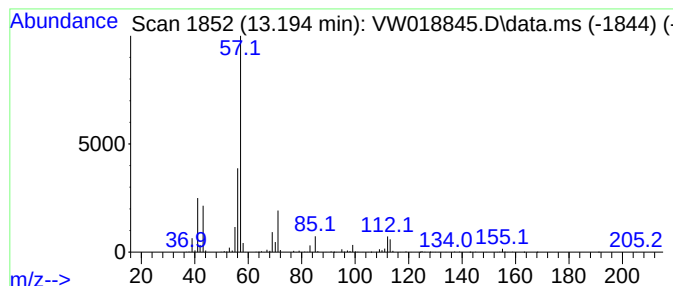
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MSVOA_W
ClientSampleId :
BG576RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.195	30.68 ug/L	736417	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	64
2	Hexane, 2,2,4-trimethyl-		128	C9H20	016747-26-5	59
3	Heptane, 2,2-dimethyl-		128	C9H20	001071-26-7	59
4	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	59
5	Hexane, 2,2,4-trimethyl-		128	C9H20	016747-26-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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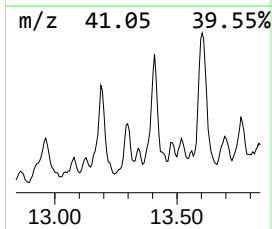
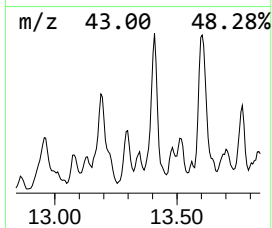
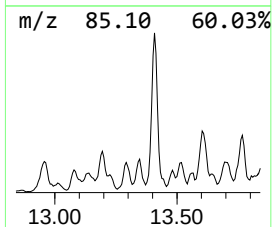
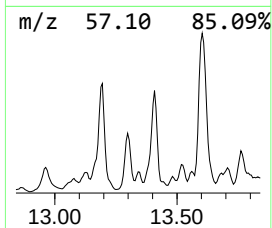
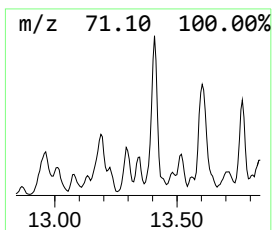
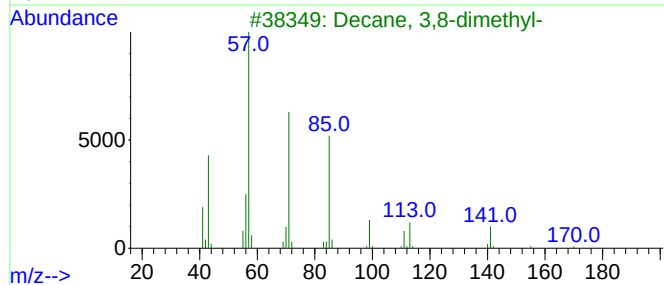
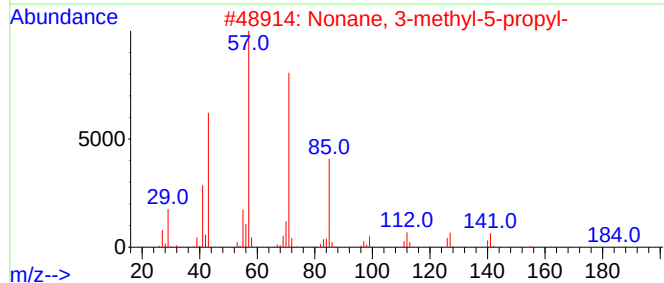
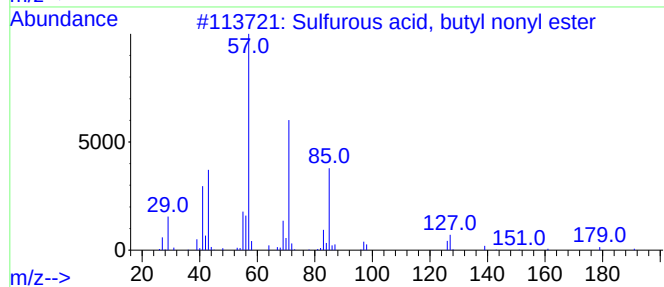
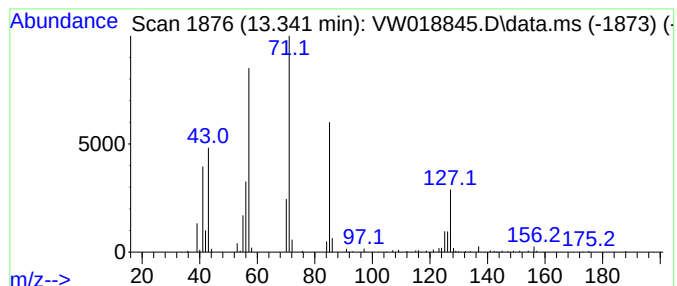
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Quant Title : SFAM01.0

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

Peak Number 14 Sulfurous acid, butyl nonyl... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.341	3.62 ug/L	86846	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	53
5			Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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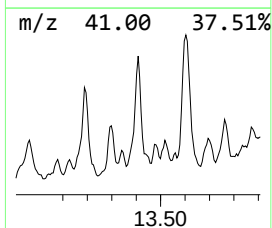
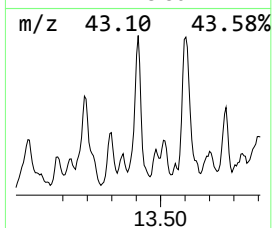
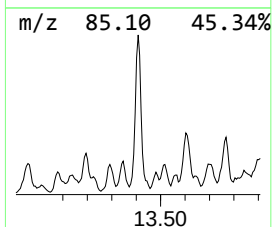
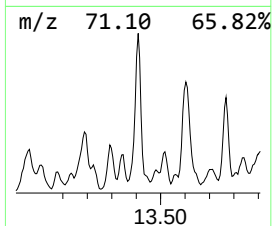
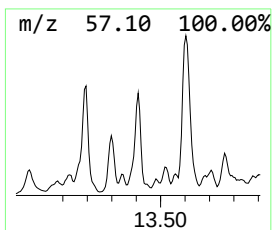
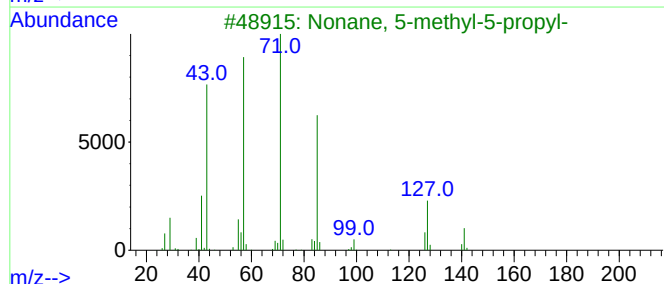
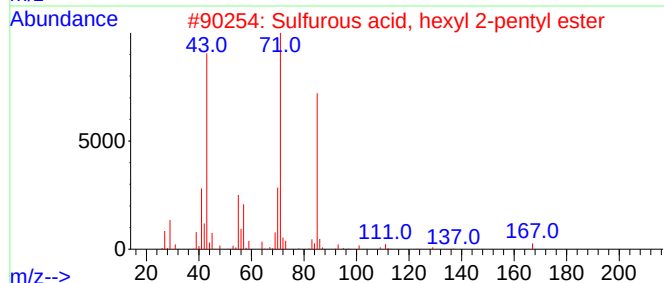
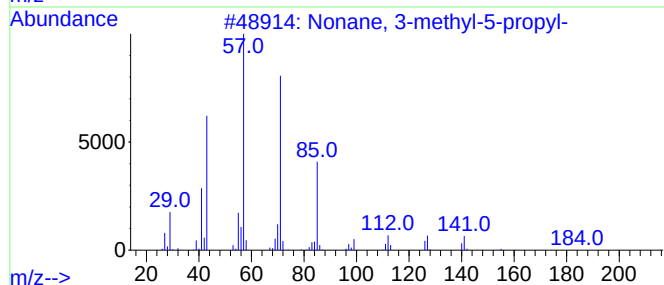
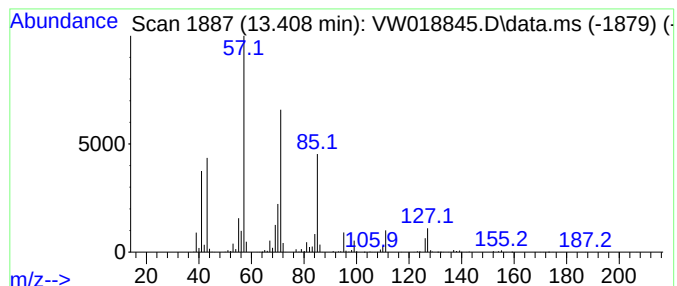
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	46.65 ug/L	1119790	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	64
2			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
3			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50
4			Pentadecane	212	C15H32	000629-62-9	50
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

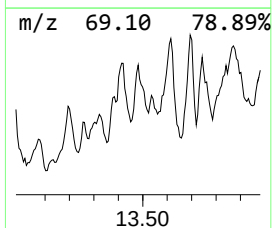
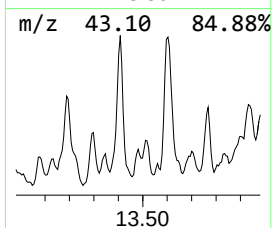
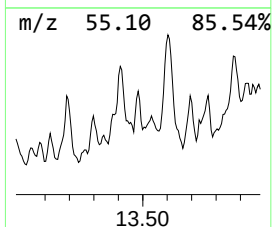
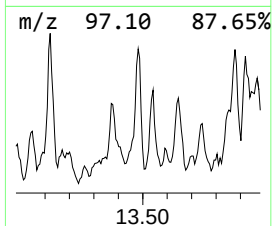
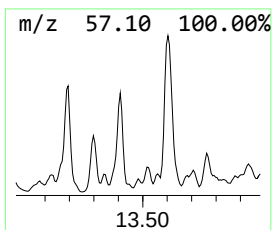
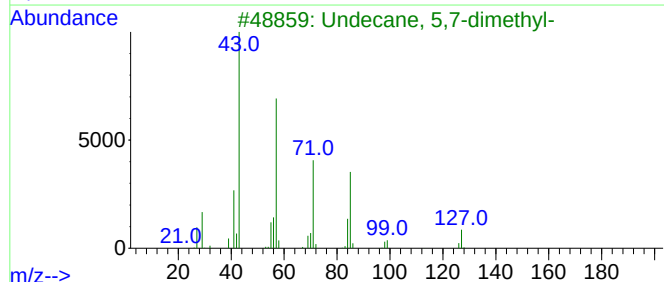
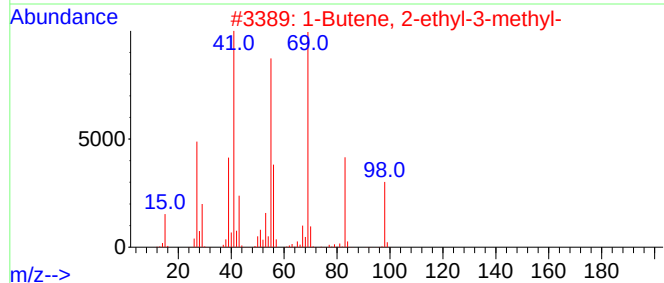
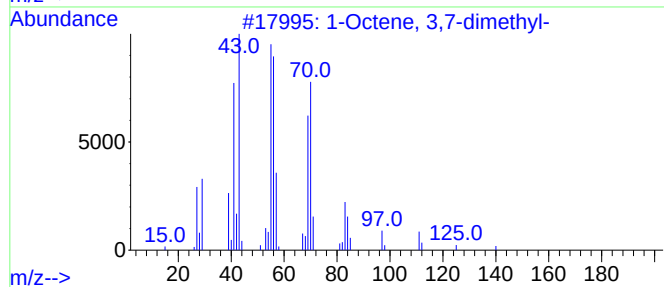
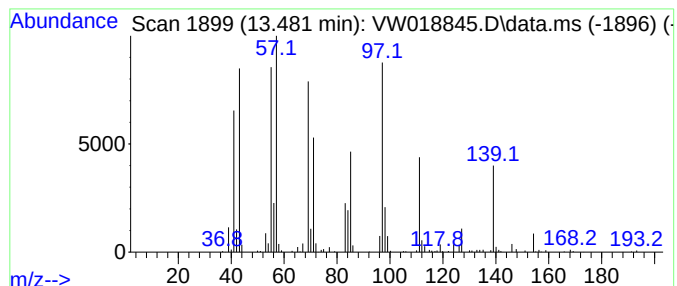
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.481	6.54 ug/L	156888	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	25
2		1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	18
3		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	14
4		2-Hexene, 2,5-dimethyl-	112	C8H16	003404-78-2	11
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

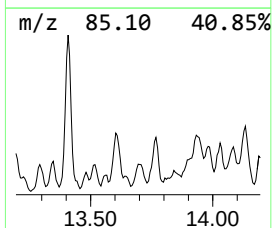
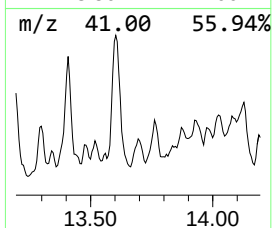
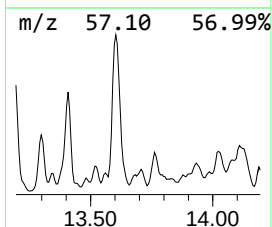
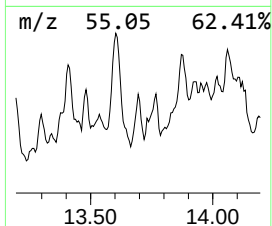
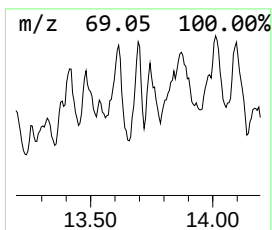
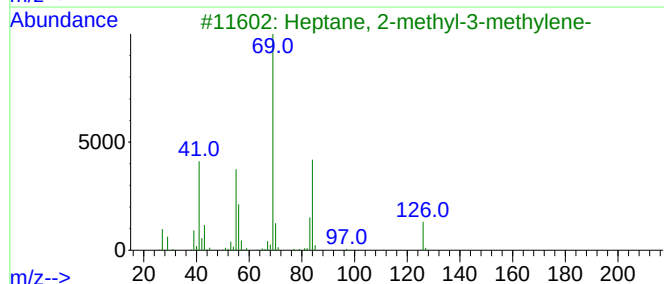
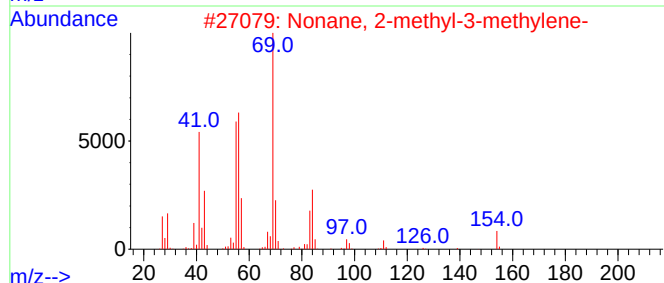
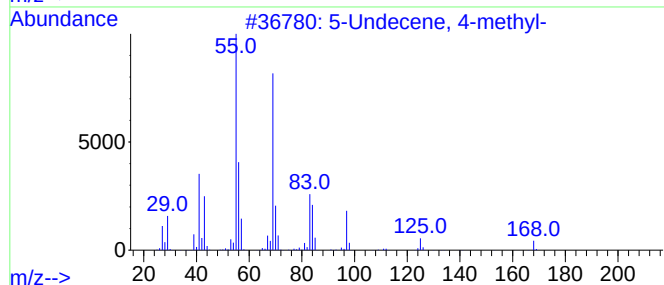
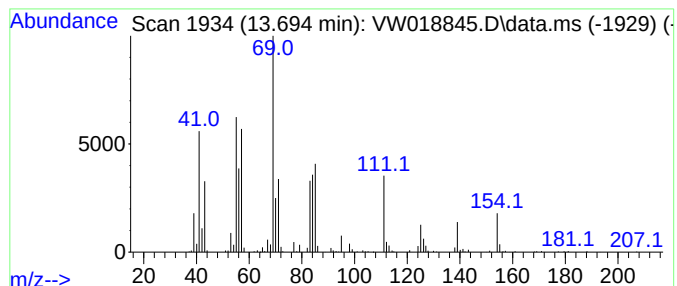
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	10.89 ug/L	261480	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecene, 4-methyl-	168	C12H24	143185-91-5	47
2		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43
3		Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	43
4		4-Octene, 2,3,7-trimethyl-, [S-(...	154	C11H22	052763-13-0	35
5		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

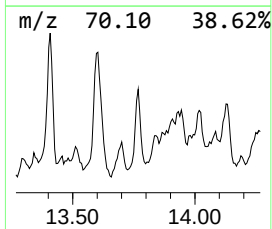
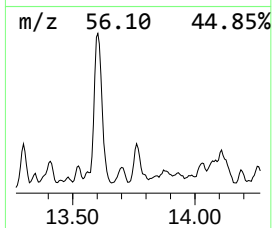
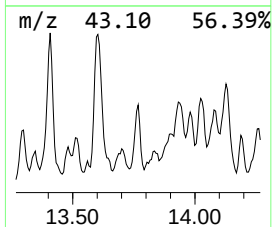
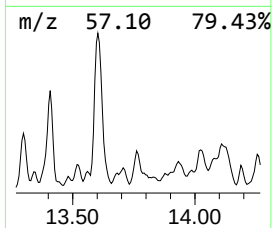
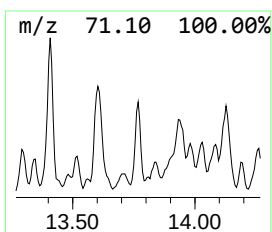
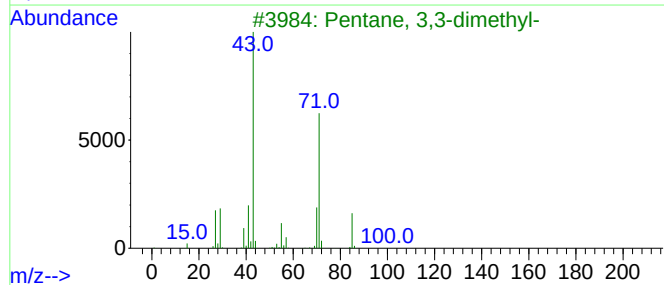
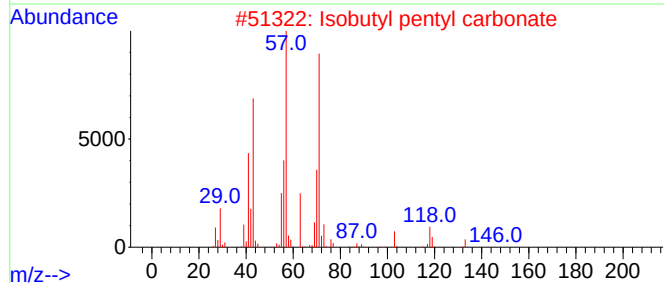
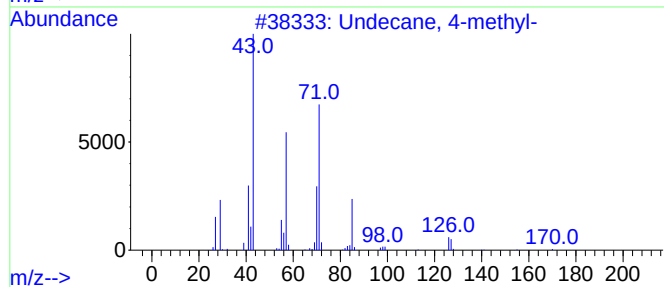
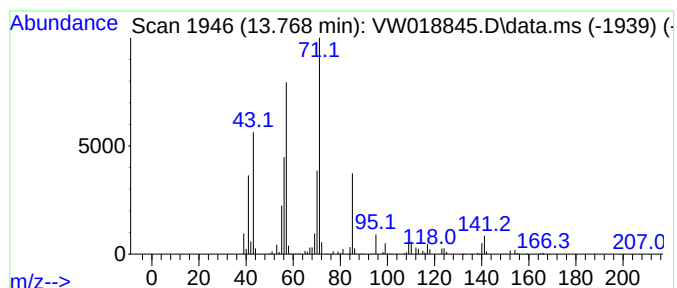
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.768	17.11 ug/L	410736	1,4-Dichlorobenzene-d4		13.560	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 4-methyl-	170	C12H26	002980-69-0	53
2		Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	53
3		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
4		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50
5		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

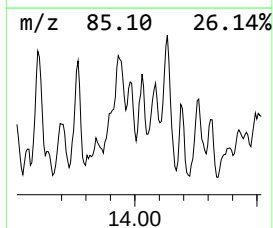
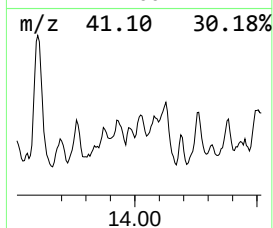
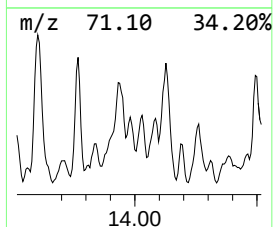
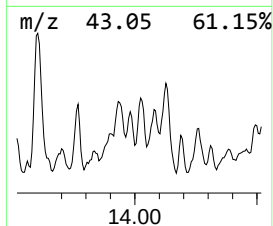
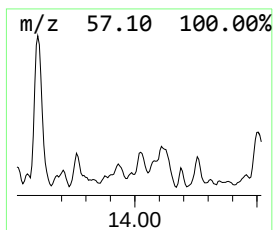
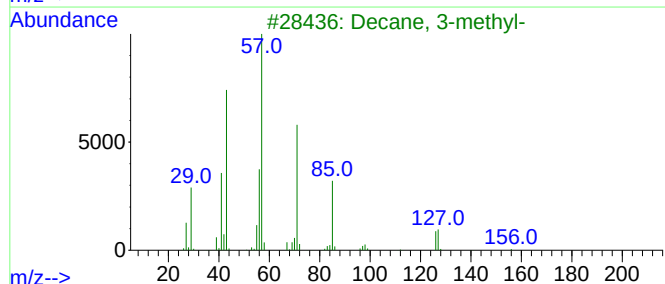
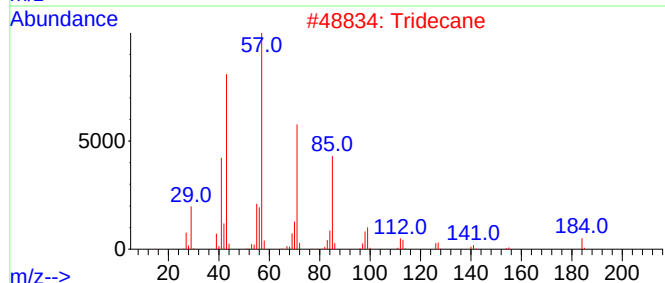
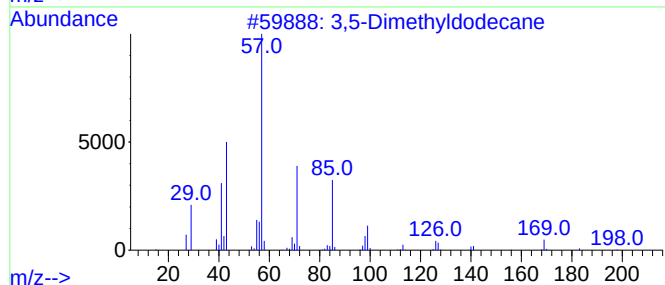
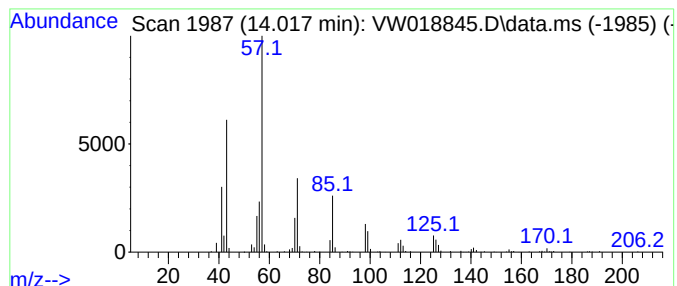
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.018	4.84 ug/L	116121	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
2	Tridecane	184	C13H28	000629-50-5	58
3	Decane, 3-methyl-	156	C11H24	013151-34-3	52
4	Undecane	156	C11H24	001120-21-4	50
5	Octane	114	C8H18	000111-65-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

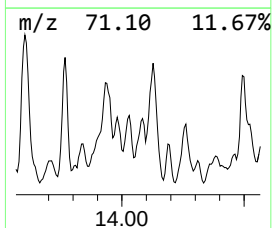
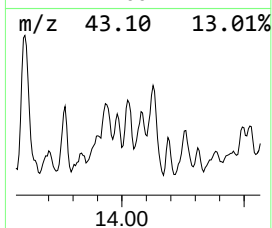
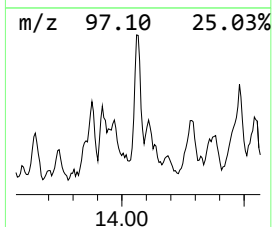
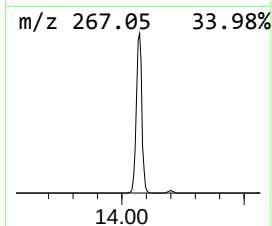
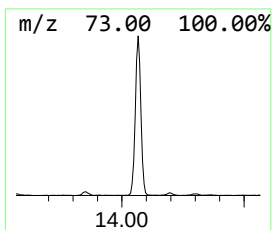
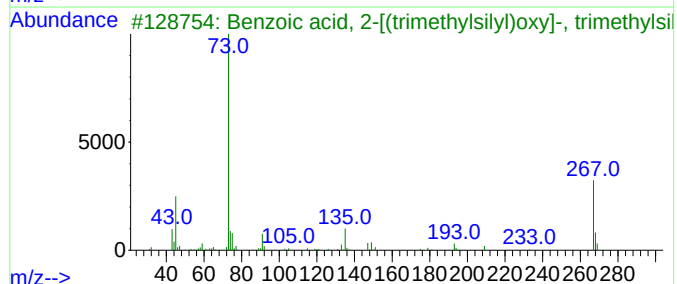
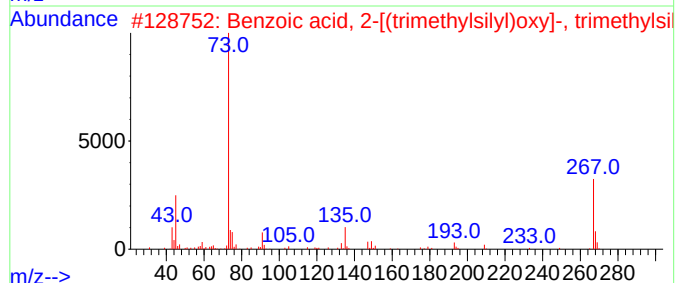
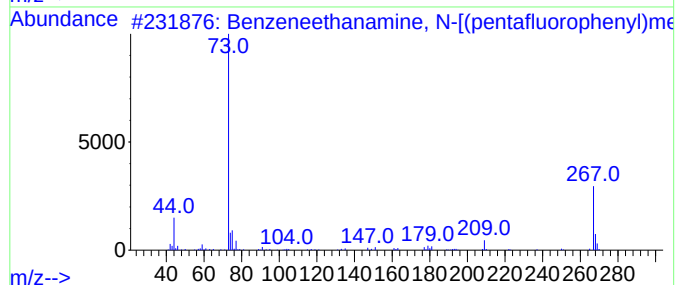
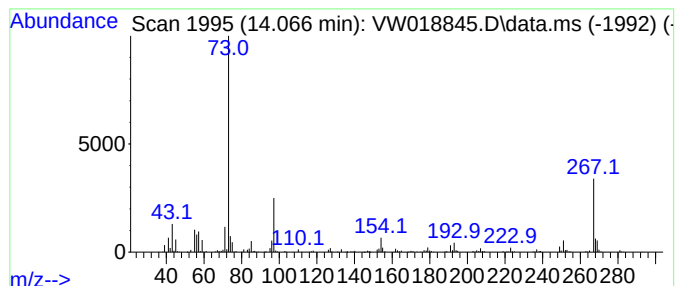
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	14.40 ug/L	345531	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenethanamine, N-[(pentafluoro...]	475	C21H26F5NO2Si2	055429-85-1	32
2			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	25
3			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	25
4			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	25
5			3-Heptanol, 3,6-dimethyl-	144	C9H20O	001573-28-0	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

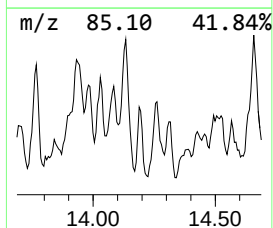
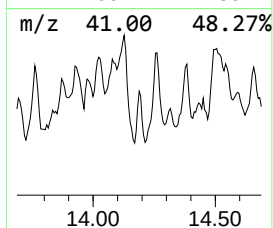
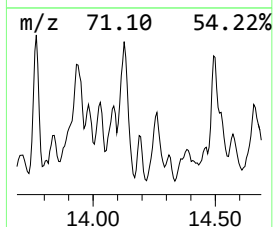
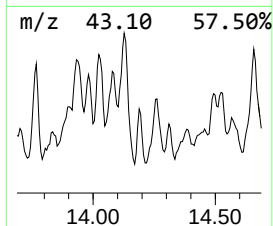
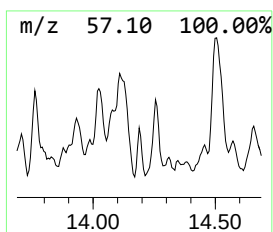
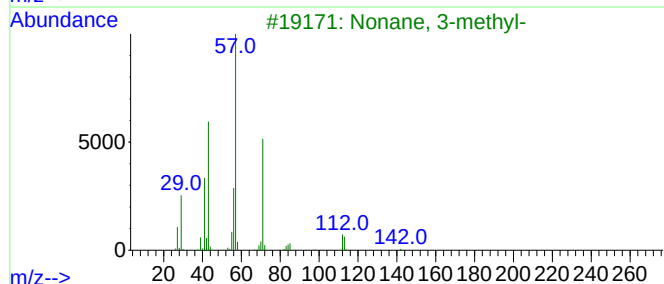
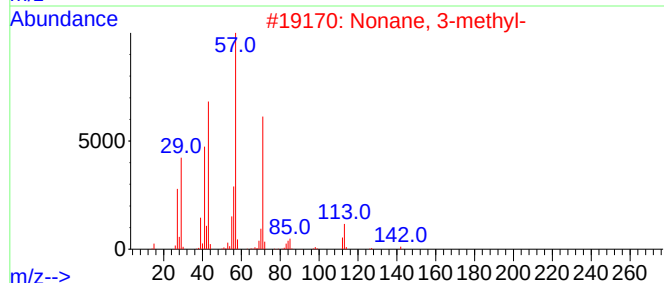
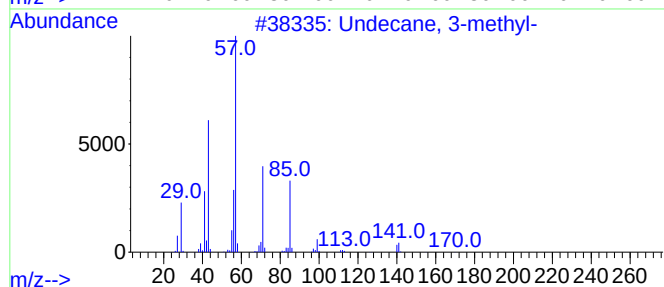
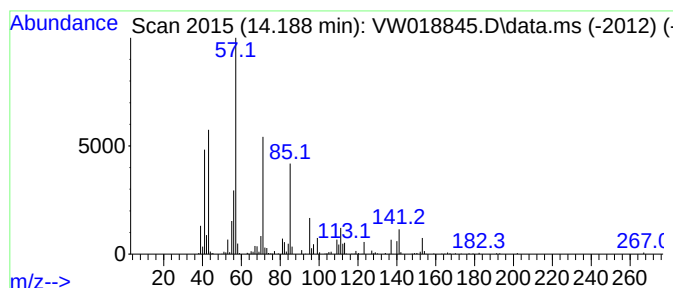
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	7.11 ug/L	170692	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	47
5		Octadecane, 5-methyl-	268	C19H40	025117-35-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

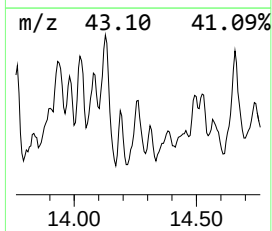
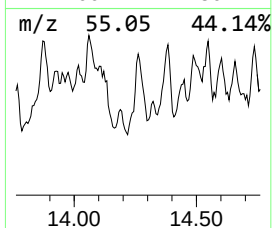
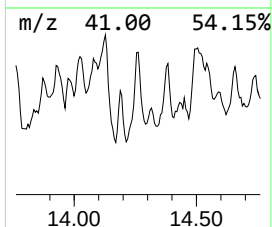
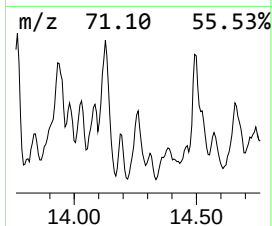
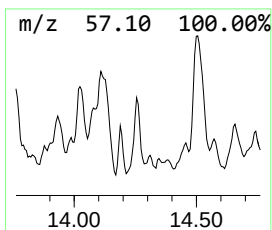
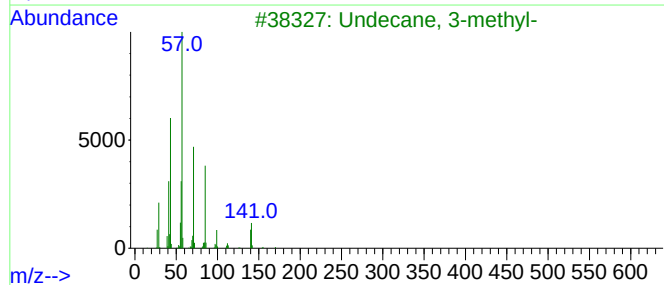
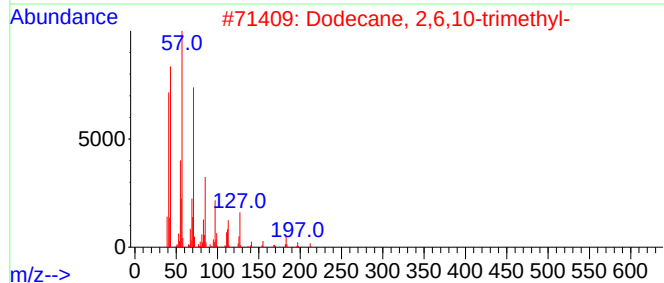
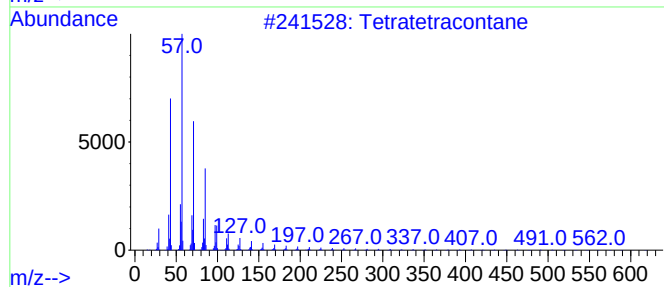
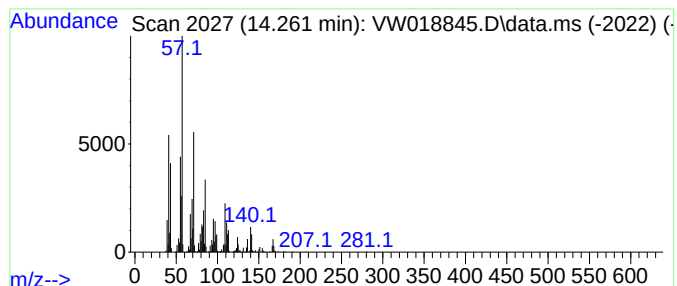
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.261	17.91 ug/L	429946	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	50
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	46
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

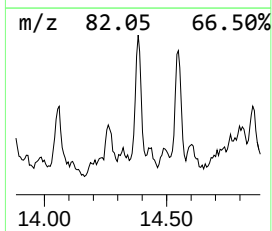
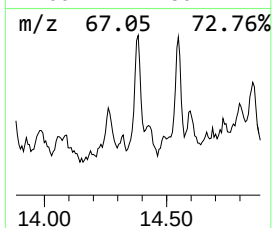
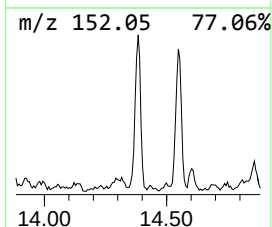
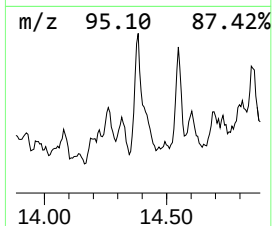
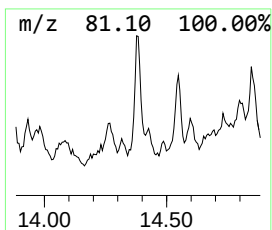
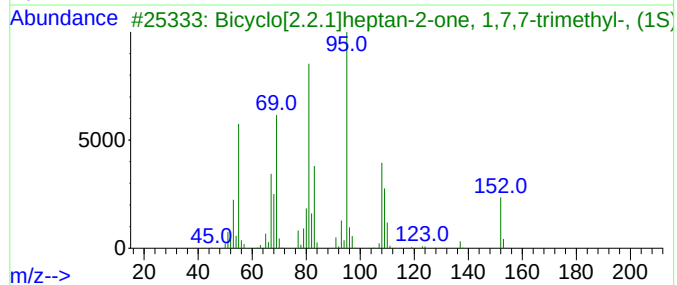
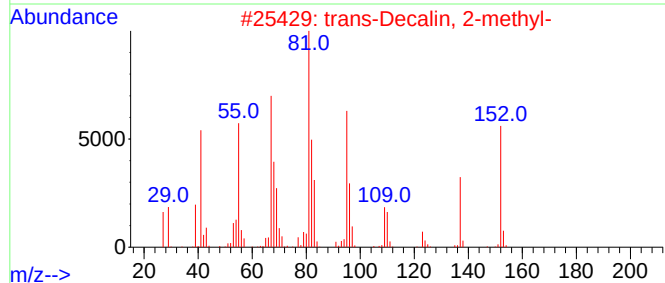
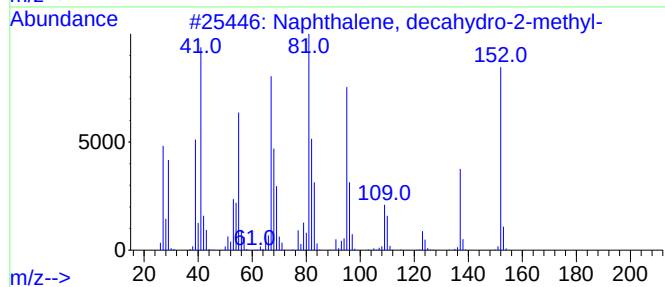
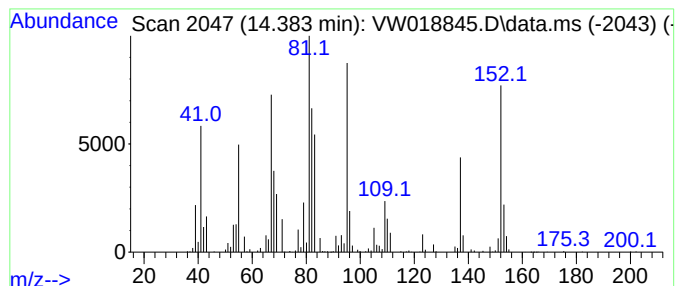
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Quant Title : SFAM01.0

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

Peak Number 23 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	10.34 ug/L	248121	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	68
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	58
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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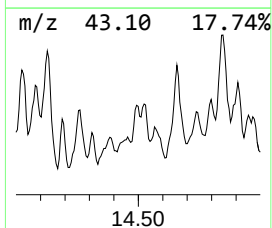
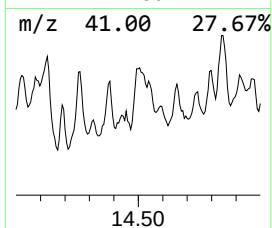
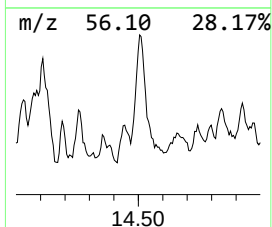
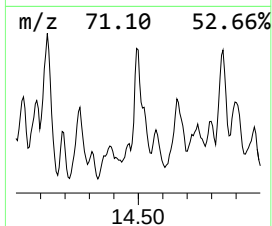
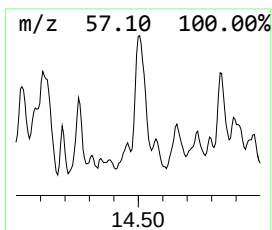
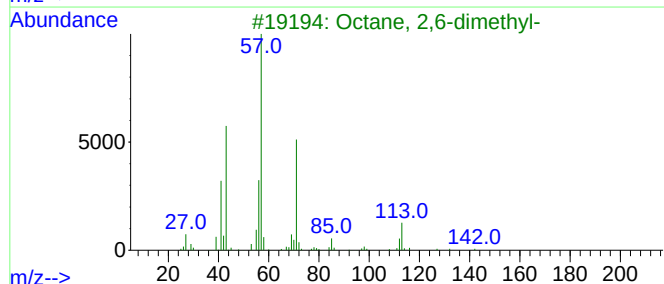
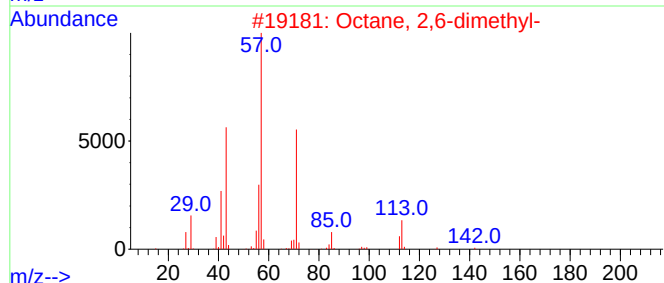
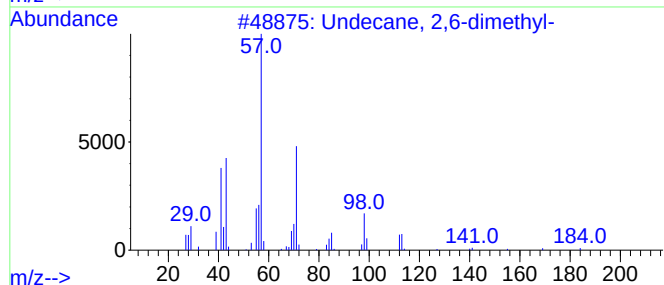
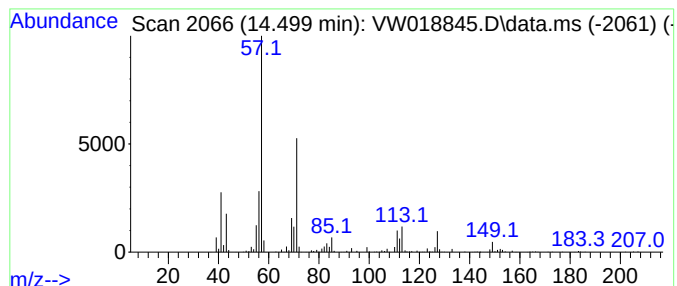
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	27.19 ug/L	652580	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

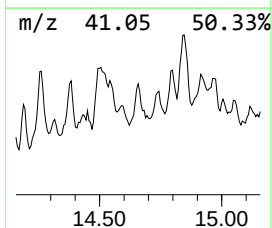
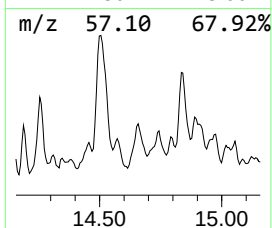
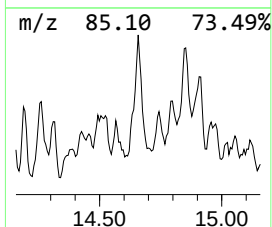
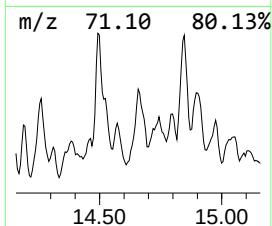
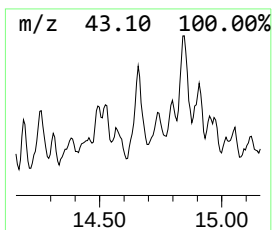
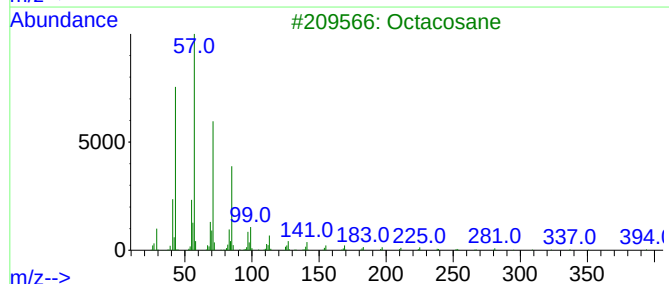
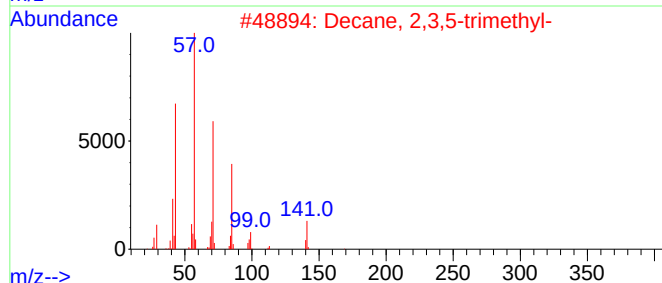
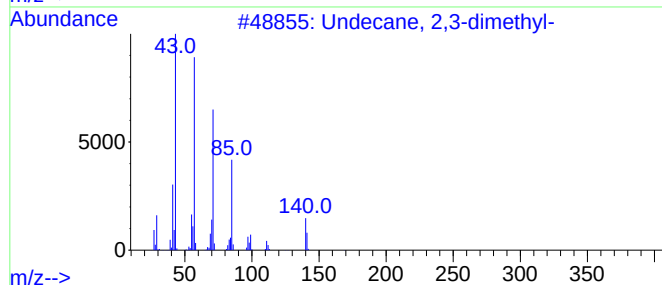
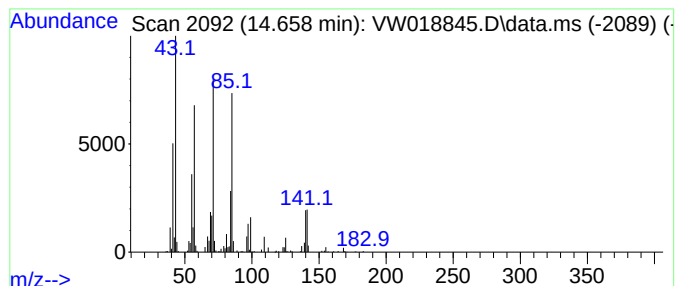
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.658	7.62 ug/L	182927	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
3			Octacosane	394	C28H58	000630-02-4	59
4			Oxalic acid, bis(6-ethyloct-3-yl...)	370	C22H42O4	1000309-34-6	58
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

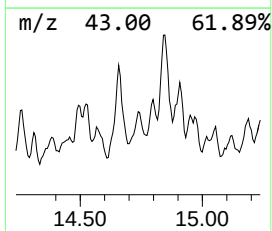
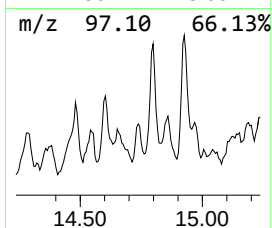
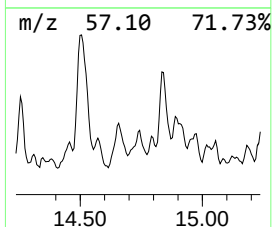
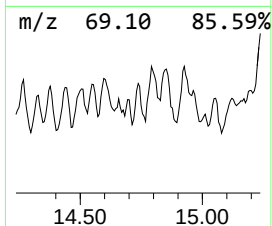
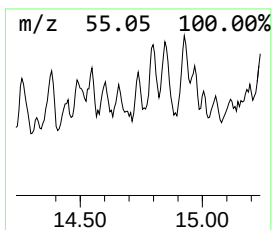
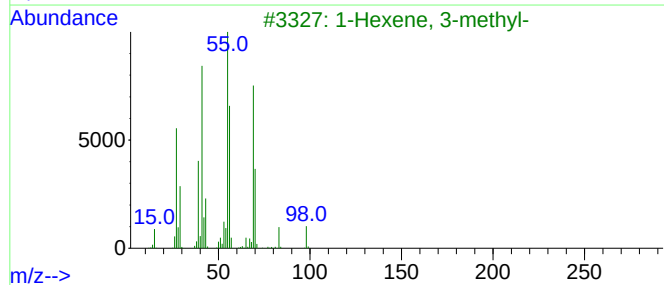
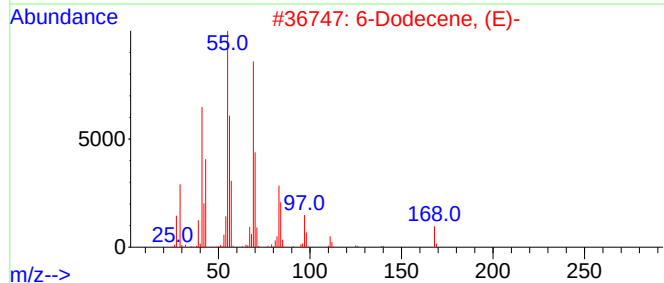
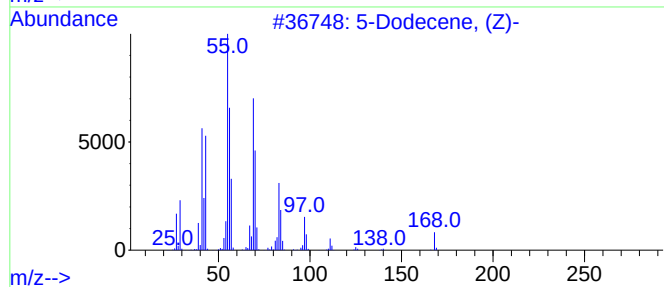
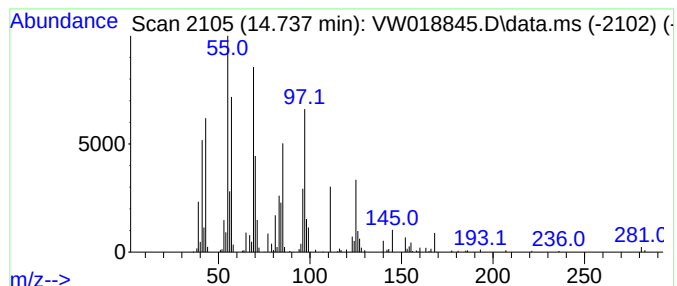
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.737	5.57 ug/L	133625	1,4-Dichlorobenzene-d4		13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Dodecene, (Z)-		168	C12H24	007206-28-2	43
2	6-Dodecene, (E)-		168	C12H24	007206-17-9	43
3	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	38
4	3-Heptene, 2,6-dimethyl-		126	C9H18	002738-18-3	38
5	1-Hexene, 3-methyl-		98	C7H14	003404-61-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

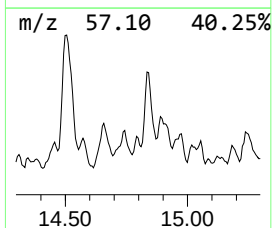
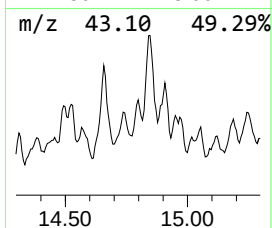
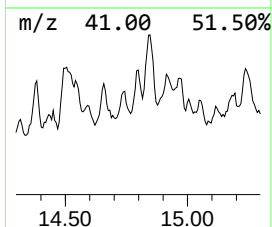
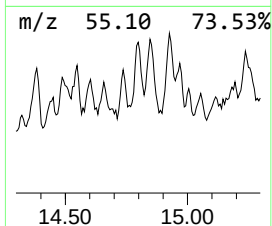
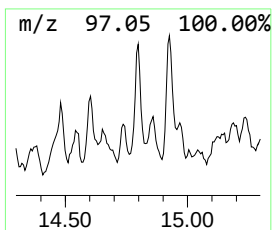
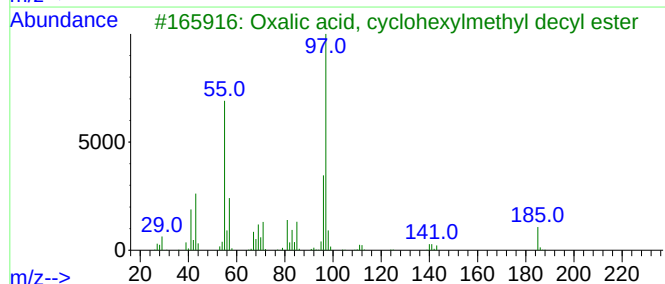
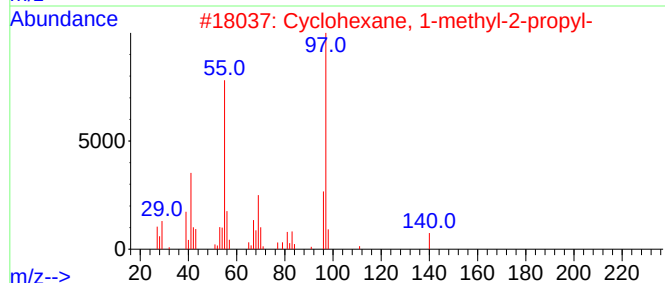
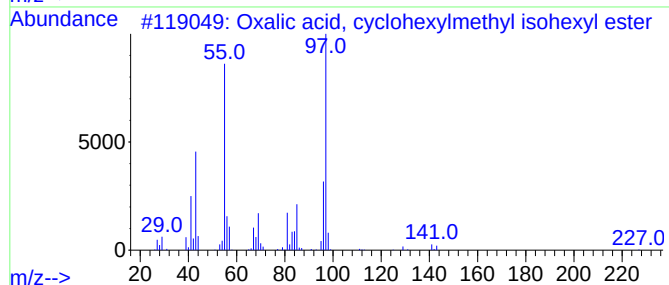
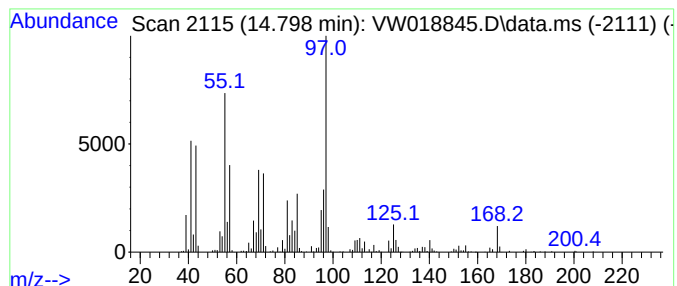
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Quant Title : SFAM01.0

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

Peak Number 27 Oxalic acid, cyclohexylmeth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	10.53 ug/L	252759	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	64
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	60
3			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	53
4			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	53
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

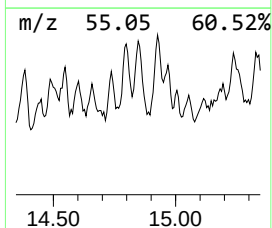
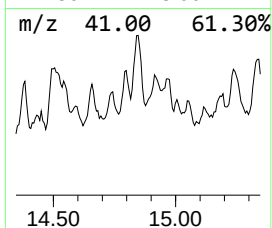
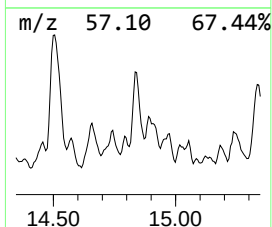
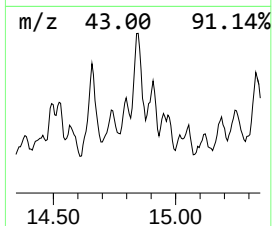
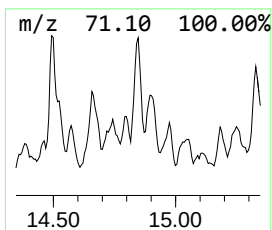
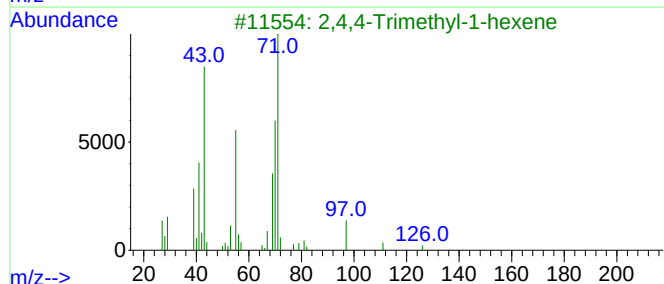
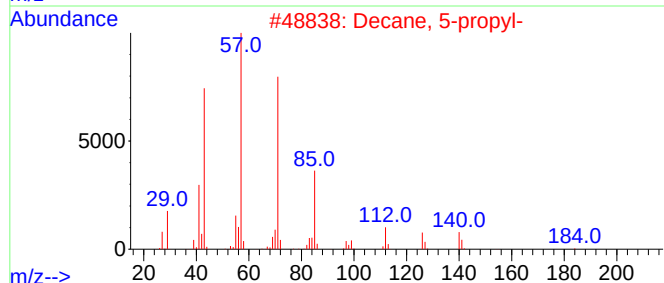
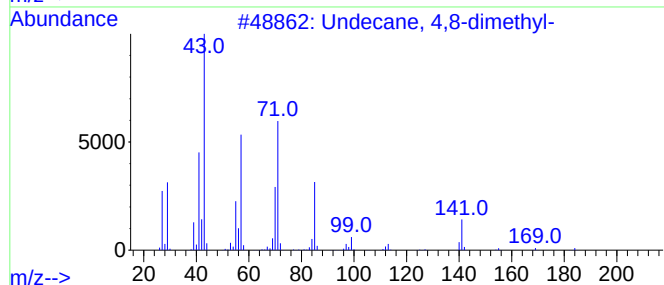
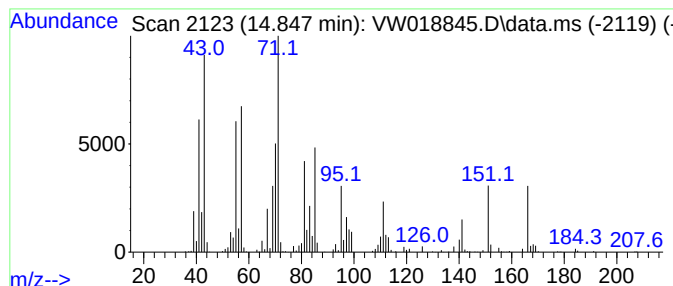
Instrument :
MSVOA_W
ClientSampleId :
BG576RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.847	20.21 ug/L	485022	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
2	Decane, 5-propyl-	184	C13H28	017312-62-8	45
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	41
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	41
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

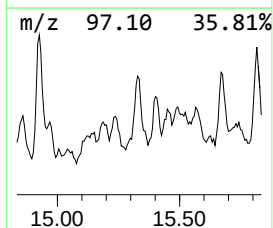
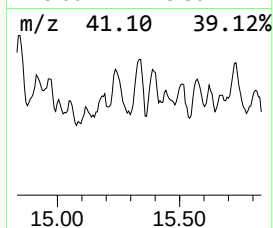
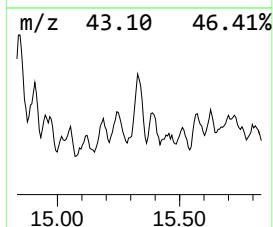
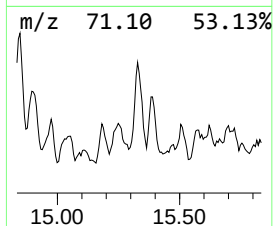
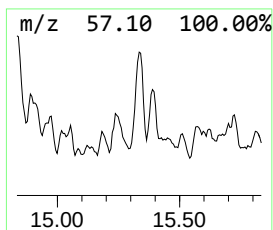
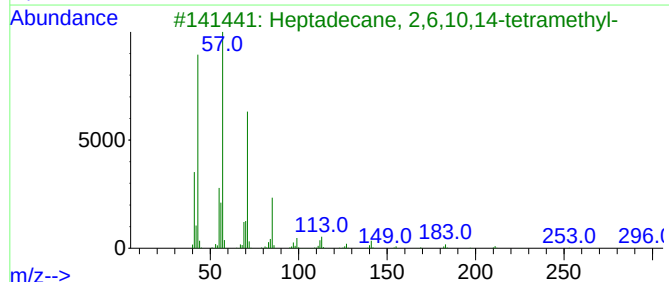
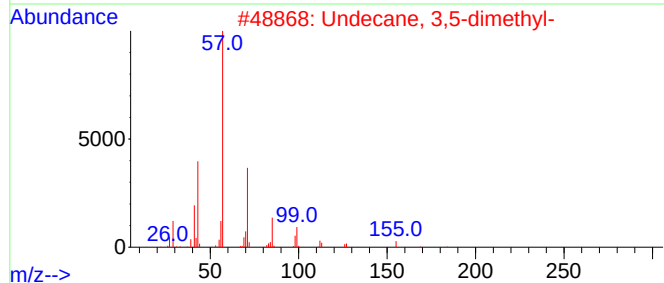
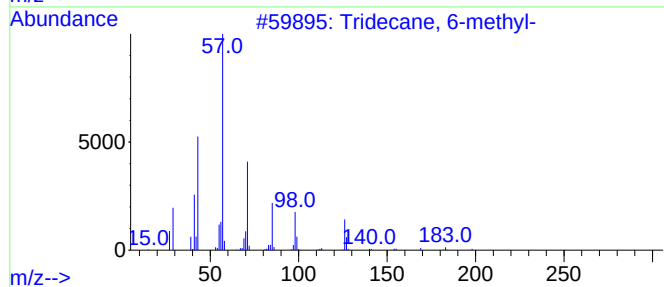
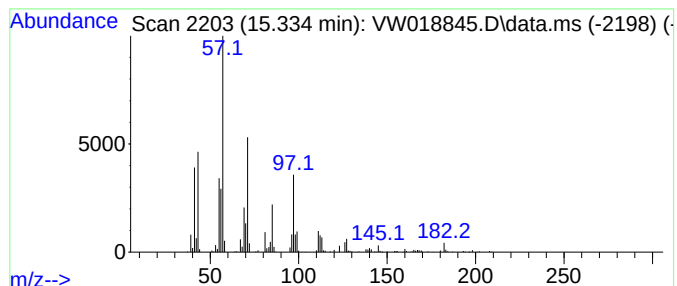
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.334	16.15 ug/L	387560	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	70
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	49
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	47
4		Hexadecane	226	C16H34	000544-76-3	47
5		Decane, 5-propyl-	184	C13H28	017312-62-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG576RE

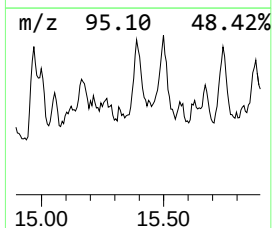
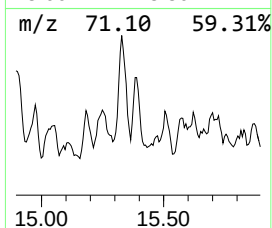
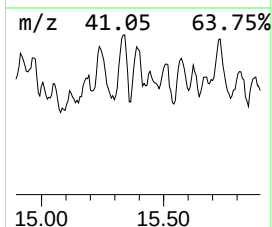
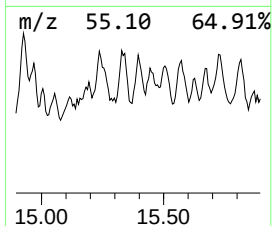
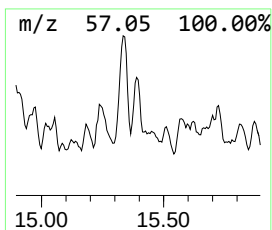
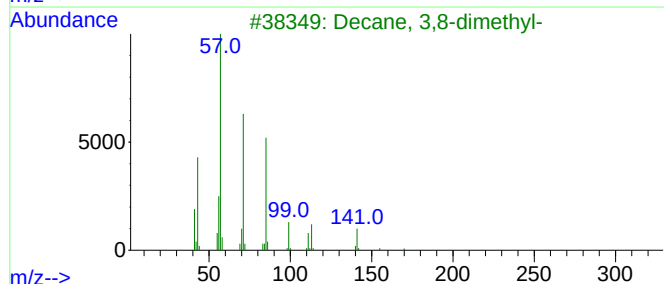
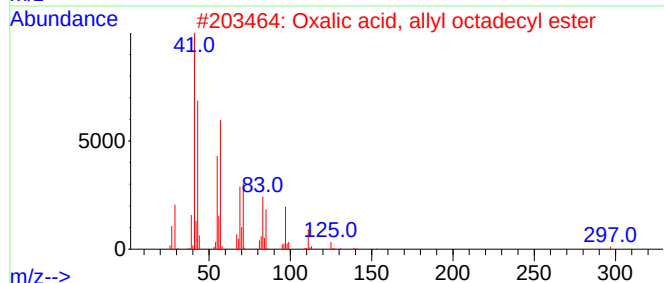
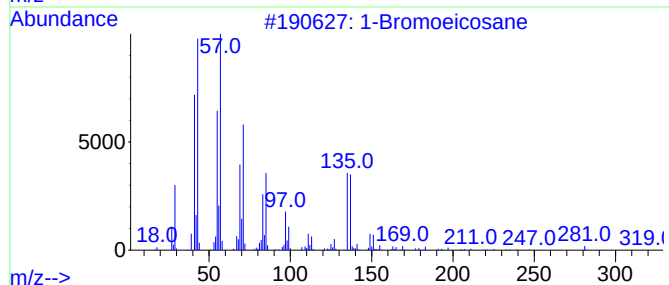
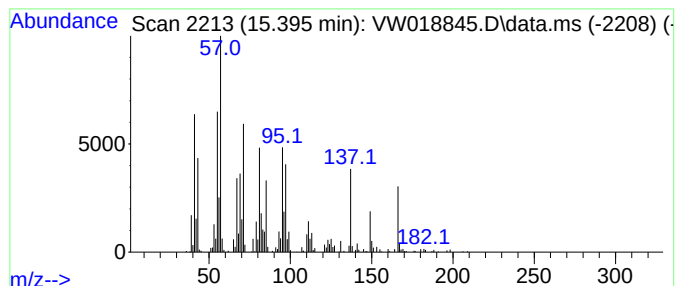
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Quant Title : SFAM01.0

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

Peak Number 30 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	15.44 ug/L	370695	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Bromoeicosane	360	C20H41Br	004276-49-7	49
2		Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	43
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	35
4		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	27
5		Tetradecane	198	C14H30	000629-59-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018845.D
Acq On : 29 Apr 2021 15:06
Operator : SY/VA
Sample : M2177-10RE
Misc : 3.58G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

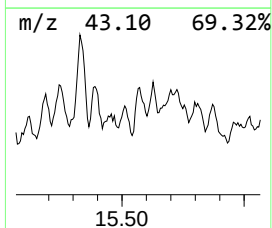
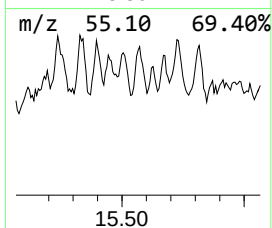
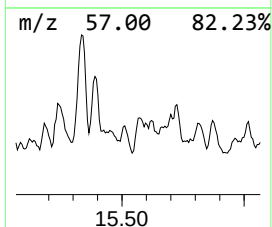
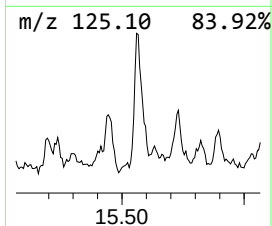
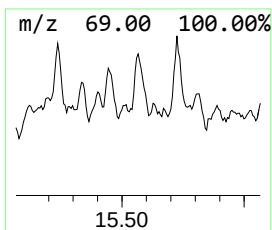
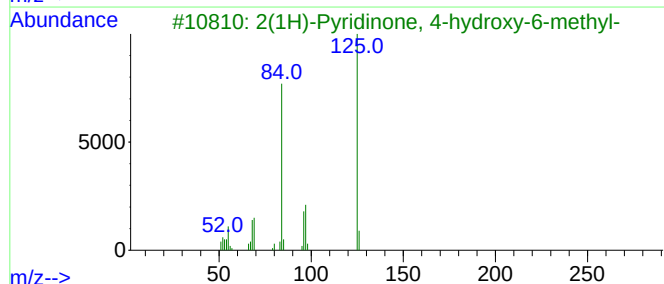
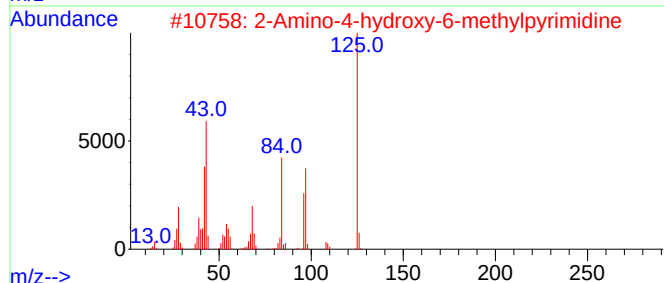
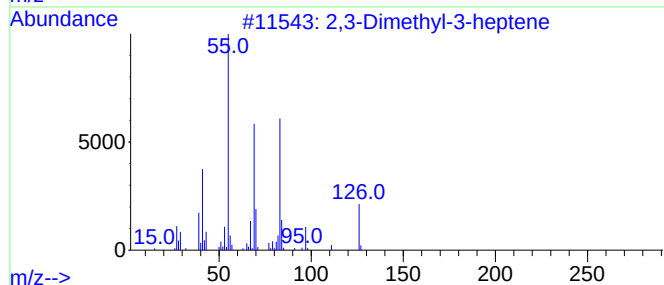
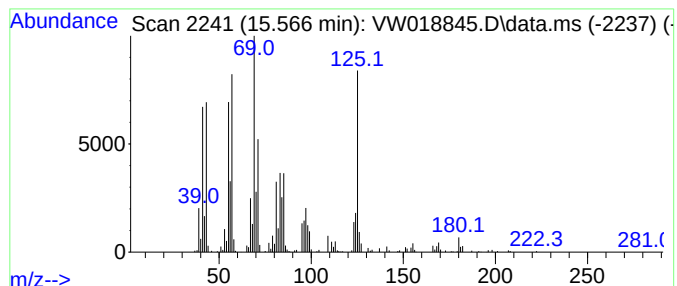
Instrument :
MSVOA_W
ClientSampleId :
BG576RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.566	13.17 ug/L	316061	1,4-Dichlorobenzene-d4			13.560
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene		126	C9H18	1000113-49-3	38
2	2-Amino-4-hydroxy-6-methylpyrimi...		125	C5H7N3O	003977-29-5	30
3	2(1H)-Pyridinone, 4-hydroxy-6-me...		125	C6H7NO2	003749-51-7	30
4	2-Pentene, 4-methyl-, (Z)-		84	C6H12	000691-38-3	25
5	3-Penten-2-one, (E)-		84	C5H8O	003102-33-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018845.D
 Acq On : 29 Apr 2021 15:06
 Operator : SY/VA
 Sample : M2177-10RE
 Misc : 3.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG576RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.208	3.9	ug/L	210938	1	8.842	1345730	25.0
(DEL) Alkane: S...	11.878	1.5	ug/L	71598	2	11.634	1172590	25.0
(DEL) Alkane: S...	12.243	1.5	ug/L	71344	2	11.634	1172590	25.0
(DEL) Alkane: S...	12.359	5.9	ug/L	276508	2	11.634	1172590	25.0
(DEL) Alkane: C...	12.451	3.0	ug/L	138843	2	11.634	1172590	25.0
(DEL) Alkane: S...	12.591	15.5	ug/L	728545	2	11.634	1172590	25.0
(DEL) Alkane: S...	12.756	7.0	ug/L	168991	3	13.560	600056	25.0
(DEL) Alkane: S...	12.859	11.7	ug/L	280799	3	13.560	600056	25.0
(DEL) Alkane: S...	13.079	3.9	ug/L	92991	3	13.560	600056	25.0
(DEL) Alkane: S...	13.195	30.7	ug/L	736417	3	13.560	600056	25.0
Sulfurous acid,...	13.341	3.6	ug/L	86846	3	13.560	600056	25.0
(DEL) Alkane: S...	13.408	46.6	ug/L	1119790	3	13.560	600056	25.0
(DEL) Alkane: S...	13.481	6.5	ug/L	156888	3	13.560	600056	25.0
(DEL) Alkane: S...	13.694	10.9	ug/L	261480	3	13.560	600056	25.0
(DEL) Alkane: S...	13.768	17.1	ug/L	410736	3	13.560	600056	25.0
(DEL) Alkane: S...	14.018	4.8	ug/L	116121	3	13.560	600056	25.0
unknown-01	14.066	14.4	ug/L	345531	3	13.560	600056	25.0
(DEL) Alkane: S...	14.188	7.1	ug/L	170692	3	13.560	600056	25.0
(DEL) Alkane: S...	14.261	17.9	ug/L	429946	3	13.560	600056	25.0
Naphthalene, de...	14.383	10.3	ug/L	248121	3	13.560	600056	25.0
(DEL) Alkane: S...	14.499	27.2	ug/L	652580	3	13.560	600056	25.0
(DEL) Alkane: S...	14.658	7.6	ug/L	182927	3	13.560	600056	25.0
(DEL) Alkane: S...	14.737	5.6	ug/L	133625	3	13.560	600056	25.0
Oxalic acid, cy...	14.798	10.5	ug/L	252759	3	13.560	600056	25.0
(DEL) Alkane: S...	14.847	20.2	ug/L	485022	3	13.560	600056	25.0
(DEL) Alkane: S...	15.334	16.1	ug/L	387560	3	13.560	600056	25.0
unknown-02	15.395	15.4	ug/L	370695	3	13.560	600056	25.0
(DEL) Alkane: S...	15.566	13.2	ug/L	316061	3	13.560	600056	25.0