

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018843.D
 Acq On : 29 Apr 2021 14:18
 Operator : SY/VA
 Sample : M2177-13RE
 Misc : 3.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG577RE

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: VW018843.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	36	41	47	rBV2	10294	23680	0.64%	0.118%
2	2.355	66	74	91	rVB	179359	369319	10.02%	1.836%
3	2.501	91	98	108	rBV	28742	76875	2.09%	0.382%
4	2.891	154	162	177	rVB	114227	286553	7.78%	1.425%
5	3.032	183	185	188	rVB3	2118	1585	0.04%	0.008%
6	3.379	235	242	243	rBV2	2102	2690	0.07%	0.013%
7	4.019	335	347	361	rBV	250445	770385	20.90%	3.831%
8	4.202	361	377	401	rBV	1263998	3685465	100.00%	18.326%
9	4.915	481	494	509	rBV	33284	117370	3.18%	0.584%
10	5.178	531	537	538	rBV4	987	1686	0.05%	0.008%
11	5.428	572	578	580	rBV4	760	1477	0.04%	0.007%
12	5.787	626	637	645	rBV4	5993	17923	0.49%	0.089%
13	5.940	653	662	672	rVB2	11823	35797	0.97%	0.178%
14	6.909	810	821	828	rBV6	2034	7529	0.20%	0.037%
15	7.000	831	836	840	rVB6	1154	2251	0.06%	0.011%
16	7.080	840	849	855	rBV	49989	148272	4.02%	0.737%
17	7.141	855	859	877	rVB	41272	117351	3.18%	0.584%
18	7.647	929	942	954	rBV	363844	895824	24.31%	4.454%
19	7.939	986	990	991	rBV2	1606	1817	0.05%	0.009%
20	8.025	1000	1004	1005	rBV2	1292	1454	0.04%	0.007%
21	8.159	1021	1026	1027	rBV4	974	1329	0.04%	0.007%
22	8.275	1033	1045	1062	rBV2	738001	2232544	60.58%	11.101%
23	8.476	1072	1078	1086	rVV2	6280	15135	0.41%	0.075%
24	8.555	1086	1091	1099	rVB4	6589	14596	0.40%	0.073%
25	8.720	1109	1118	1124	rVB5	4923	12236	0.33%	0.061%
26	8.842	1129	1138	1151	rBV	671622	1323355	35.91%	6.580%
27	9.067	1167	1175	1184	rVV7	6972	21593	0.59%	0.107%
28	9.274	1200	1209	1224	rBV	485729	988440	26.82%	4.915%
29	9.378	1224	1226	1231	rVB5	2140	3308	0.09%	0.016%
30	9.470	1236	1241	1246	rVB5	768	1579	0.04%	0.008%
31	9.610	1263	1264	1271	rVB3	1138	1370	0.04%	0.007%
32	9.756	1282	1288	1296	rBV4	8115	17842	0.48%	0.089%
33	9.890	1300	1310	1319	rVB2	11823	24866	0.67%	0.124%
34	10.037	1323	1334	1346	rVB	250635	449625	12.20%	2.236%
35	10.122	1346	1348	1356	rVB6	1280	2211	0.06%	0.011%
36	10.213	1356	1363	1365	rBV3	5909	10818	0.29%	0.054%

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 Title : SFAM01.0

37	10.250	1365	1369	1373	rVB2	7390	12015	0.33%	0.060%
38	10.323	1373	1381	1388	rBV	925177	1596682	43.32%	7.940%
39	10.384	1388	1391	1399	rVB	14714	25348	0.69%	0.126%
40	10.506	1409	1411	1416	rVB5	2104	2917	0.08%	0.015%
41	10.579	1416	1423	1433	rBV	154758	267642	7.26%	1.331%
42	10.701	1435	1443	1450	rBV	51329	93650	2.54%	0.466%
43	10.780	1450	1456	1458	rBV6	3449	7345	0.20%	0.037%
44	10.847	1464	1467	1473	rVB7	3981	8203	0.22%	0.041%
45	10.927	1473	1480	1494	rBV	203655	358054	9.72%	1.780%
46	11.067	1494	1503	1508	rVV2	20141	38820	1.05%	0.193%
47	11.109	1508	1510	1513	rVV4	2492	2727	0.07%	0.014%
48	11.177	1517	1521	1526	rBV6	3493	5153	0.14%	0.026%
49	11.231	1526	1530	1535	rVB5	4737	7565	0.21%	0.038%
50	11.280	1535	1538	1543	rBV5	2252	3234	0.09%	0.016%
51	11.329	1543	1546	1551	rVB6	2623	4041	0.11%	0.020%
52	11.439	1555	1564	1571	rVB	46235	84207	2.28%	0.419%
53	11.542	1571	1581	1587	rBV10	1634	6341	0.17%	0.032%
54	11.628	1587	1595	1603	rBV	719652	1255993	34.08%	6.245%
55	11.689	1603	1605	1609	rVV2	4911	7294	0.20%	0.036%
56	11.725	1609	1611	1615	rVB2	2243	2568	0.07%	0.013%
57	11.835	1621	1629	1632	rBV4	7491	18829	0.51%	0.094%
58	11.878	1632	1636	1640	rVB3	8651	13581	0.37%	0.068%
59	11.975	1646	1652	1653	rBV4	3995	5593	0.15%	0.028%
60	12.067	1664	1667	1671	rVB4	4577	6126	0.17%	0.030%
61	12.140	1671	1679	1680	rBV5	11242	25237	0.68%	0.125%
62	12.164	1680	1683	1690	rVB3	13642	25641	0.70%	0.128%
63	12.250	1690	1697	1702	rVB5	16247	36538	0.99%	0.182%
64	12.335	1702	1711	1712	rBV5	18141	34358	0.93%	0.171%
65	12.359	1712	1715	1722	rVB2	24628	42253	1.15%	0.210%
66	12.457	1722	1731	1736	rBV7	12392	38647	1.05%	0.192%
67	12.499	1736	1738	1745	rVB7	8528	14954	0.41%	0.074%
68	12.603	1747	1755	1762	rVB3	113391	243639	6.61%	1.211%
69	12.688	1762	1769	1775	rBV	313697	546348	14.82%	2.717%
70	12.859	1790	1797	1801	rBV7	24658	54531	1.48%	0.271%
71	12.938	1803	1810	1812	rBV4	41313	91193	2.47%	0.453%
72	13.042	1824	1827	1828	rBV3	4817	5677	0.15%	0.028%
73	13.079	1829	1833	1836	rBV3	18186	29393	0.80%	0.146%
74	13.188	1844	1851	1859	rVB	63496	121756	3.30%	0.605%
75	13.255	1860	1862	1864	rBV2	6298	5852	0.16%	0.029%
76	13.292	1864	1868	1873	rBV2	66901	100859	2.74%	0.502%

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 Title : SFAM01.0

77	13.341	1873	1876	1879	rVB2	15027	17075	0.46%	0.085%
78	13.408	1879	1887	1891	rBV	102438	200015	5.43%	0.995%
79	13.481	1896	1899	1902	rVV4	20216	31573	0.86%	0.157%
80	13.554	1906	1911	1916	rVV	458247	759965	20.62%	3.779%
81	13.603	1916	1919	1928	rVB	113975	229442	6.23%	1.141%
82	13.700	1929	1935	1939	rBV7	23512	52904	1.44%	0.263%
83	13.761	1939	1945	1949	rBV4	41498	76690	2.08%	0.381%
84	13.853	1954	1960	1969	rBV	427455	786519	21.34%	3.911%
85	14.018	1983	1987	1991	rBV3	64526	97970	2.66%	0.487%
86	14.066	1991	1995	2001	rVB2	70266	114090	3.10%	0.567%
87	14.194	2012	2016	2019	rBV3	27503	42035	1.14%	0.209%
88	14.237	2019	2023	2025	rBV2	45184	69285	1.88%	0.345%
89	14.383	2042	2047	2050	rBV3	49867	76705	2.08%	0.381%
90	14.499	2061	2066	2070	rBV5	36317	87940	2.39%	0.437%
91	14.658	2090	2092	2095	rVB2	15754	15829	0.43%	0.079%
92	14.731	2101	2104	2109	rVB6	17304	27179	0.74%	0.135%
93	14.798	2111	2115	2118	rVV3	28271	51175	1.39%	0.254%
94	14.847	2119	2123	2129	rVB4	41517	81115	2.20%	0.403%
95	15.054	2154	2157	2161	rVB6	19126	28265	0.77%	0.141%
96	15.121	2165	2168	2171	rBV4	12967	20706	0.56%	0.103%
97	15.328	2197	2202	2208	rBV2	62099	113701	3.09%	0.565%
98	15.438	2217	2220	2225	rVB2	27958	38834	1.05%	0.193%
99	15.627	2248	2251	2253	rBV3	15518	20947	0.57%	0.104%
100	16.279	2354	2358	2366	rVB2	62450	133628	3.63%	0.664%

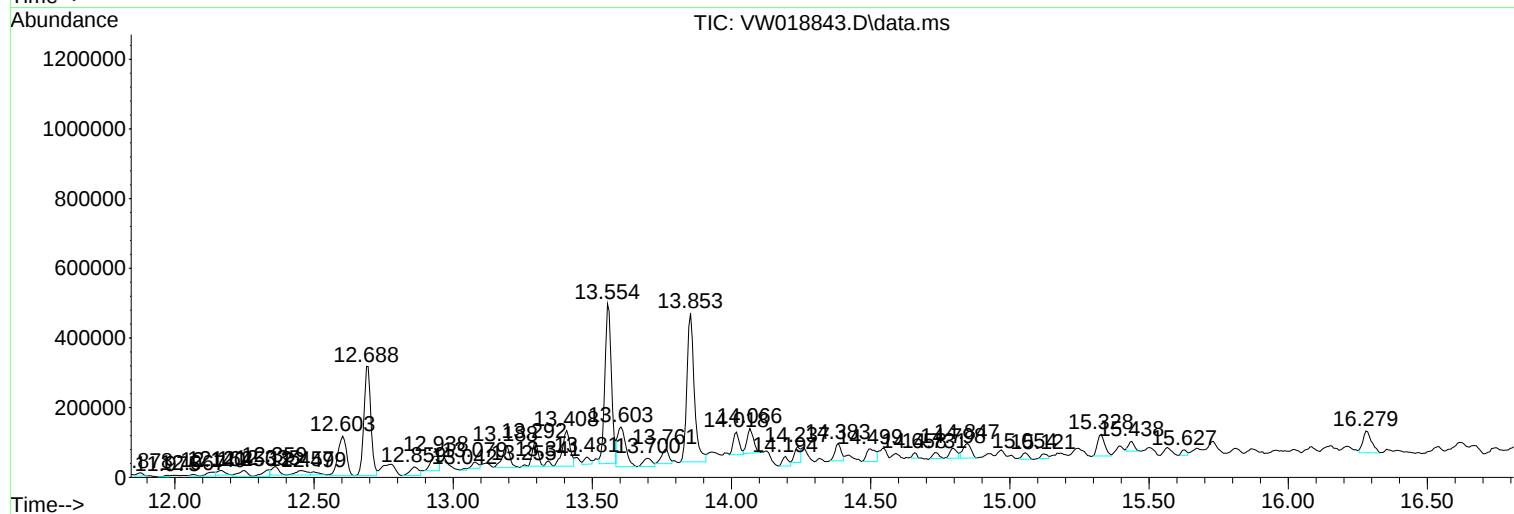
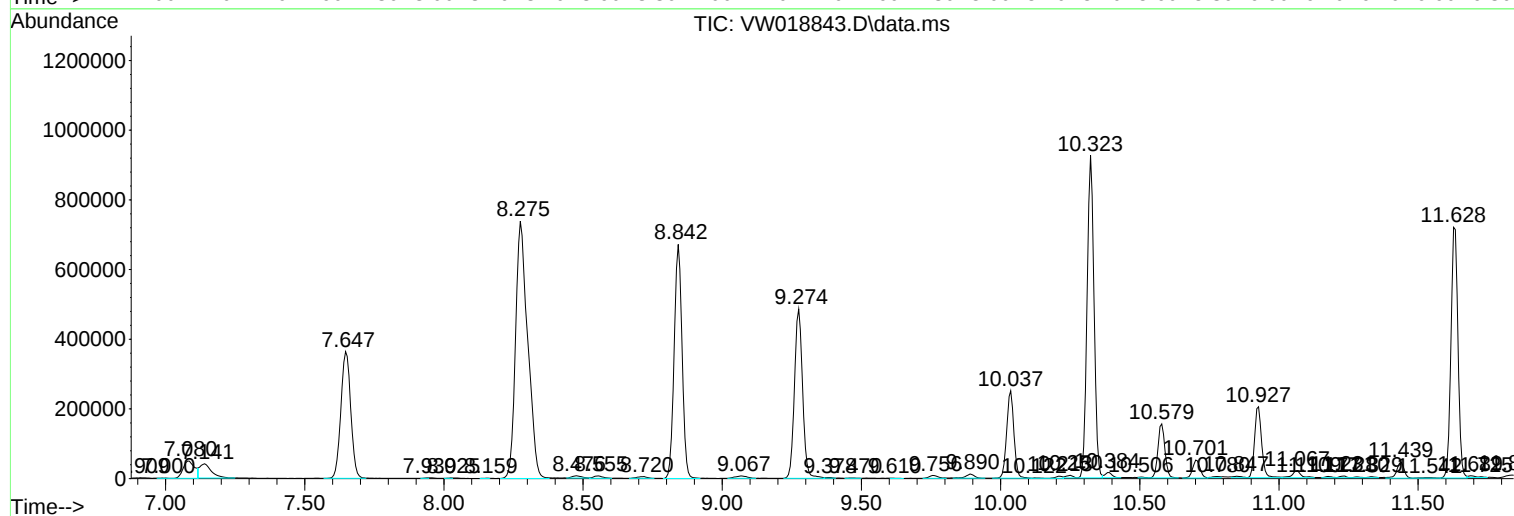
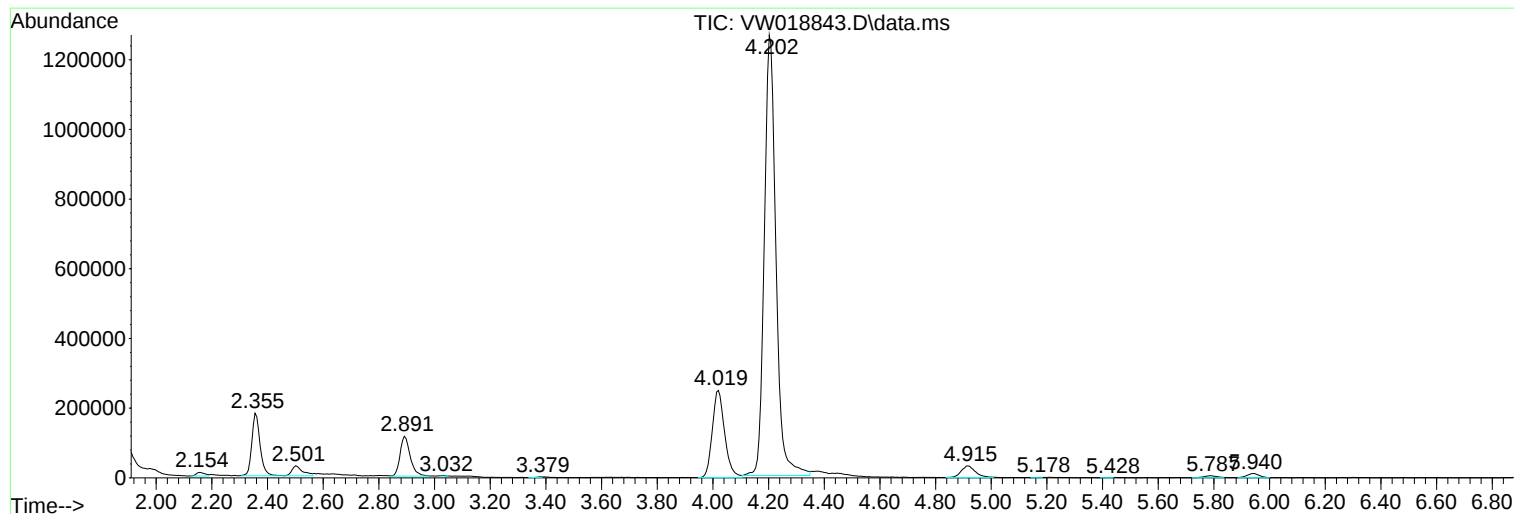
Sum of corrected areas: 20110541

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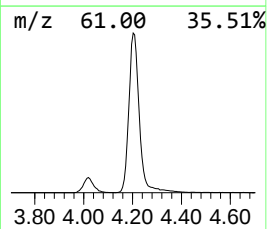
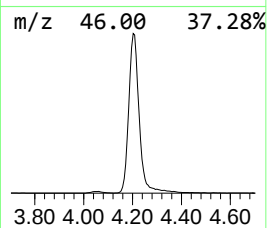
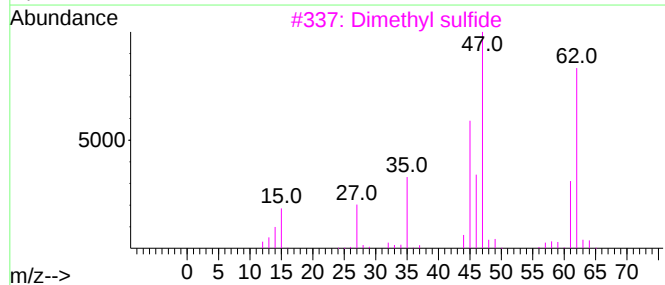
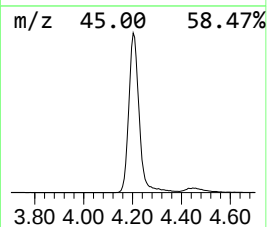
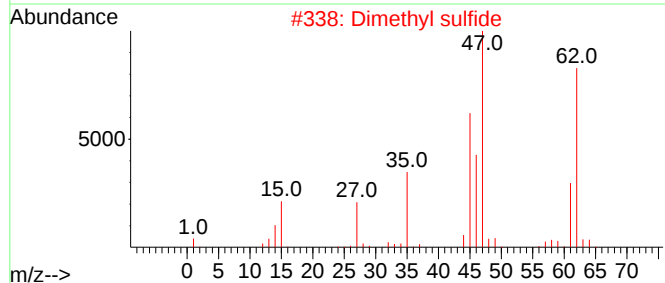
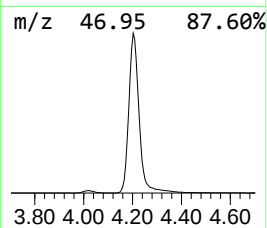
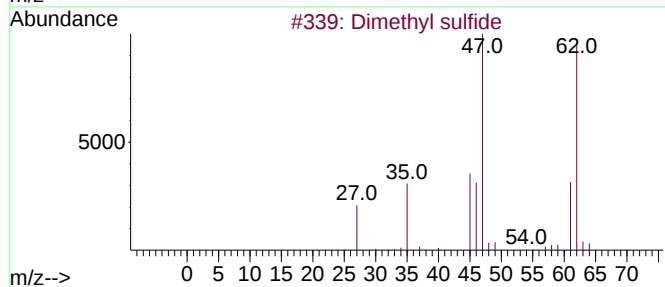
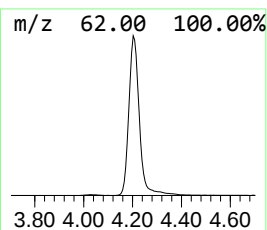
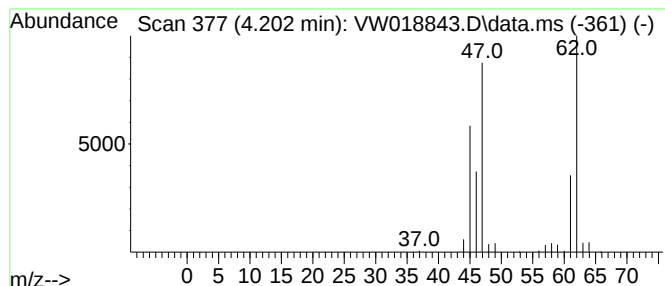
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.202	69.62 ug/L	3685470	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	94
3			Dimethyl sulfide	62	C2H6S	000075-18-3	94
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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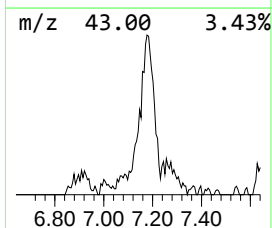
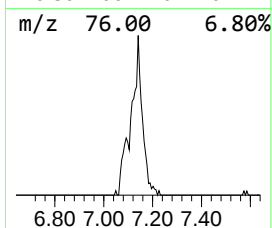
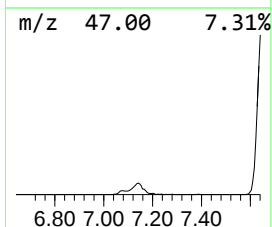
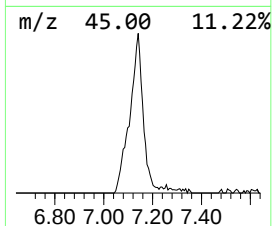
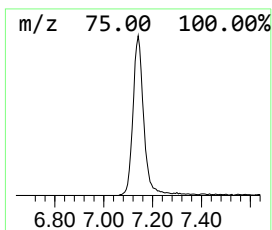
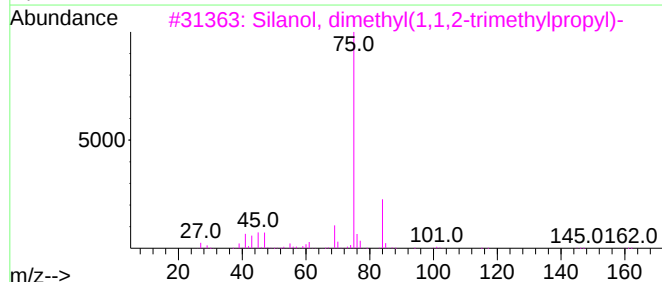
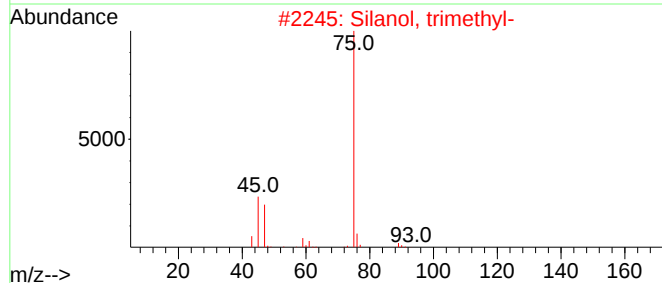
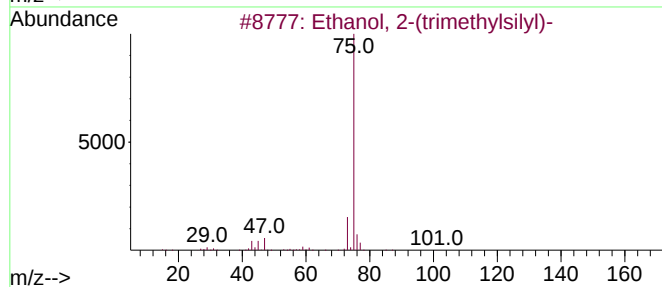
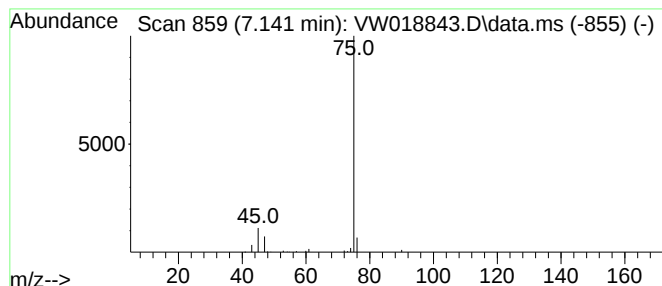
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Ethanol, 2-(trimethylsilyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.141	2.22 ug/L	117351	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	64
2			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	49
3			Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	43
4			tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	43
5			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	43



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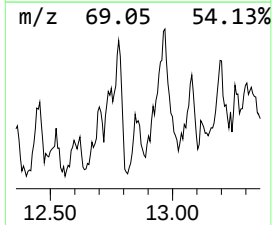
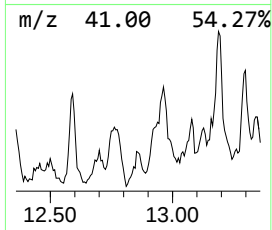
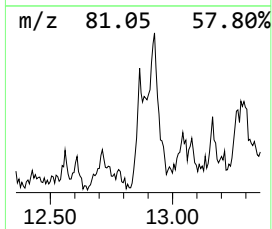
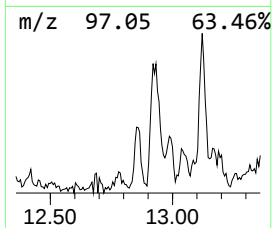
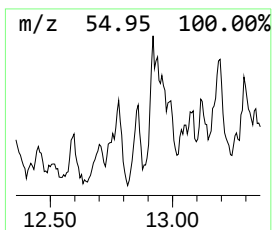
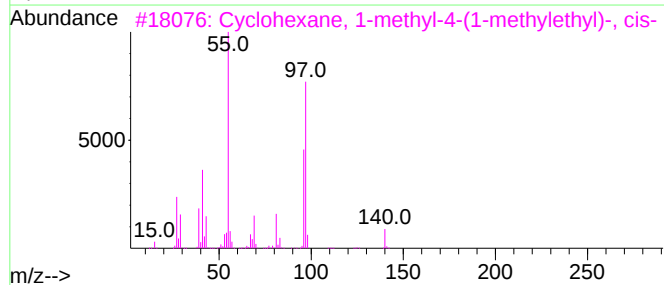
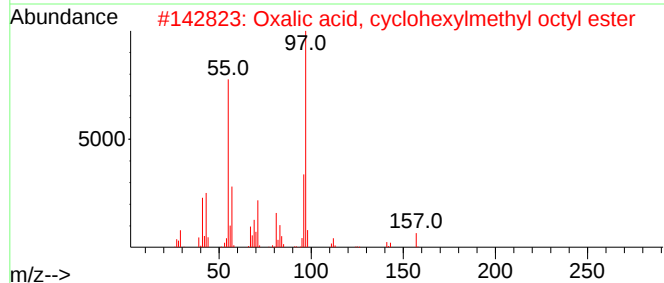
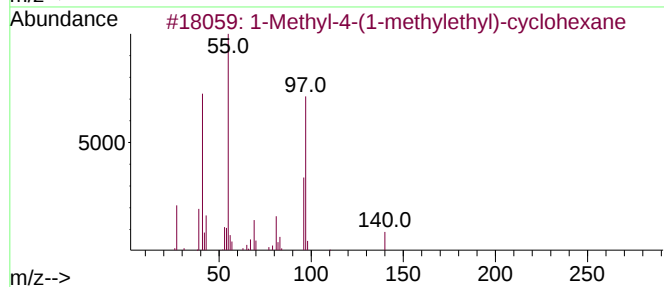
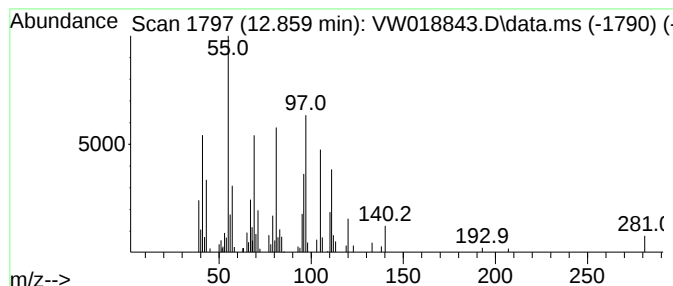
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Cyclic12.859 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	1.79 ug/L	54531	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	38
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	38
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	30
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	30
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

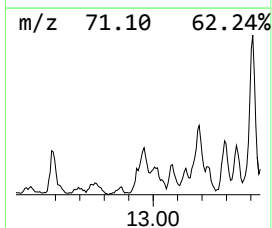
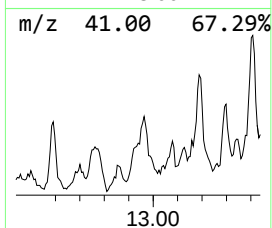
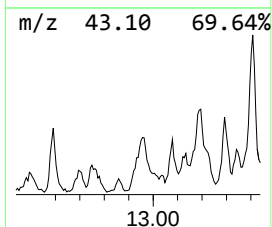
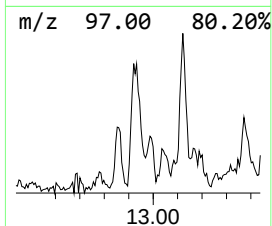
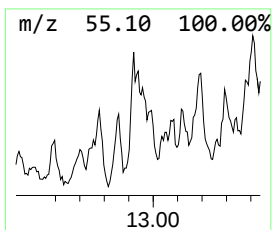
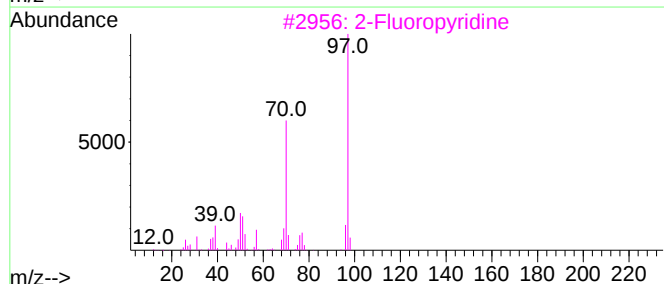
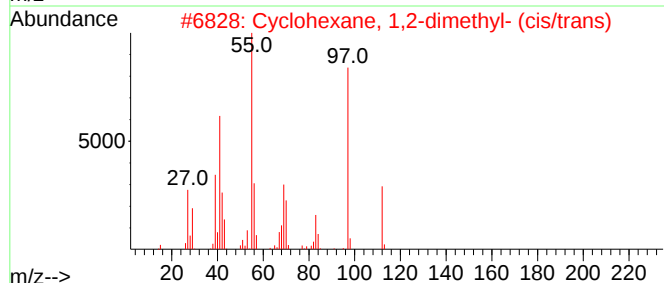
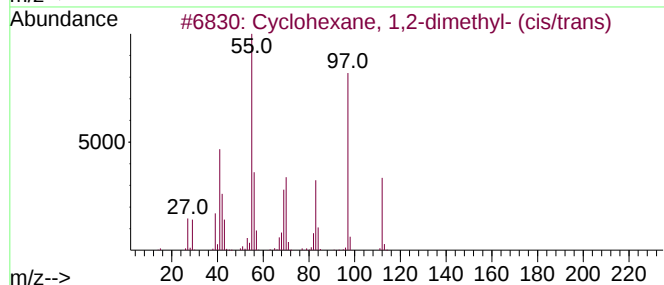
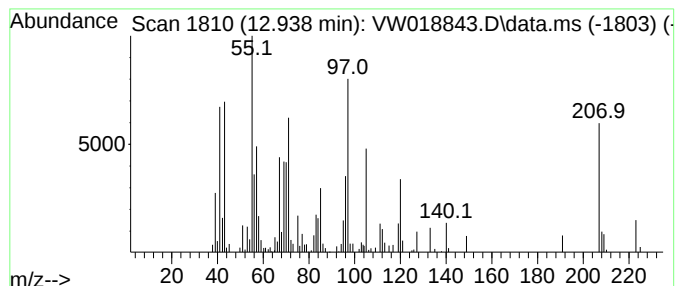
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic12.938 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	3.00 ug/L	91193	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	38
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	35
3			2-Fluoropyridine	97	C5H4FN	000372-48-5	27
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	25
5			Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

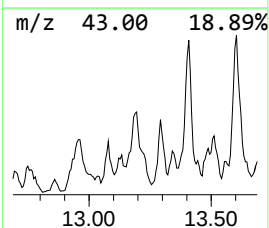
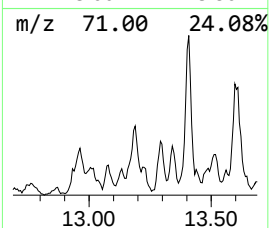
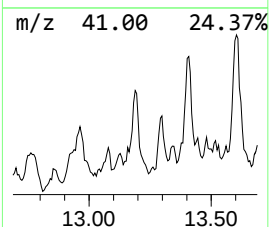
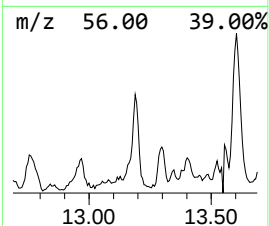
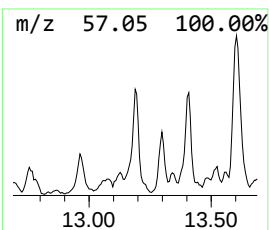
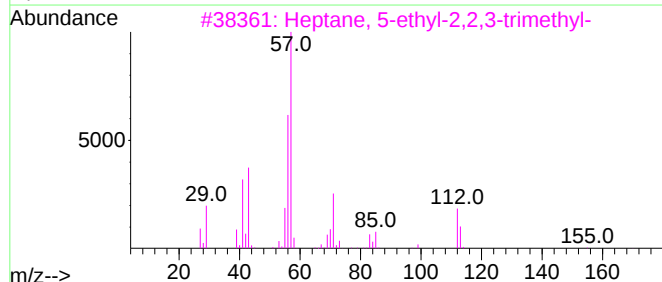
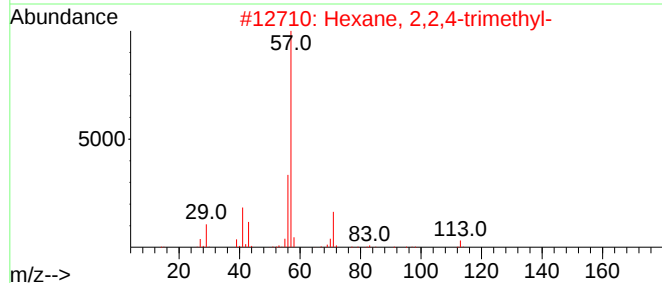
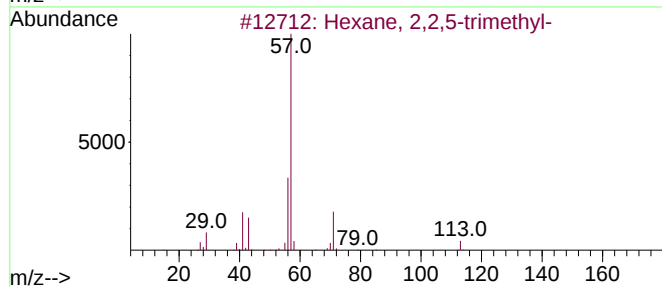
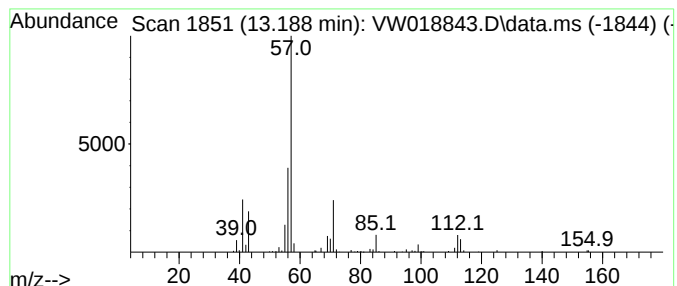
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.188	4.01 ug/L	121756	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	64
3		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	64
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

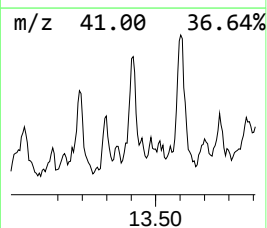
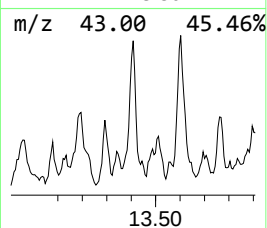
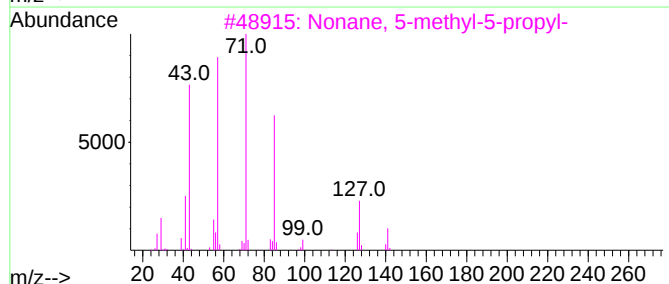
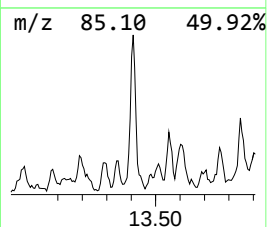
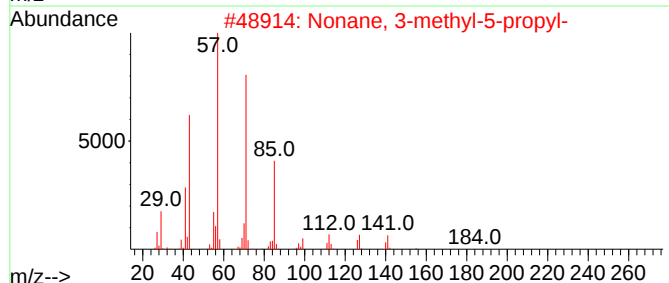
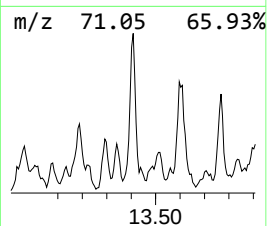
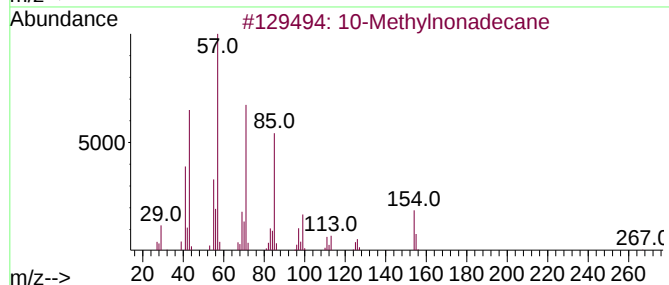
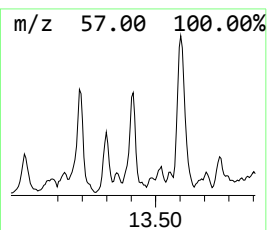
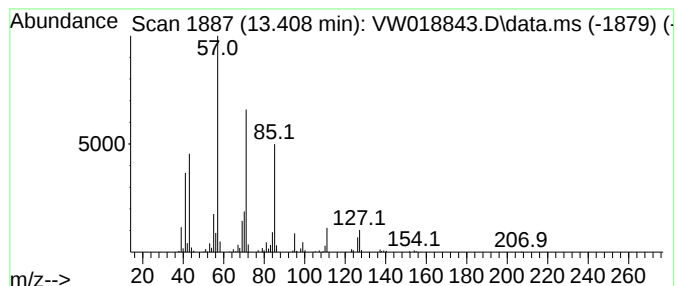
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.408	6.58 ug/L	200015	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		10-Methylnonadecane	282	C20H42	056862-62-5	72
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
5		1-Iodoundecane	282	C11H23I	004282-44-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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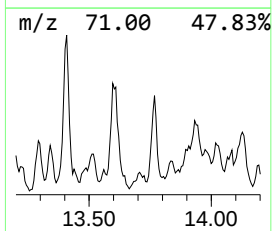
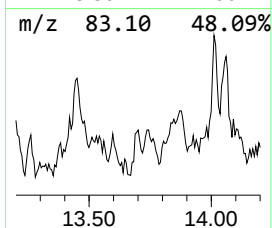
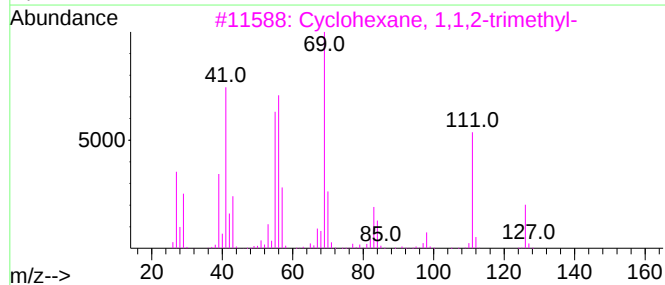
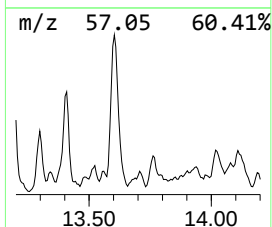
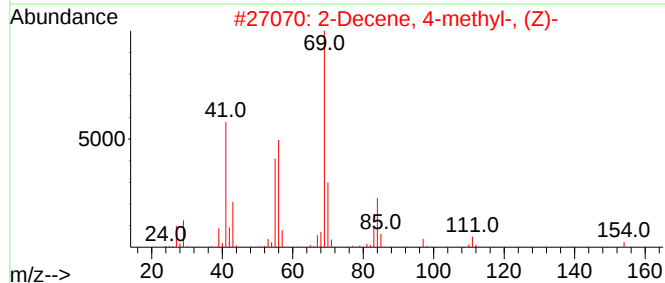
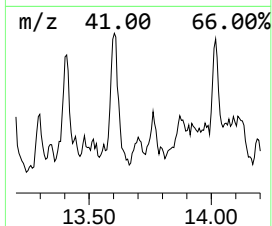
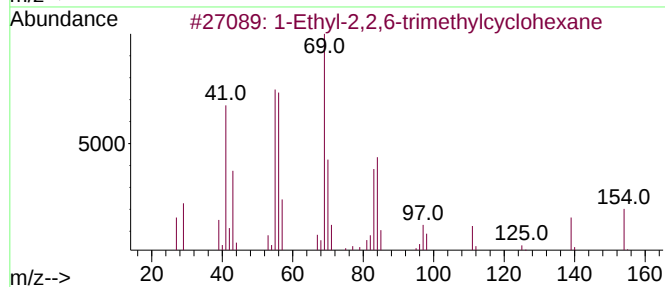
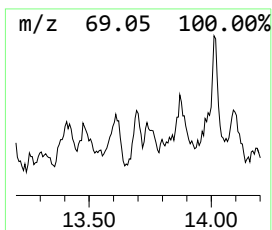
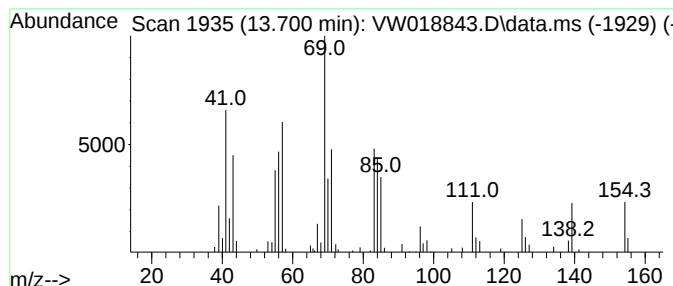
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic13.701 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.701	1.74 ug/L	52904	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	74
2			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	52
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
4			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	30
5			Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

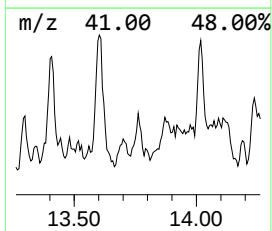
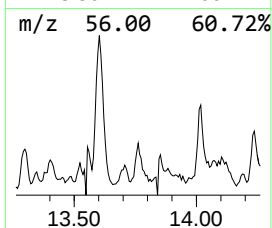
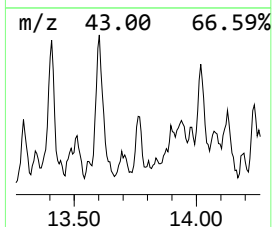
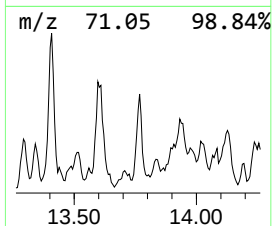
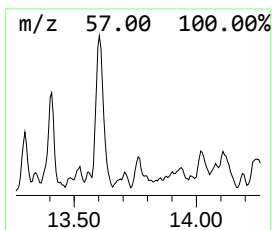
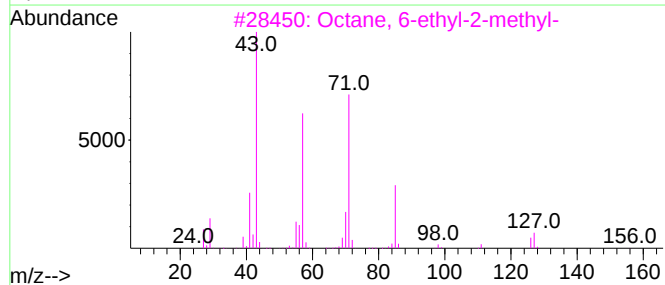
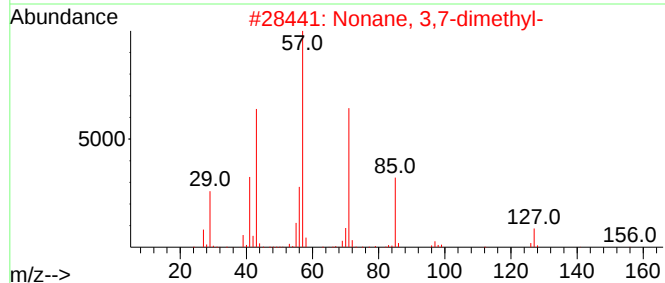
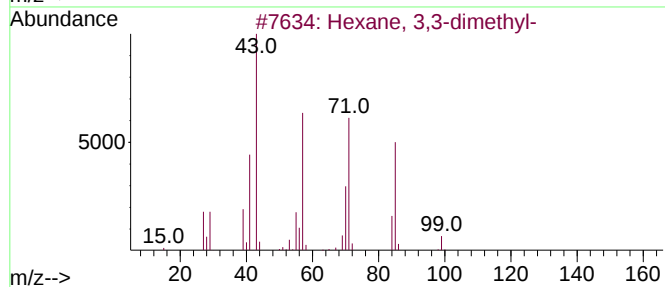
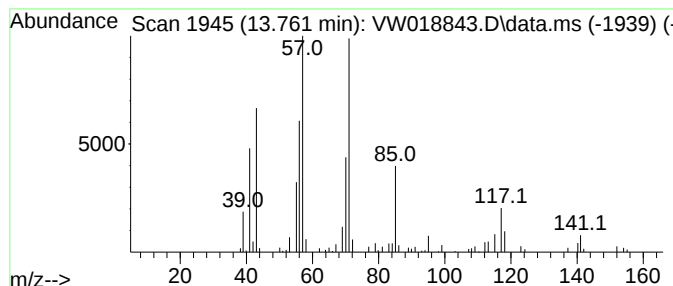
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.762	2.52 ug/L	76690	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
3		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50
4		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43
5		1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

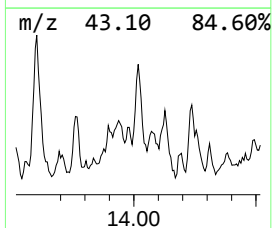
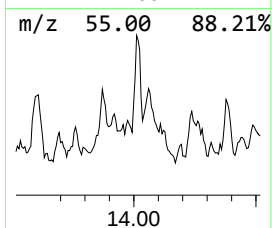
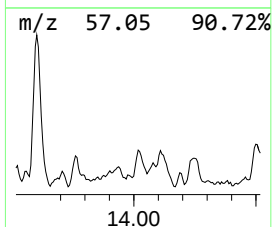
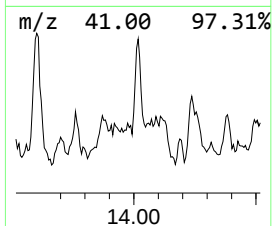
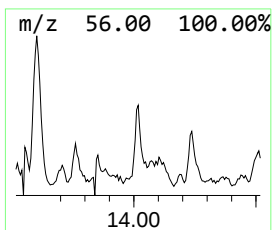
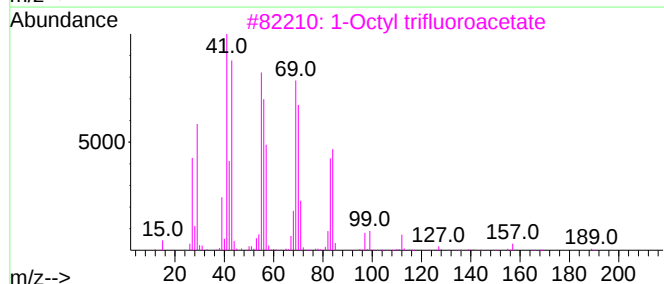
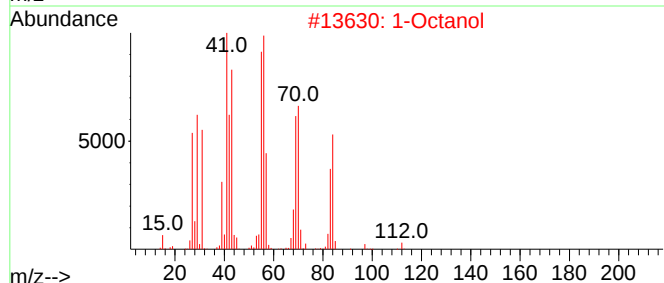
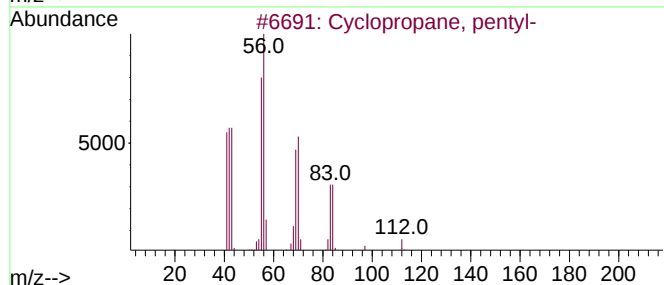
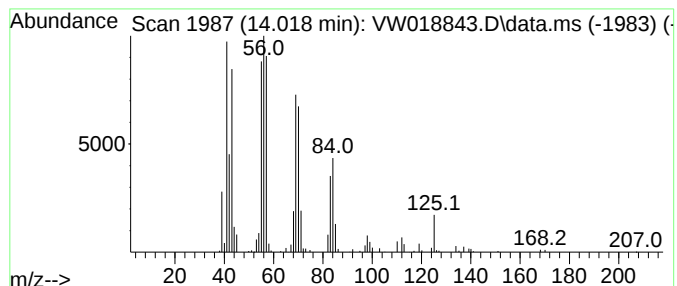
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Cyclic14.018 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.018	3.22 ug/L	97970	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopropane, pentyl-		112	C8H16	002511-91-3	87
2	1-Octanol		130	C8H18O	000111-87-5	80
3	1-Octyl trifluoroacetate		226	C10H17F3O2	002561-21-9	64
4	1-Octanol		130	C8H18O	000111-87-5	64
5	3-Dodecene, (Z)-		168	C12H24	007239-23-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

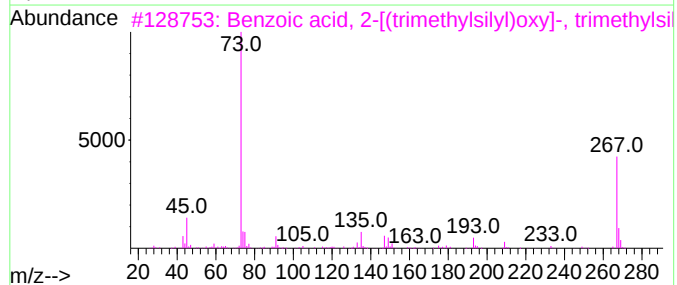
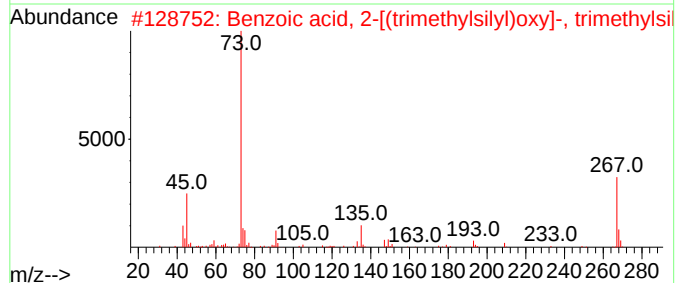
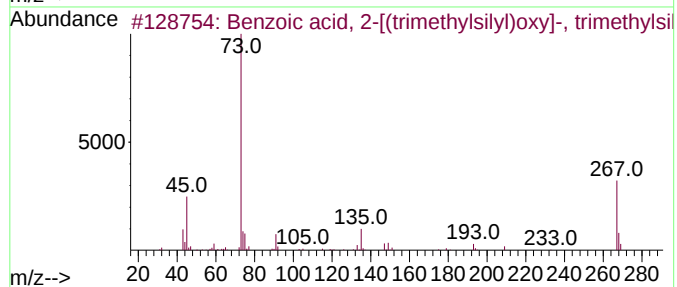
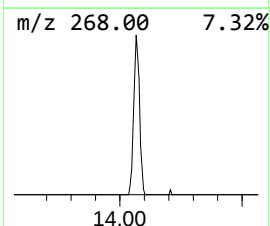
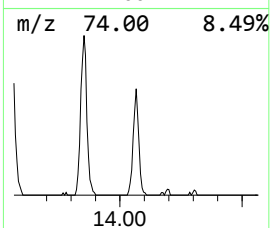
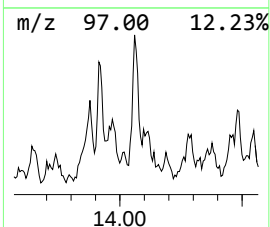
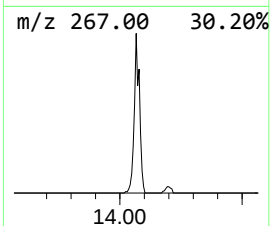
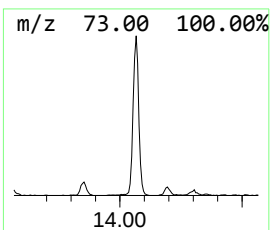
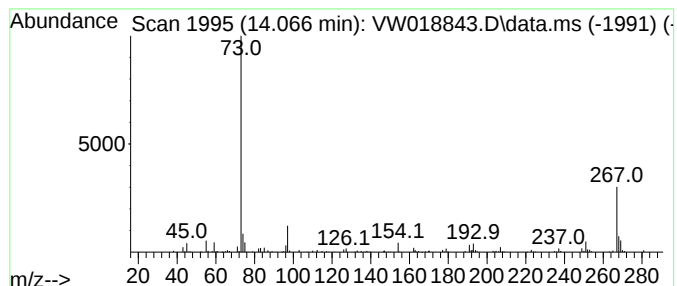
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	3.75 ug/L	114090	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	42
2			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	42
3			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	42
4			Benzeneethanamine, N-[(pentafluo...]	475	C21H26F5NO2Si2	055429-85-1	40
5			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

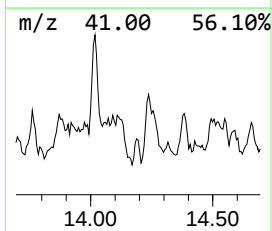
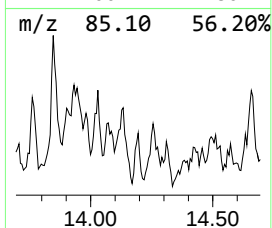
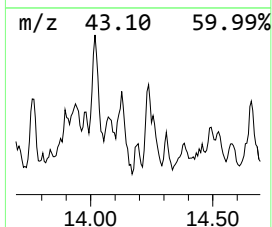
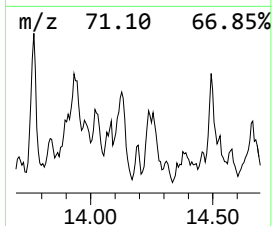
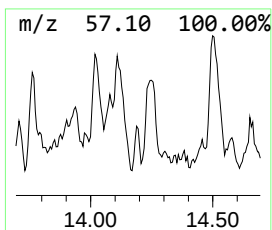
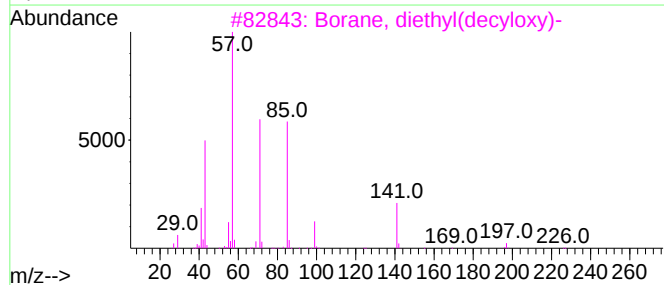
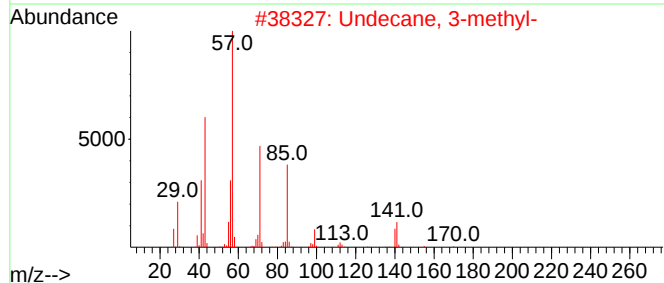
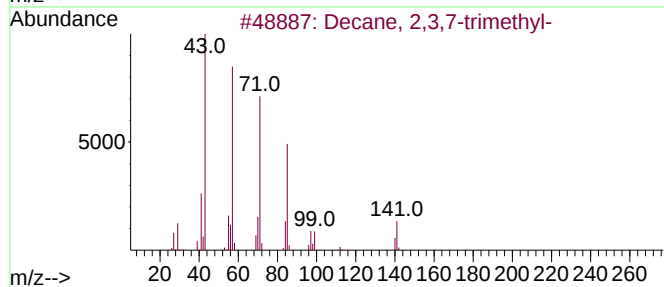
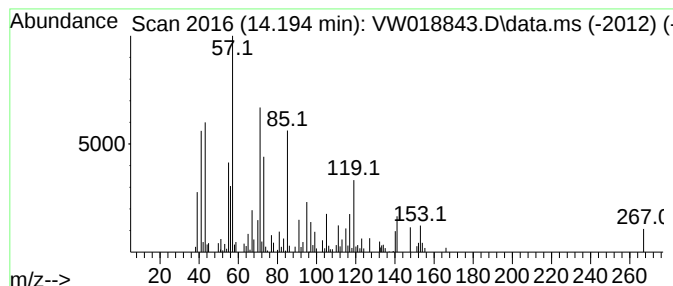
Instrument :
MSVOA_W
ClientSampleId :
BG577RE

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 16 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.194	1.38 ug/L	42035	1,4-Dichlorobenzene-d4		13.560	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,3,7-trimethyl-		184	C13H28	062238-13-5	43
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	43
3	Borane, diethyl(decyloxy)-		226	C14H31BO	1000152-34-3	38
4	Oxirane, 2-methyl-3-propyl-, trans-		100	C6H12O	006124-91-0	38
5	Octane, 3-ethyl-2,7-dimethyl-		170	C12H26	062183-55-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

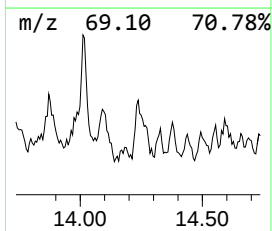
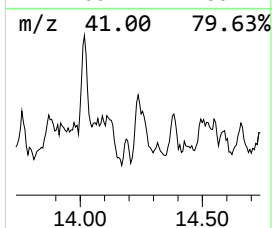
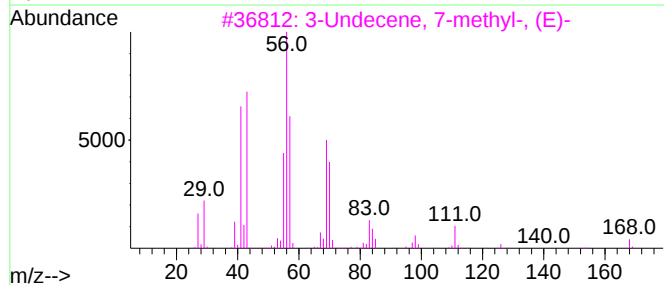
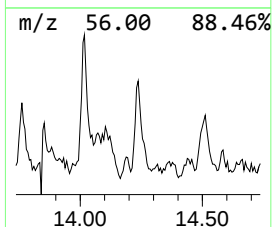
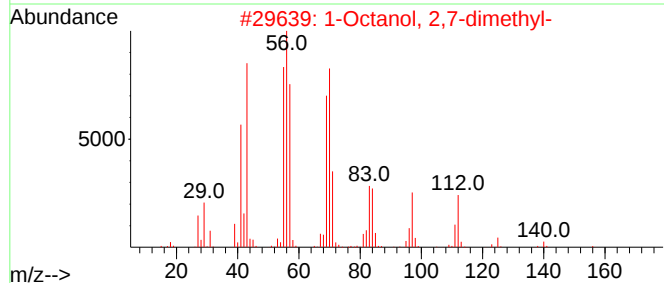
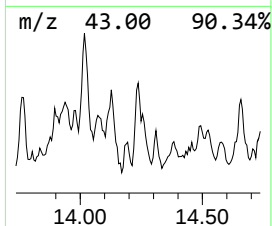
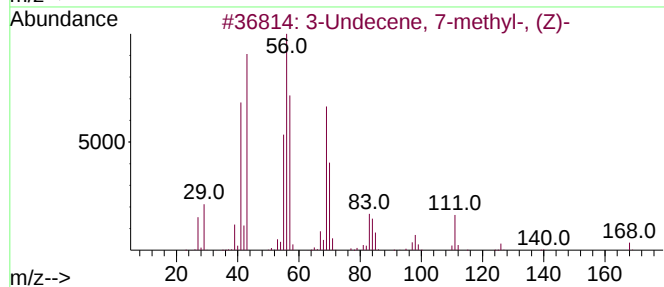
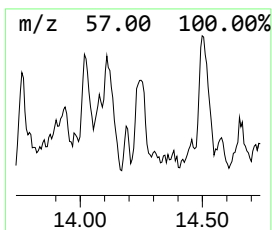
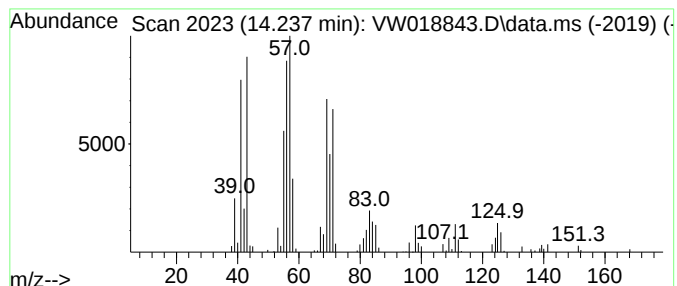
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.237	2.28 ug/L	69285	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	76
2	1	Octanol, 2,7-dimethyl-	158	C10H22O	015250-22-3	53
3	3	Undecene, 7-methyl-, (E)-	168	C12H24	074630-53-8	53
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	49	
5	Methylamine, N-(1-methylhexylide...	127	C8H17N	022058-71-5	46	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

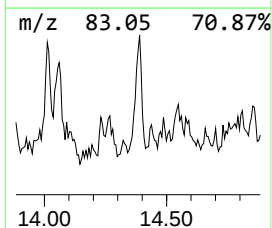
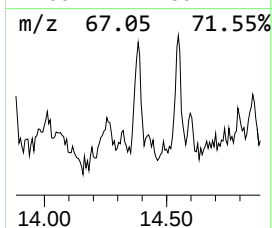
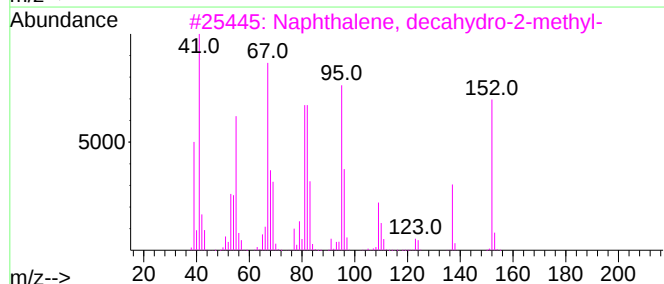
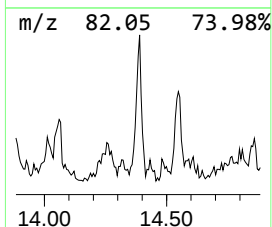
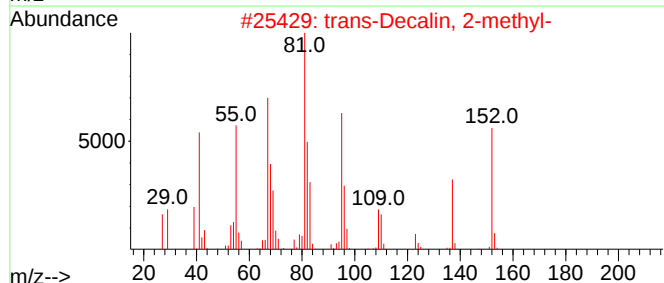
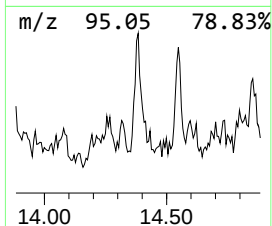
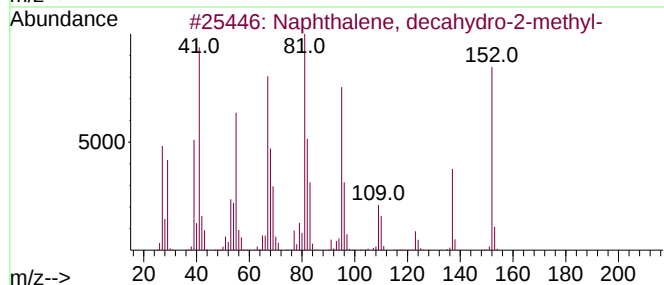
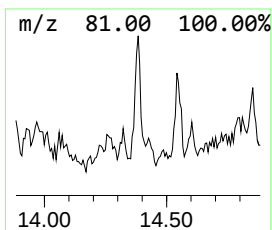
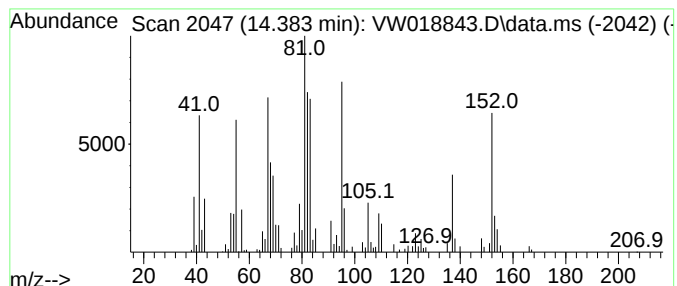
Instrument :
MSVOA_W
ClientSampleId :
BG577RE

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 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.383	2.52 ug/L	76705	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	87
2	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	72
3	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	70
4	1-Methyldecahydronaphthalene		152	C11H20	002958-75-0	70
5	Cyclodecene, 1-methyl-		152	C11H20	066633-38-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

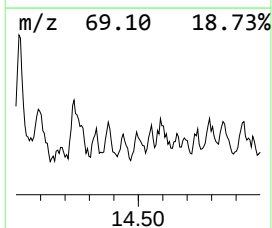
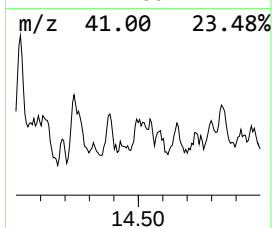
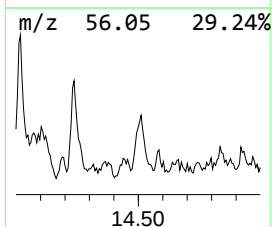
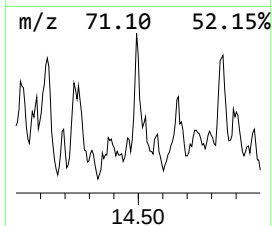
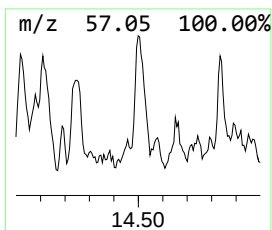
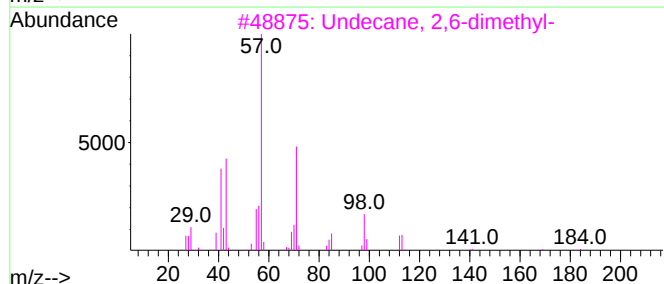
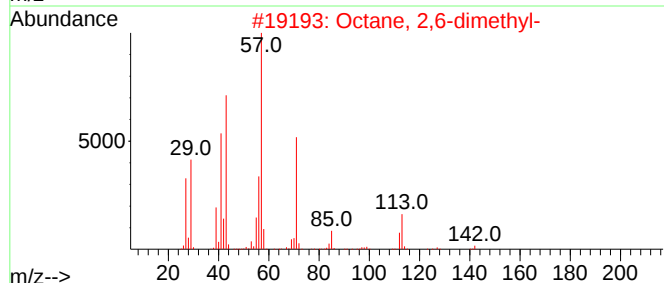
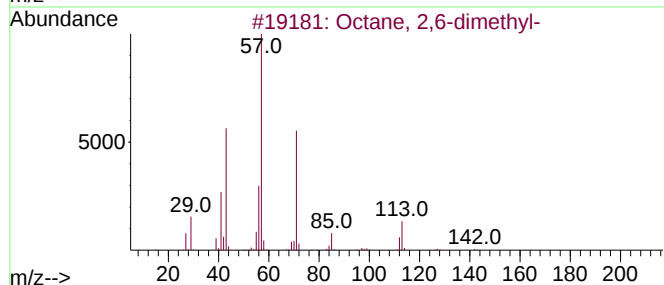
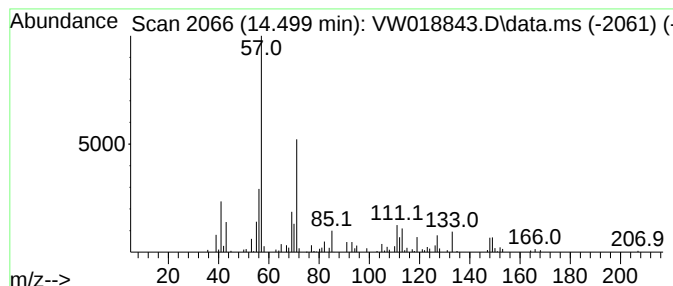
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	2.89 ug/L	87940	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	59
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	45
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

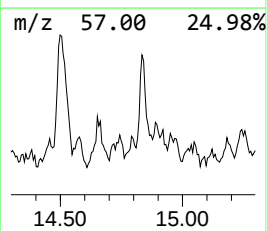
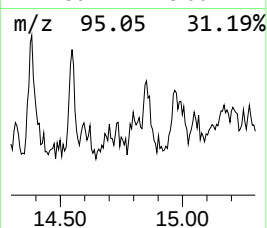
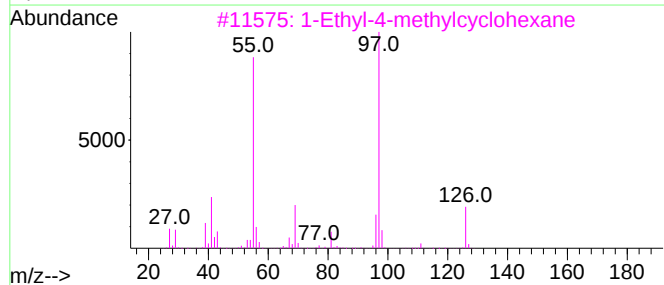
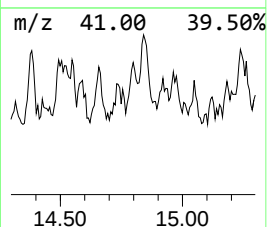
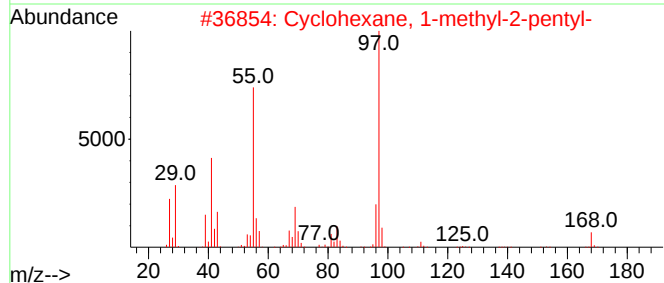
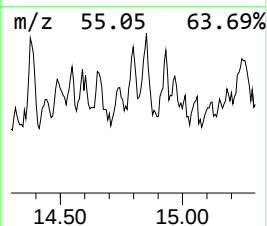
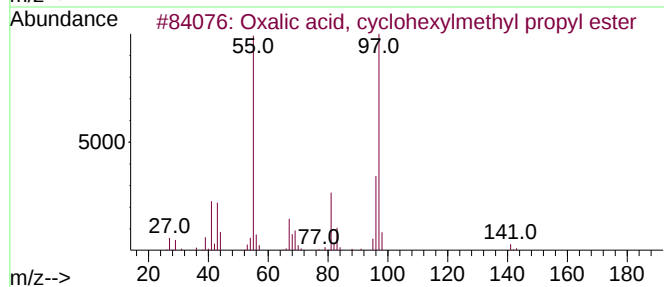
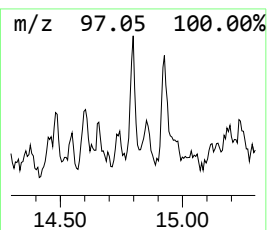
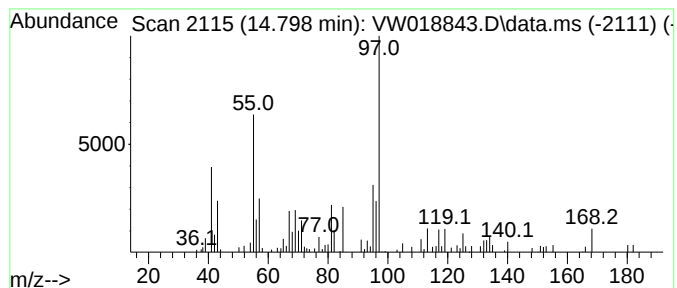
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.798	1.68 ug/L	51175	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	47
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	38
5			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

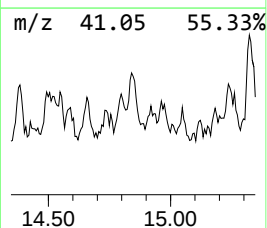
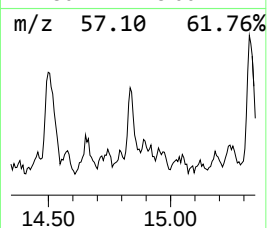
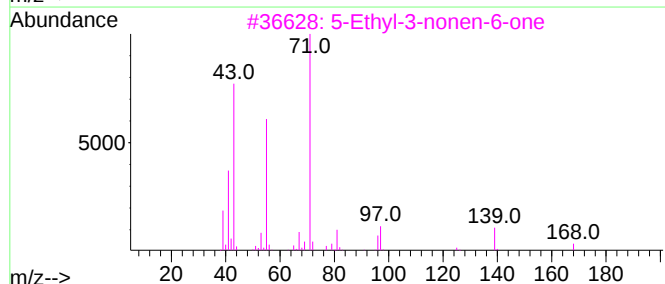
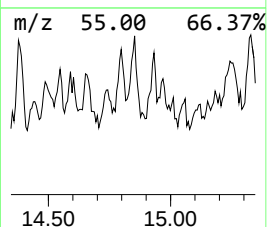
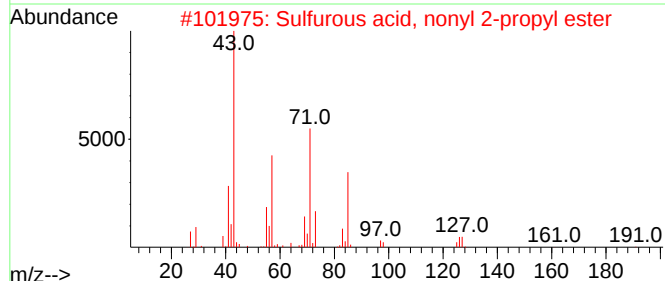
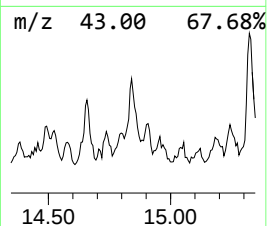
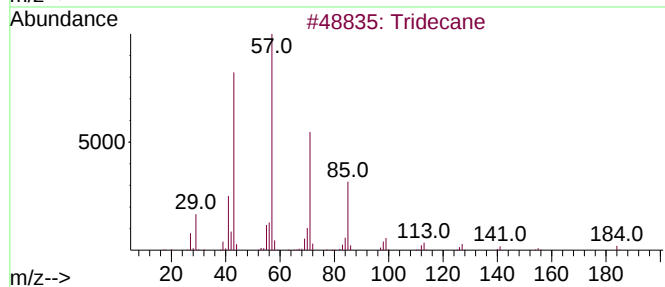
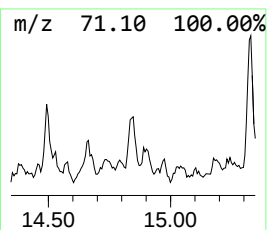
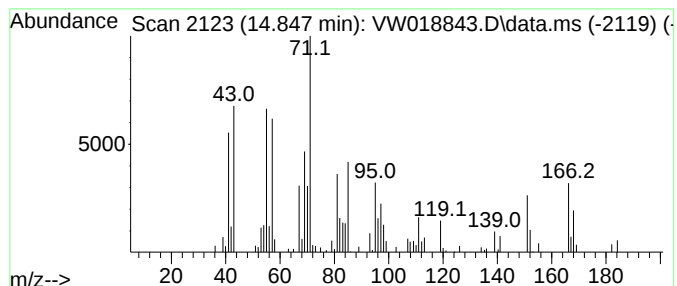
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.847	2.67 ug/L	81115	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	38
2			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	38
3			5-Ethyl-3-nonen-6-one	168	C11H20O	1000374-06-6	27
4			2-t-Butylimino-4-hydroxy-pent-3-...	166	C9H14N2O	1000186-22-1	25
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

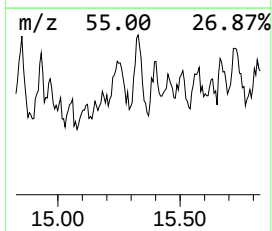
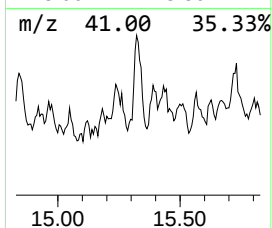
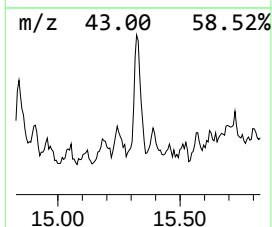
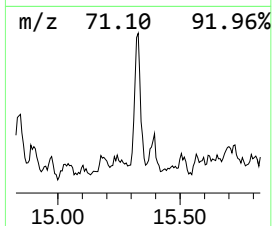
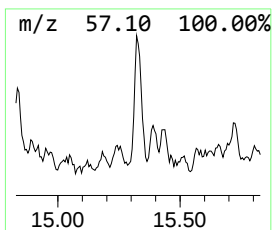
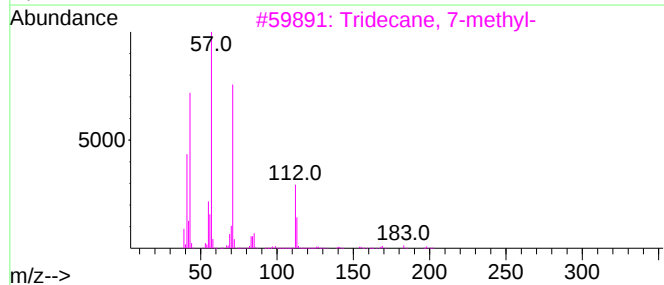
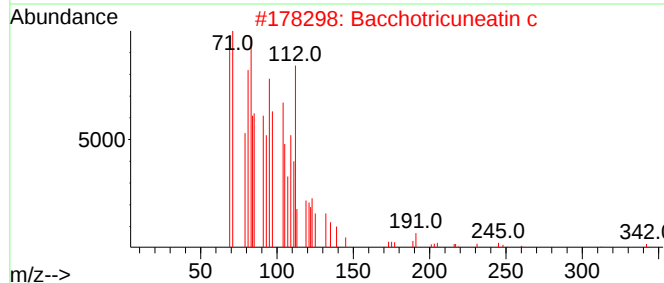
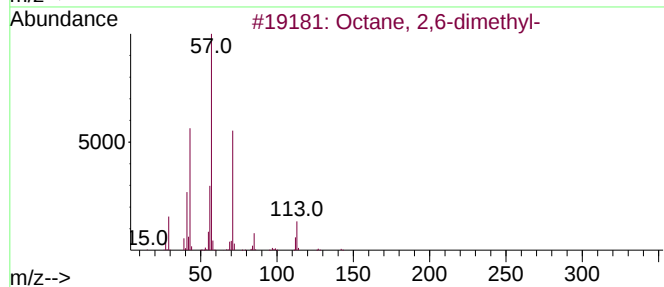
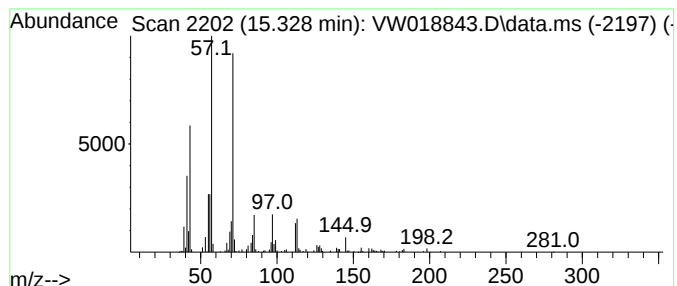
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ClientSampleId :
BG577RE

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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 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.328	3.74 ug/L	113701	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	86
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

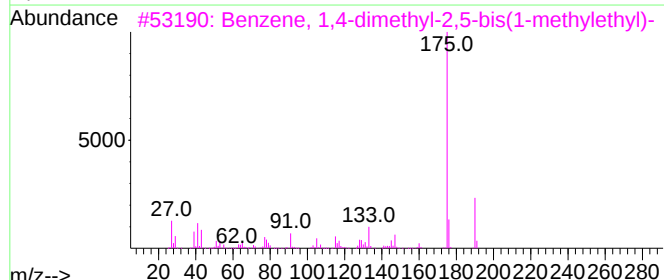
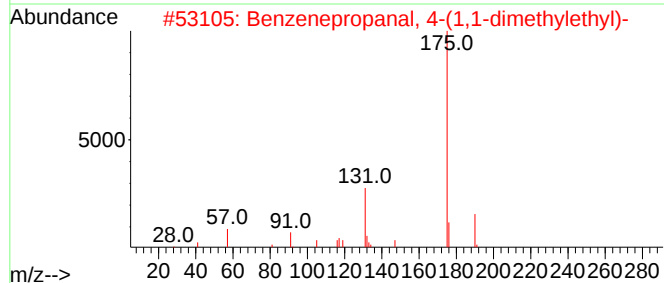
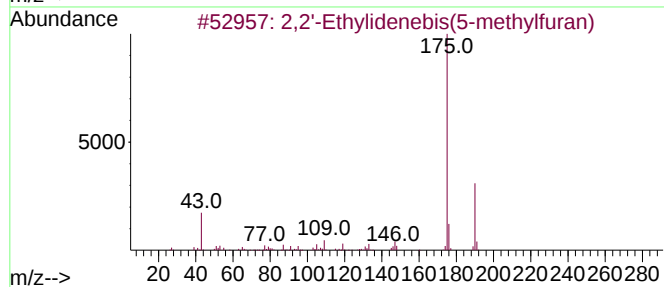
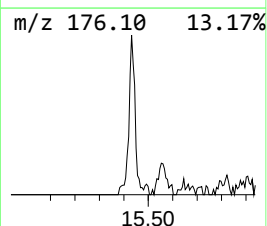
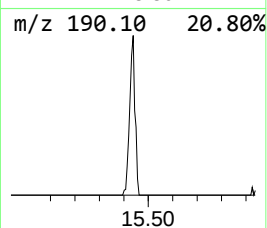
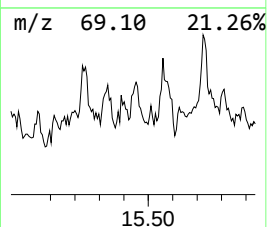
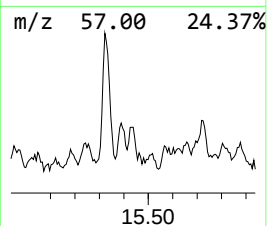
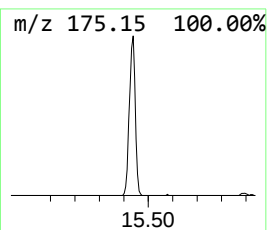
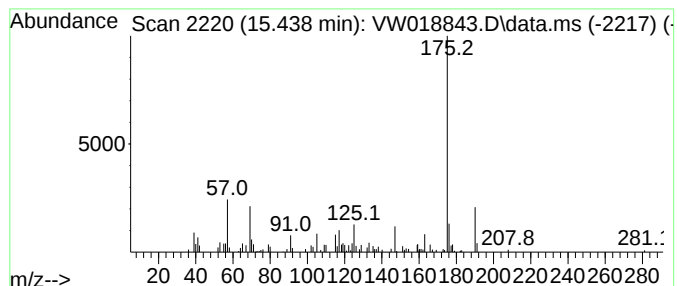
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Quant Title : SFAM01.0

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

Peak Number 23 2,2'-Ethylidenebis(5-methyl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.438	1.28 ug/L	38834	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	64
2			Benzenepropanal, 4-(1,1-dimethyl-...)	190	C13H18O	018127-01-0	64
3			Benzene, 1,4-dimethyl-2,5-bis(1-...)	190	C14H22	010375-96-9	64
4			p-Pentylacetophenone	190	C13H18O	037593-02-5	64
5			Benzo[b]thiophene, 2,3-diethyl-	190	C12H14S	054789-20-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
Data File : VW018843.D
Acq On : 29 Apr 2021 14:18
Operator : SY/VA
Sample : M2177-13RE
Misc : 3.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG577RE

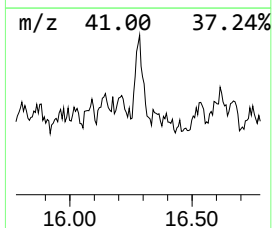
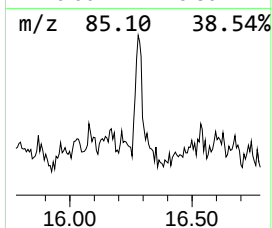
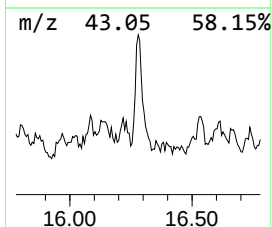
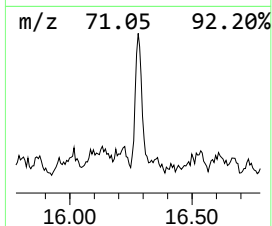
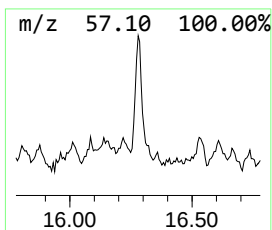
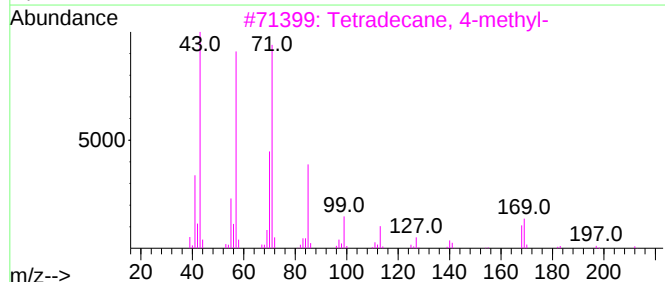
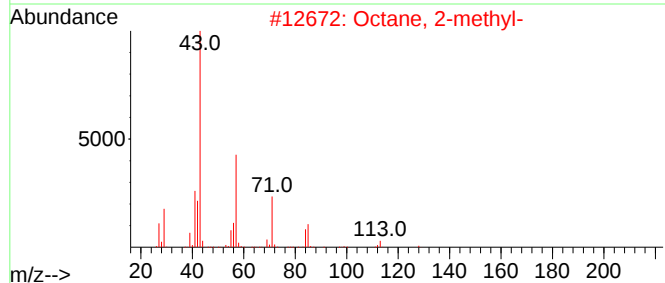
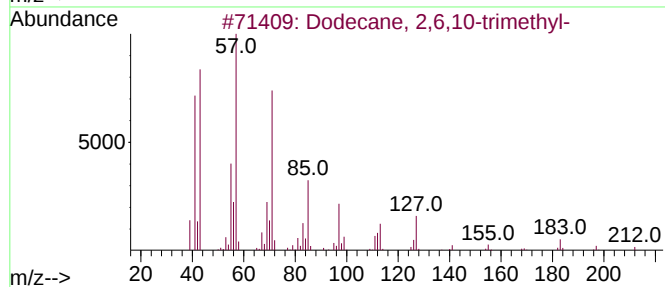
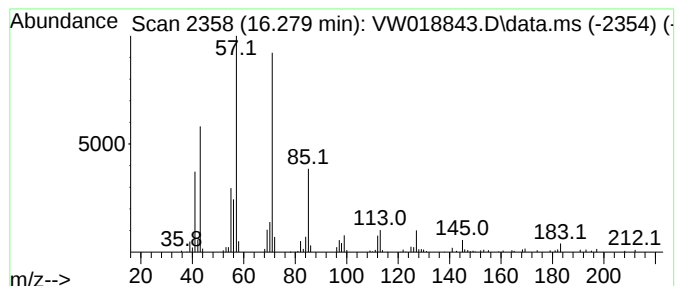
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.279	4.40 ug/L	133628	1,4-Dichlorobenzene-d4	13.560

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Octane, 2-methyl-	128	C9H20	003221-61-2	83
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	80
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018843.D
 Acq On : 29 Apr 2021 14:18
 Operator : SY/VA
 Sample : M2177-13RE
 Misc : 3.59G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG577RE

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	4.202	69.6	ug/L	3685470	1	8.842	1323360	25.0
Ethanol, 2-(tri...	7.141	2.2	ug/L	117351	1	8.842	1323360	25.0
(DEL) Alkane: C...	12.859	1.8	ug/L	54531	3	13.560	759965	25.0
(DEL) Alkane: C...	12.938	3.0	ug/L	91193	3	13.560	759965	25.0
(DEL) Alkane: S...	13.188	4.0	ug/L	121756	3	13.560	759965	25.0
(DEL) Alkane: S...	13.408	6.6	ug/L	200015	3	13.560	759965	25.0
(DEL) Alkane: C...	13.701	1.7	ug/L	52904	3	13.560	759965	25.0
(DEL) Alkane: S...	13.762	2.5	ug/L	76690	3	13.560	759965	25.0
(DEL) Alkane: C...	14.018	3.2	ug/L	97970	3	13.560	759965	25.0
unknown-01	14.066	3.8	ug/L	114090	3	13.560	759965	25.0
(DEL) Alkane: S...	14.194	1.4	ug/L	42035	3	13.560	759965	25.0
(DEL) Alkane: S...	14.237	2.3	ug/L	69285	3	13.560	759965	25.0
Naphthalene, de...	14.383	2.5	ug/L	76705	3	13.560	759965	25.0
(DEL) Alkane: S...	14.499	2.9	ug/L	87940	3	13.560	759965	25.0
unknown-02	14.798	1.7	ug/L	51175	3	13.560	759965	25.0
(DEL) Alkane: S...	14.847	2.7	ug/L	81115	3	13.560	759965	25.0
(DEL) Alkane: S...	15.328	3.7	ug/L	113701	3	13.560	759965	25.0
2,2'-Ethylidene...	15.438	1.3	ug/L	38834	3	13.560	759965	25.0
(DEL) Alkane: S...	16.279	4.4	ug/L	133628	3	13.560	759965	25.0