

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022443.D
 Acq On : 07 Apr 2022 19:44
 Operator : SY/VA
 Sample : N2293-08
 Misc : 6.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNN8

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\SFAMWLM040722SMA.M
 Title : SFAM01.0

Signal : TIC: VW022443.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	4	10	38	rVB	3565280	5636924	3.90%	3.031%
2	2.355	66	74	84	rVV	162903	301879	0.21%	0.162%
3	2.635	115	120	123	rBV2	15410	28534	0.02%	0.015%
4	2.885	154	161	171	rBV	88841	184870	0.13%	0.099%
5	4.019	337	347	358	rVV3	141287	454607	0.31%	0.244%
6	4.123	358	364	372	rVV	49583	137215	0.09%	0.074%
7	4.208	372	378	391	rVV4	24483	81455	0.06%	0.044%
8	4.385	396	407	421	rBV2	20079	66637	0.05%	0.036%
9	4.946	493	499	500	rVV4	8443	17643	0.01%	0.009%
10	5.007	504	509	520	rVV2	15055	50679	0.04%	0.027%
11	5.178	529	537	548	rBV6	10938	37611	0.03%	0.020%
12	5.440	571	580	589	rVB4	8207	25581	0.02%	0.014%
13	5.562	592	600	609	rVB5	9639	27745	0.02%	0.015%
14	5.940	653	662	671	rBV4	11714	34813	0.02%	0.019%
15	6.306	715	722	734	rVB4	4575	17214	0.01%	0.009%
16	6.982	824	833	842	rVV5	22894	78361	0.05%	0.042%
17	7.080	842	849	860	rVV	50677	178355	0.12%	0.096%
18	7.177	860	865	875	rVV2	18305	49829	0.03%	0.027%
19	7.647	932	942	957	rVB	253955	645435	0.45%	0.347%
20	7.952	979	992	1001	rVV7	16254	59796	0.04%	0.032%
21	8.159	1017	1026	1032	rBV3	8482	20989	0.01%	0.011%
22	8.323	1035	1053	1065	rBV	4360770	10682856	7.39%	5.744%
23	8.451	1069	1074	1080	rVV5	12305	32656	0.02%	0.018%
24	8.567	1080	1093	1100	rVB	23658	67134	0.05%	0.036%
25	8.695	1105	1114	1118	rBV3	12519	27825	0.02%	0.015%
26	8.842	1128	1138	1149	rBV	480960	936003	0.65%	0.503%
27	8.988	1153	1162	1168	rBV	170595	312692	0.22%	0.168%
28	9.073	1168	1176	1183	rVB	15278	50144	0.03%	0.027%
29	9.274	1200	1209	1216	rBV	366564	771959	0.53%	0.415%
30	9.963	1312	1322	1328	rVV	273247	513865	0.36%	0.276%
31	10.037	1328	1334	1340	rVV	187403	344967	0.24%	0.185%
32	10.207	1354	1362	1366	rBV5	10219	22440	0.02%	0.012%
33	10.323	1373	1381	1386	rBV	700757	1244868	0.86%	0.669%
34	10.384	1386	1391	1400	rVB	1141975	2002824	1.39%	1.077%
35	10.476	1400	1406	1407	rBV3	22730	33633	0.02%	0.018%
36	10.579	1415	1423	1431	rBV	118155	217342	0.15%	0.117%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Title : SFAM01.0

37	10.719	1439	1446	1459	rVB	198553	381431	0.26%	0.205%
38	10.860	1462	1469	1473	rVB3	11611	20938	0.01%	0.011%
39	10.927	1473	1480	1491	rBV	211979	402495	0.28%	0.216%
40	11.061	1495	1502	1507	rBV2	35837	65764	0.05%	0.035%
41	11.177	1516	1521	1526	rBV	40079	61065	0.04%	0.033%
42	11.292	1533	1540	1551	rVB	101427	184649	0.13%	0.099%
43	11.481	1566	1571	1579	rBV4	14554	25652	0.02%	0.014%
44	11.658	1588	1600	1609	rBV2	73831764	144496864	100.00%	77.695%
45	11.725	1609	1611	1618	rVV2	75417	122360	0.08%	0.066%
46	11.835	1618	1629	1638	rVB	161592	342826	0.24%	0.184%
47	11.969	1644	1651	1664	rVB6	28982	94799	0.07%	0.051%
48	12.164	1671	1683	1690	rBV	126678	241974	0.17%	0.130%
49	12.347	1707	1713	1722	rBV7	20858	55737	0.04%	0.030%
50	12.469	1727	1733	1738	rBV	67587	112585	0.08%	0.061%
51	12.603	1750	1755	1758	rBV3	12712	22188	0.02%	0.012%
52	12.658	1758	1764	1766	rVV	283103	448732	0.31%	0.241%
53	12.689	1766	1769	1774	rVV	296329	508407	0.35%	0.273%
54	12.743	1774	1778	1783	rVV	76440	125139	0.09%	0.067%
55	12.798	1785	1787	1792	rVB	23327	33055	0.02%	0.018%
56	12.890	1792	1802	1807	rBV2	275604	566398	0.39%	0.305%
57	12.938	1807	1810	1814	rVB	63888	92019	0.06%	0.049%
58	12.987	1814	1818	1826	rVB	78117	115636	0.08%	0.062%
59	13.103	1830	1837	1845	rVB2	49226	108409	0.08%	0.058%
60	13.176	1845	1849	1855	rBV8	11490	23737	0.02%	0.013%
61	13.249	1855	1861	1874	rBV	178587	364804	0.25%	0.196%
62	13.365	1875	1880	1886	rBV4	46254	87259	0.06%	0.047%
63	13.469	1887	1897	1898	rBV3	63498	136466	0.09%	0.073%
64	13.493	1898	1901	1906	rVB	130437	189574	0.13%	0.102%
65	13.560	1906	1912	1920	rBV4	638305	1469899	1.02%	0.790%
66	13.640	1920	1925	1932	rVB3	166844	291244	0.20%	0.157%
67	13.713	1932	1937	1939	rBV5	17408	28434	0.02%	0.015%
68	13.749	1939	1943	1946	rBV2	53672	84382	0.06%	0.045%
69	13.786	1946	1949	1953	rVB2	46259	59385	0.04%	0.032%
70	13.865	1953	1962	1970	rVB2	2522765	4641202	3.21%	2.496%
71	13.944	1970	1975	1979	rBV2	41445	78181	0.05%	0.042%
72	13.999	1979	1984	1988	rBV5	53007	107477	0.07%	0.058%
73	14.036	1988	1990	1993	rVB	36559	39472	0.03%	0.021%
74	14.091	1994	1999	2004	rVB2	88890	148026	0.10%	0.080%
75	14.176	2004	2013	2015	rBV5	83327	176143	0.12%	0.095%
76	14.328	2034	2038	2041	rBV3	39815	59843	0.04%	0.032%

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 Title : SFAM01.0

77	14.414	2049	2052	2055	rBV	45801	65528	0.05%	0.035%
78	14.463	2055	2060	2069	rVB3	531942	963775	0.67%	0.518%
79	14.536	2070	2072	2081	rVB5	38584	84085	0.06%	0.045%
80	14.633	2084	2088	2092	rVB4	44722	78950	0.05%	0.042%
81	14.688	2092	2097	2100	rBV4	66981	123927	0.09%	0.067%
82	14.737	2100	2105	2110	rVV3	225617	395697	0.27%	0.213%
83	14.786	2110	2113	2121	rVB4	105813	242257	0.17%	0.130%
84	14.853	2121	2124	2129	rBV3	32828	72473	0.05%	0.039%
85	14.956	2137	2141	2142	rBV2	32438	40470	0.03%	0.022%
86	15.023	2149	2152	2154	rBV3	31534	42413	0.03%	0.023%
87	15.060	2154	2158	2162	rVV4	61910	131084	0.09%	0.070%
88	15.115	2162	2167	2172	rVV3	84967	218824	0.15%	0.118%
89	15.170	2172	2176	2183	rVB4	53202	111196	0.08%	0.060%
90	15.249	2183	2189	2195	rVB	222502	367298	0.25%	0.197%
91	15.310	2195	2199	2202	rBV3	22426	39218	0.03%	0.021%
92	15.365	2202	2208	2217	rBV3	84427	207937	0.14%	0.112%
93	15.438	2217	2220	2226	rVB3	21861	37024	0.03%	0.020%
94	15.645	2248	2254	2262	rVB8	26662	60351	0.04%	0.032%
95	15.731	2263	2268	2274	rBV7	56539	121033	0.08%	0.065%
96	16.267	2352	2356	2361	rBV	35157	59906	0.04%	0.032%
97	16.328	2361	2366	2376	rVB9	41312	99322	0.07%	0.053%
98	16.438	2378	2384	2387	rBV5	17603	36407	0.03%	0.020%
99	16.633	2412	2416	2424	rVB5	12542	31717	0.02%	0.017%
100	16.724	2424	2431	2441	rVB2	149847	337832	0.23%	0.182%

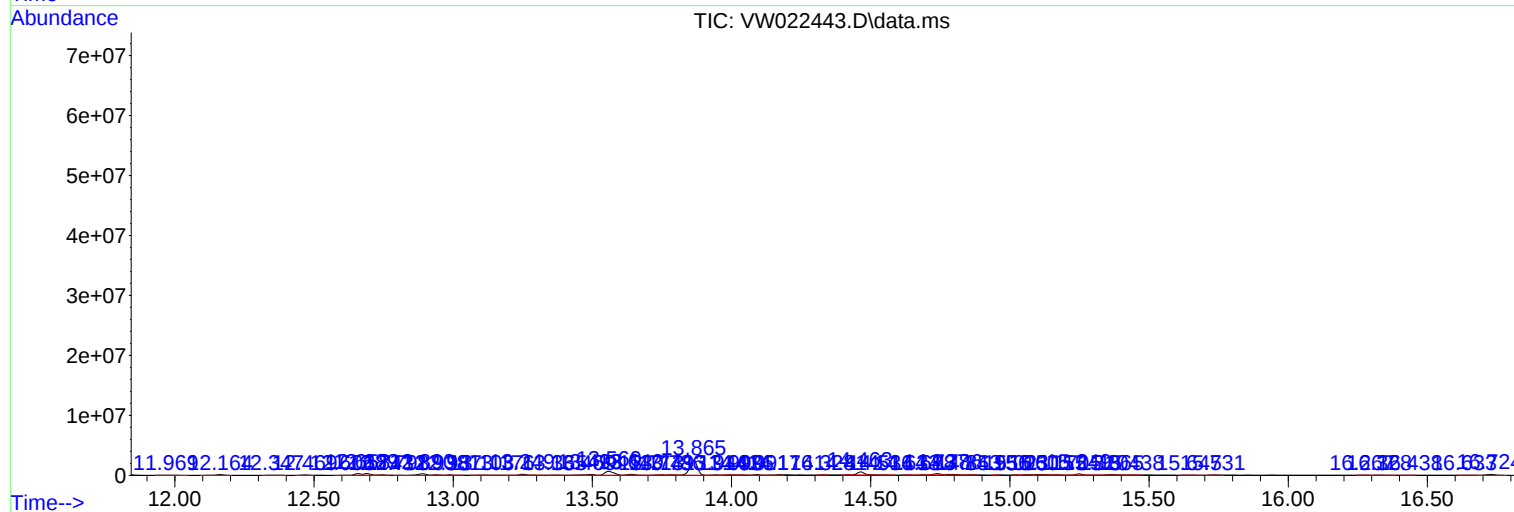
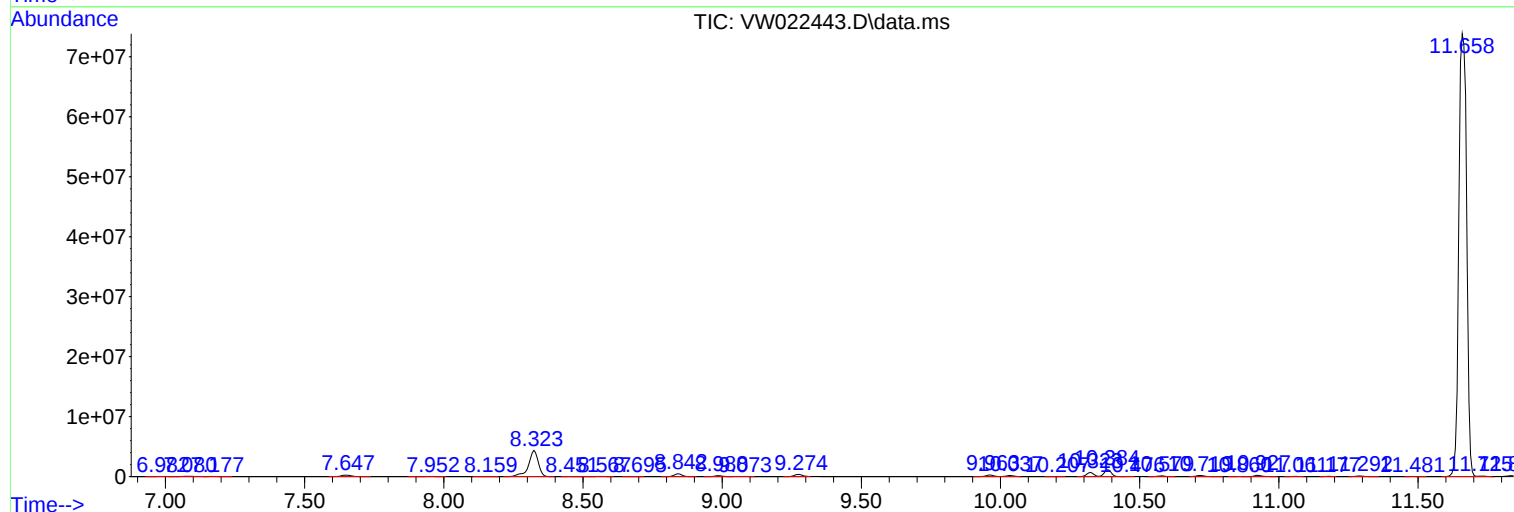
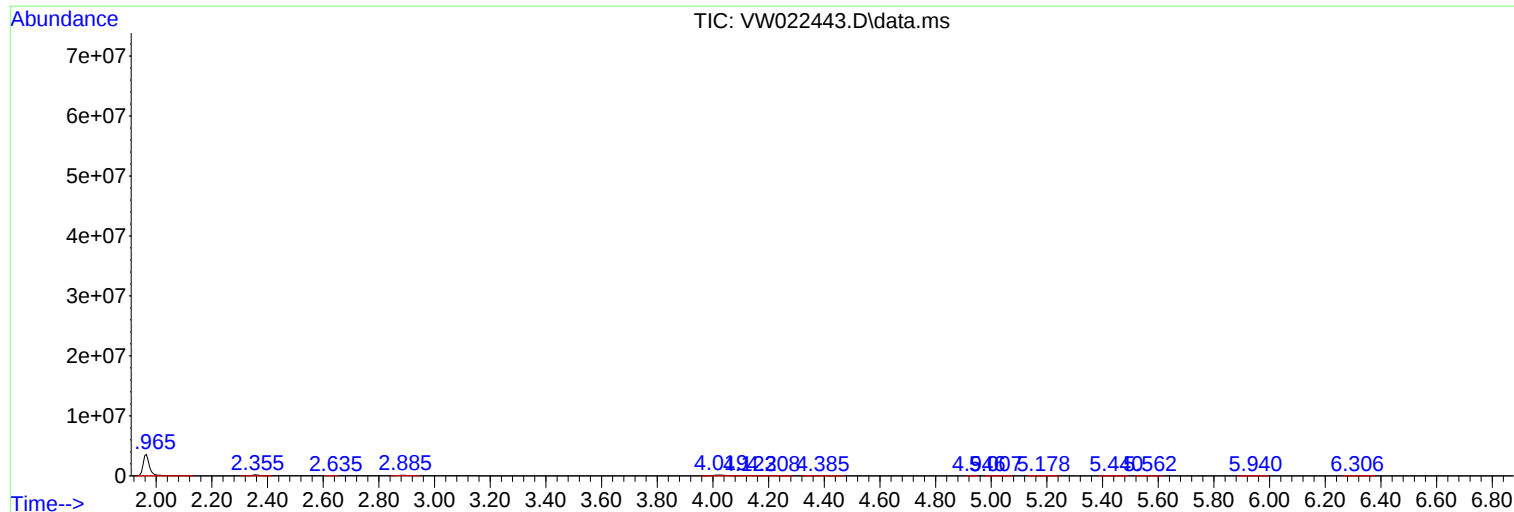
Sum of corrected areas: 185980754

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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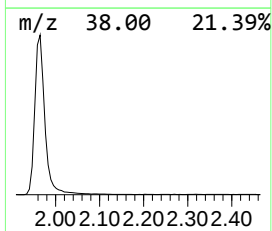
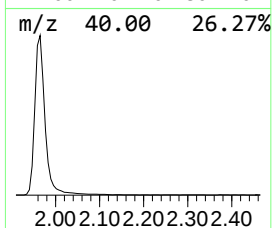
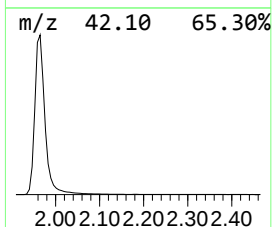
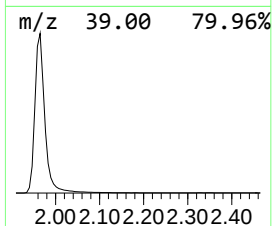
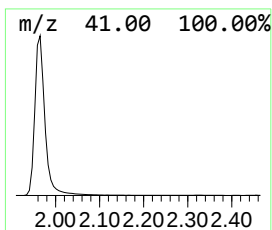
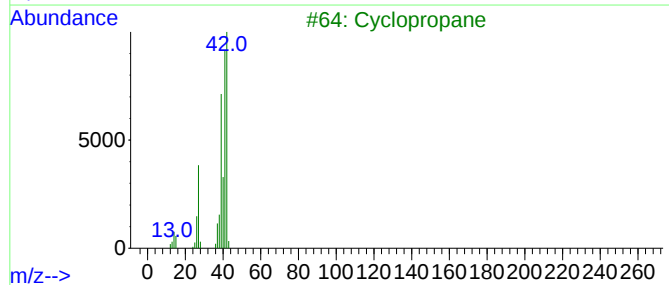
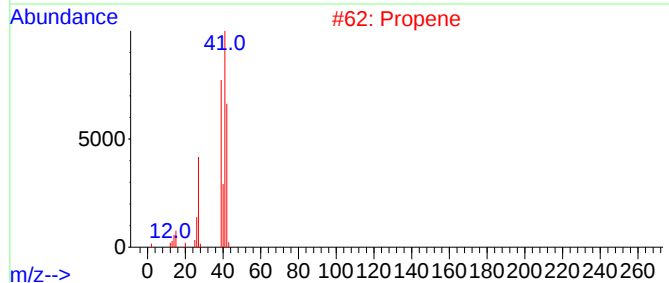
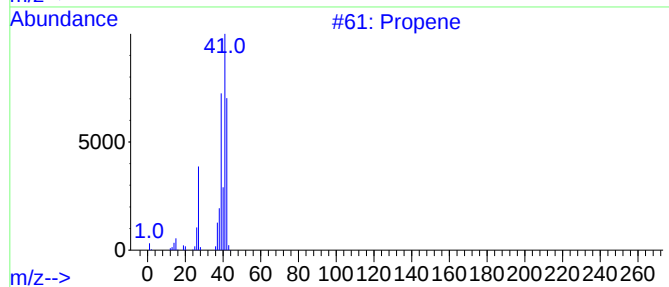
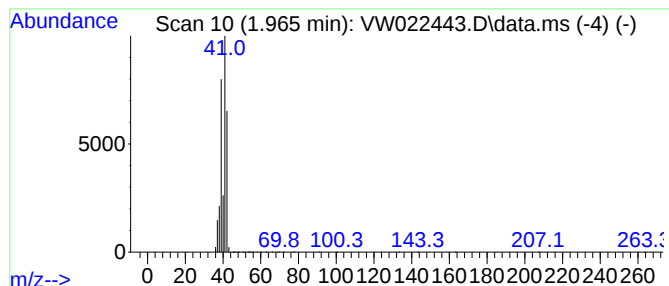
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	150.56 ug/L	5636920	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	59
3			Cyclopropane	42	C3H6	000075-19-4	10
4			Cyclopropene	40	C3H4	002781-85-3	10
5			Cyclopropane	42	C3H6	000075-19-4	7



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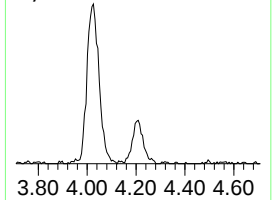
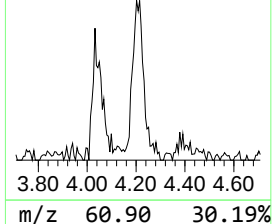
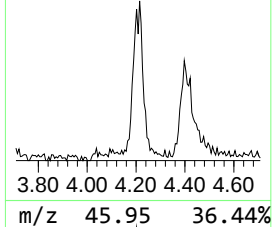
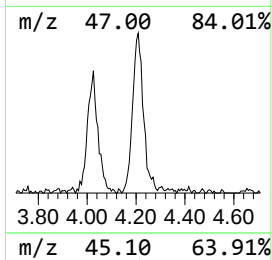
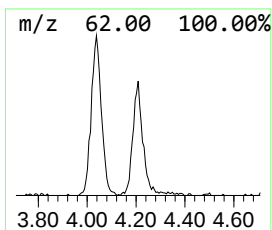
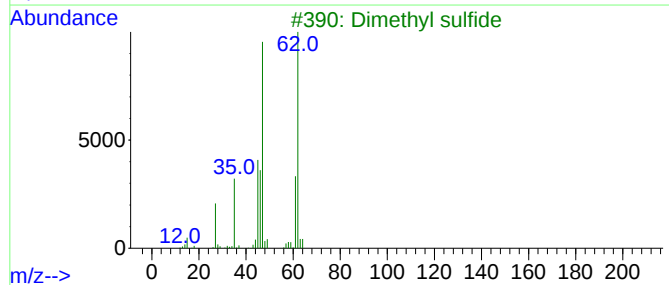
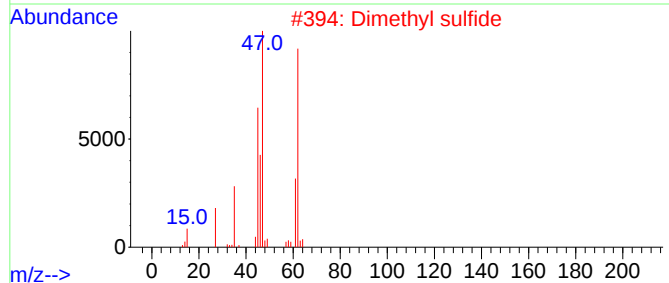
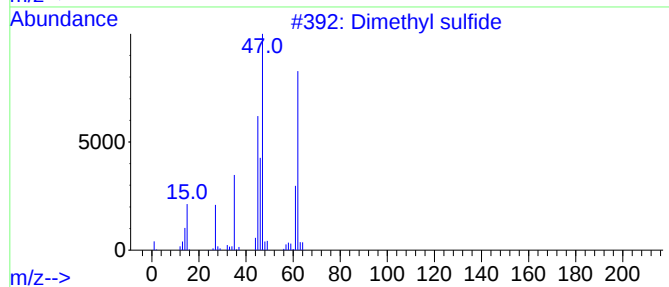
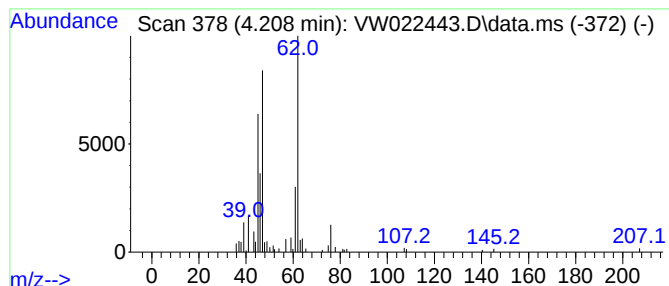
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Dimethyl sulfide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.208	2.18 ug/L	81455	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	91
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	90
4			Dimethyl sulfide	62	C2H6S	000075-18-3	87
5			Ethanethiol	62	C2H6S	000075-08-1	86



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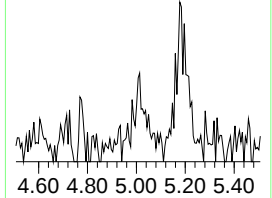
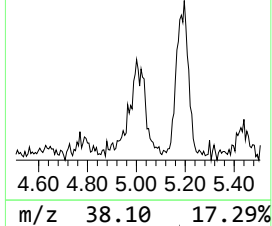
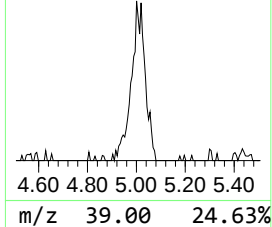
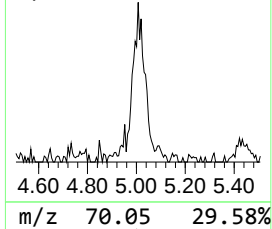
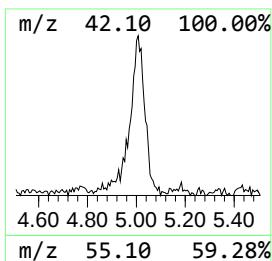
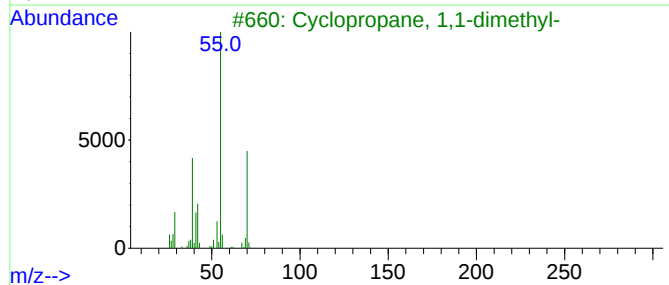
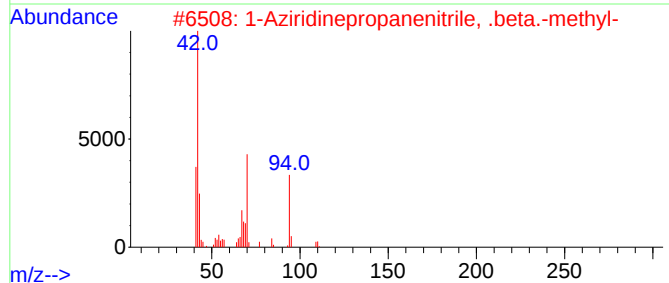
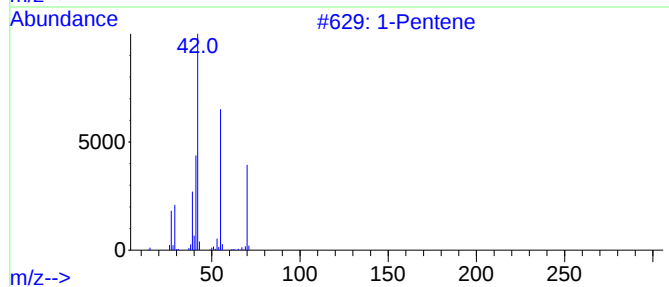
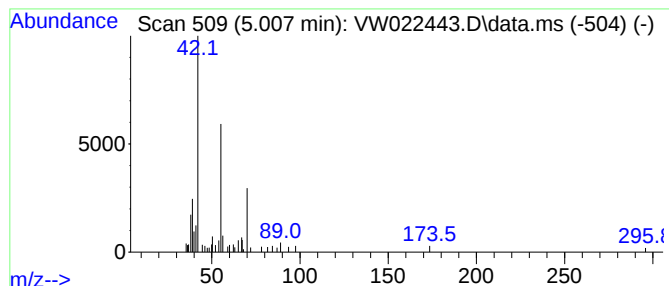
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.007	1.35 ug/L	50679	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene	70	C5H10	000109-67-1	42
2		1-Aziridinepropanenitrile, .beta...	110	C6H10N2	004078-19-7	38
3		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	10
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	9
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

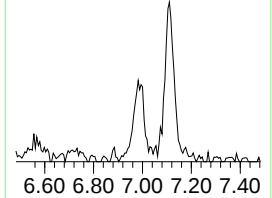
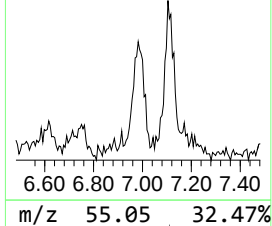
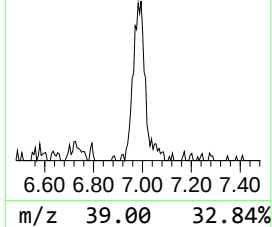
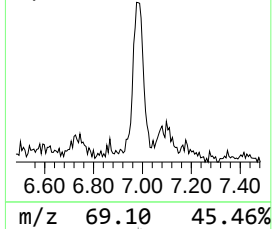
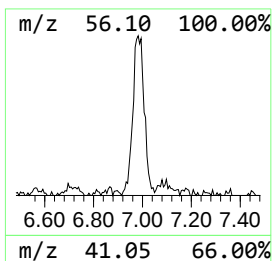
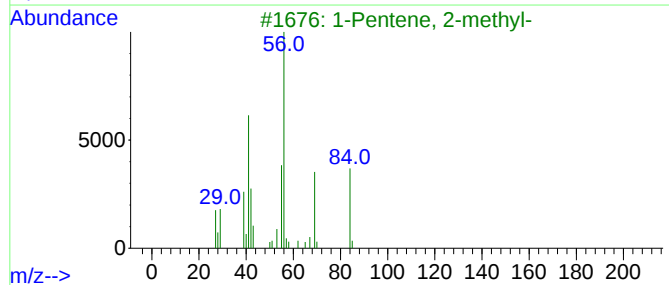
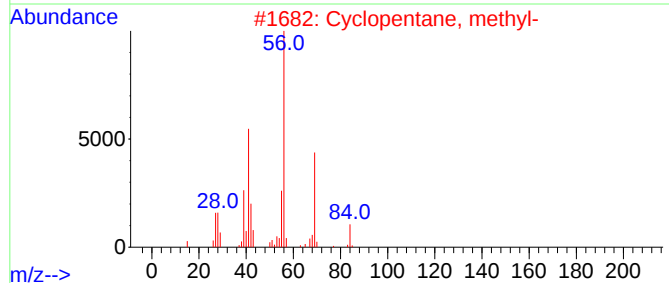
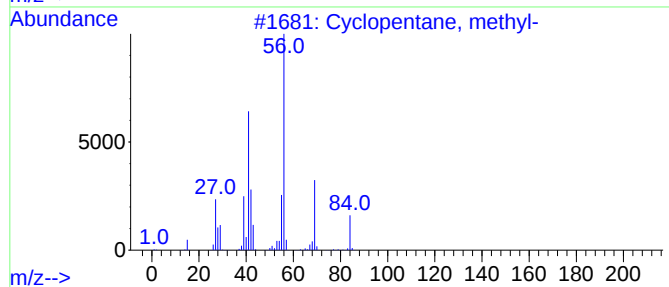
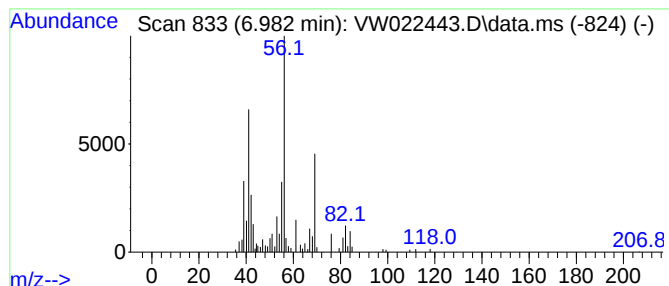
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Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic6.982 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.982	2.09 ug/L	78361	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59
4			Cyclohexane	84	C6H12	000110-82-7	59
5			Cyclohexane	84	C6H12	000110-82-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

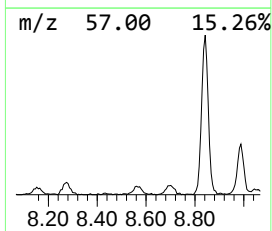
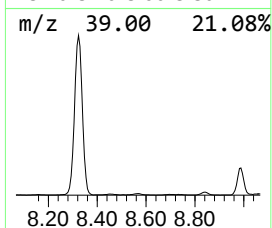
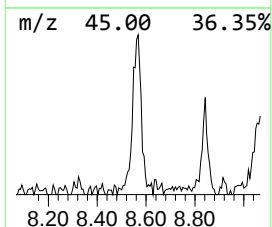
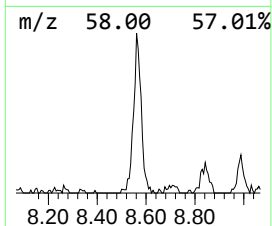
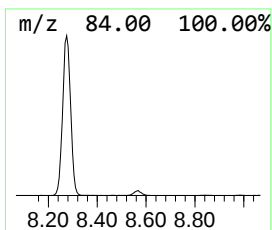
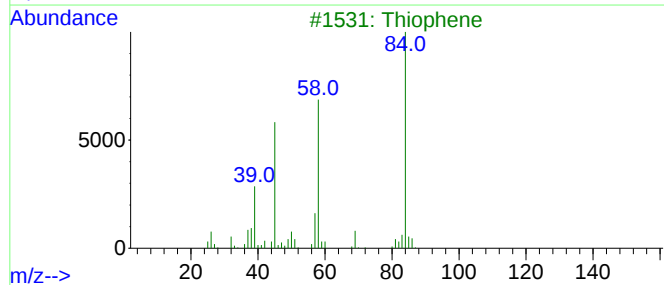
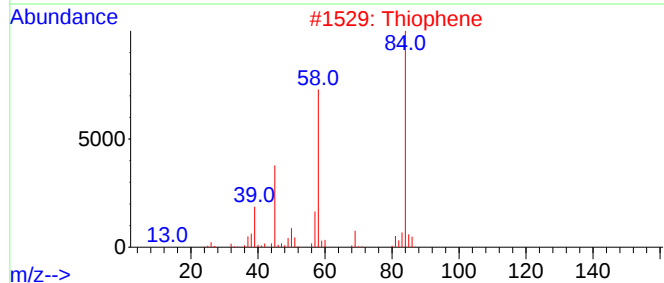
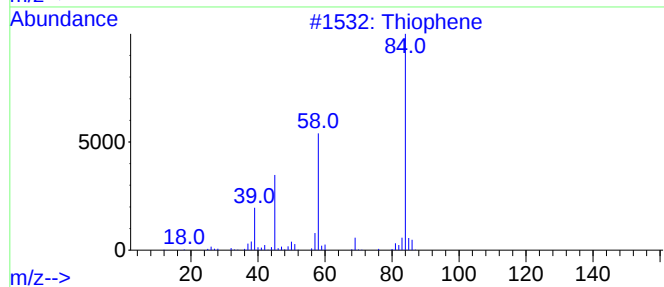
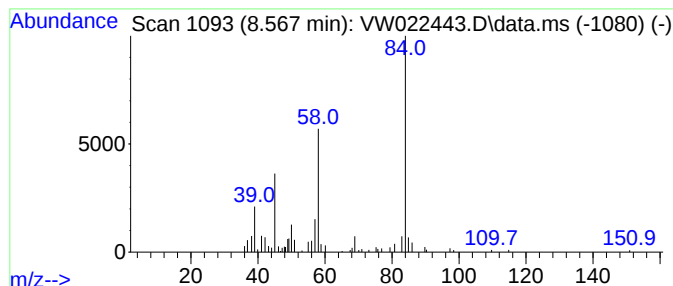
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Quant Title : SFAM01.0

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

Peak Number 5 Thiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.567	1.79 ug/L	67134	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene	84	C4H4S	000110-02-1	87
2			Thiophene	84	C4H4S	000110-02-1	87
3			Thiophene	84	C4H4S	000110-02-1	83
4			Thiophene	84	C4H4S	000110-02-1	80
5			p-Chlorobenzoic acid, 2-[4-[3-[...	465	C16H19Cl4N7O	110045-62-0	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

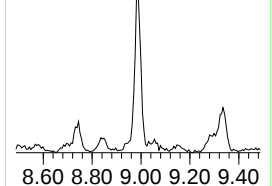
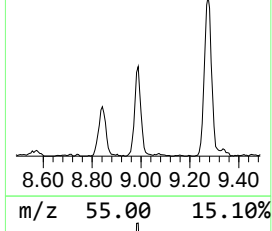
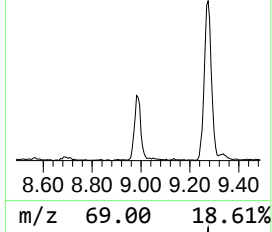
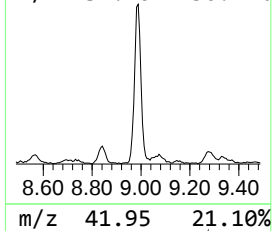
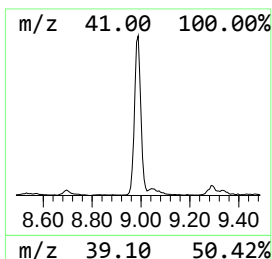
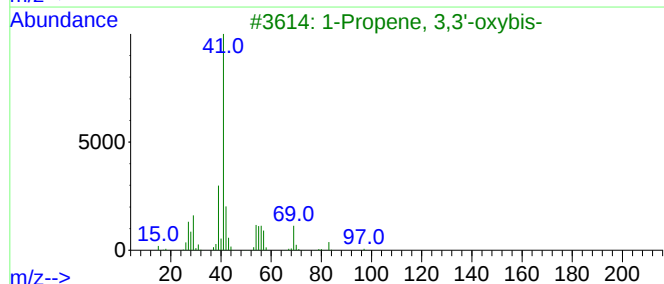
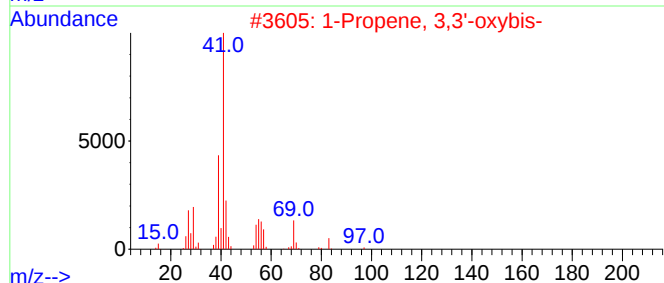
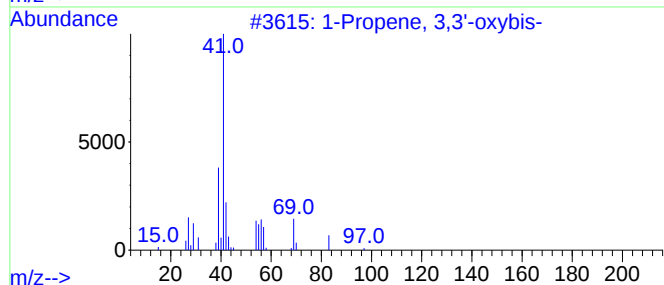
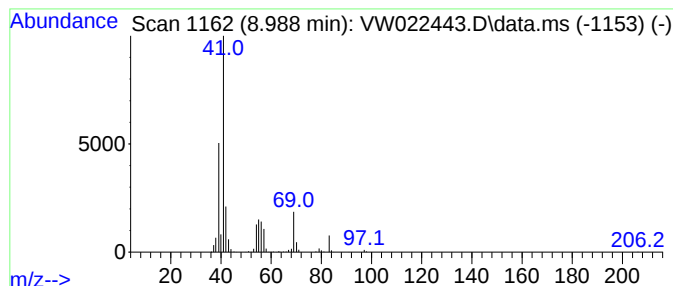
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Quant Title : SFAM01.0

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

Peak Number 6 1-Propene, 3,3'-oxybis- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.988	8.35 ug/L	312692	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propene, 3,3'-oxybis-	98	C6H100	000557-40-4	83
2		1-Propene, 3,3'-oxybis-	98	C6H100	000557-40-4	83
3		1-Propene, 3,3'-oxybis-	98	C6H100	000557-40-4	50
4		1-Propene, 3,3'-oxybis-	98	C6H100	000557-40-4	50
5		(Z)-2-Heptene	98	C7H14	006443-92-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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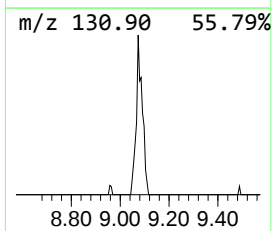
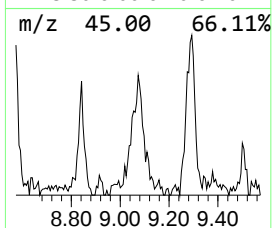
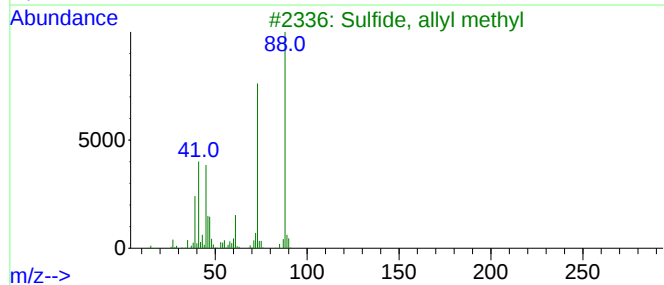
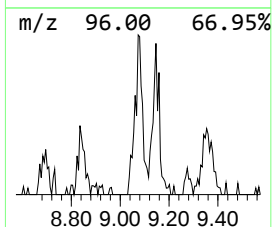
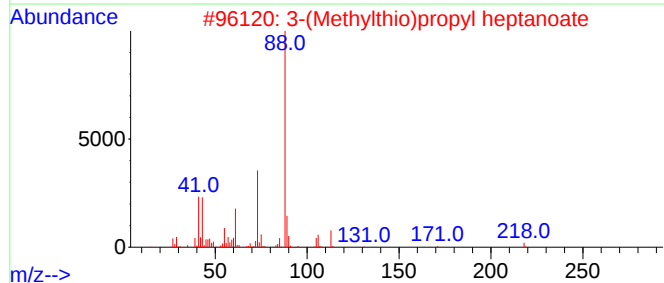
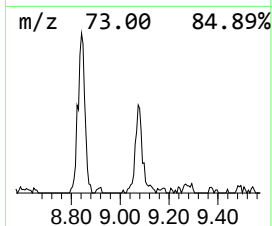
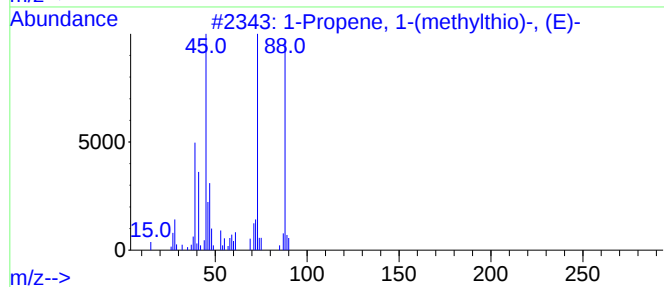
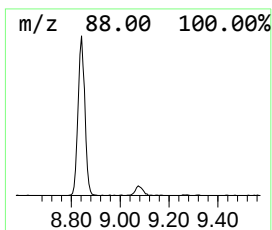
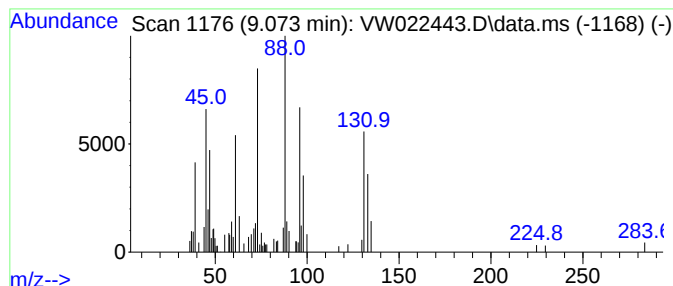
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	1.34 ug/L	50144	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-(methylthio)-, (E)-			88	C4H8S	042848-06-6	35
2	3-(Methylthio)propyl heptanoate			218	C11H22O2S	1000367-12-1	22
3	Sulfide, allyl methyl			88	C4H8S	010152-76-8	18
4	Sulfide, allyl methyl			88	C4H8S	010152-76-8	14
5	3(2H)-Pyridazinone			96	C4H4N2O	000504-30-3	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

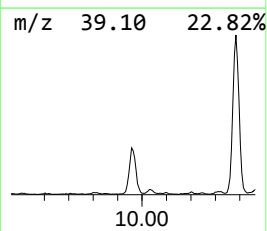
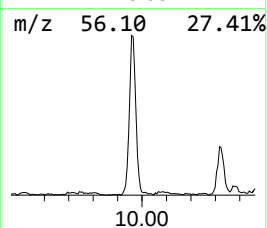
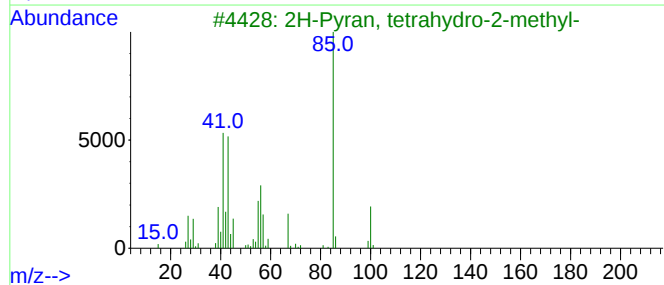
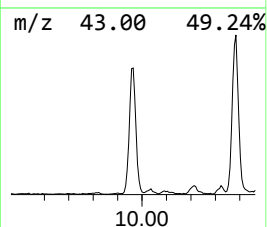
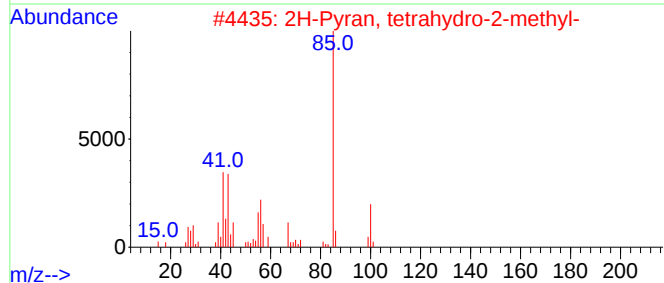
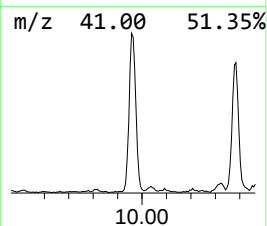
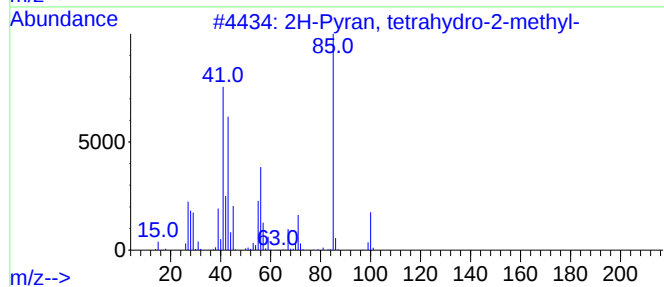
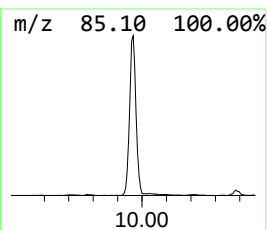
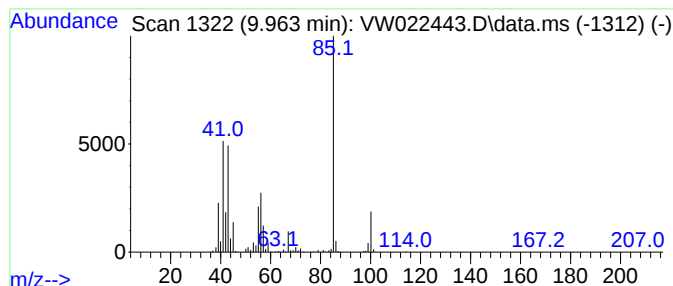
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Quant Title : SFAM01.0

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

Peak Number 8 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	13.73 ug/L	513865	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91	
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	91	
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	87	
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	83	
5	Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	64	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

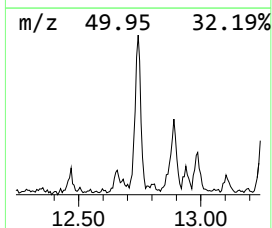
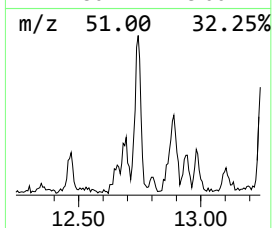
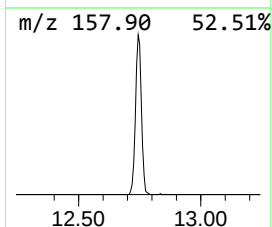
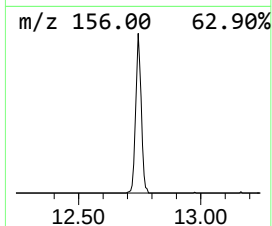
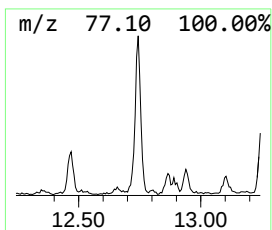
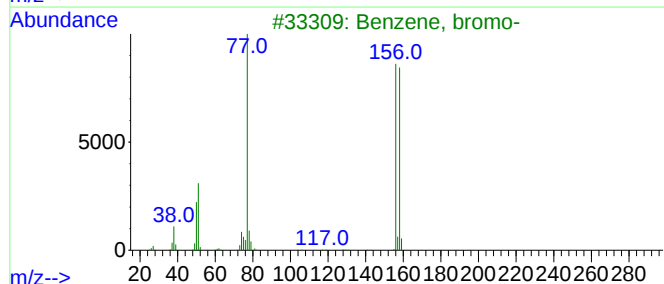
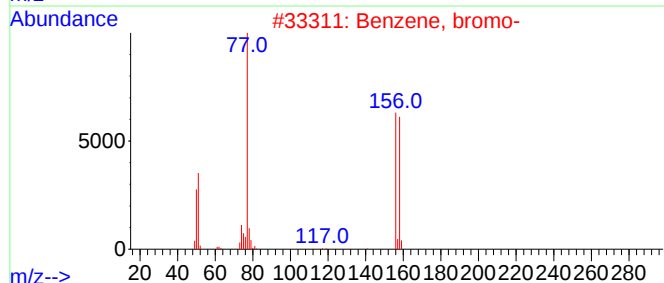
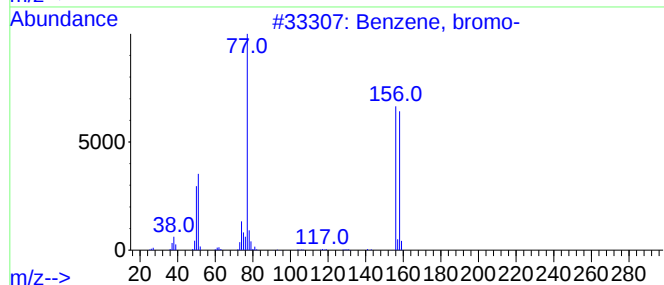
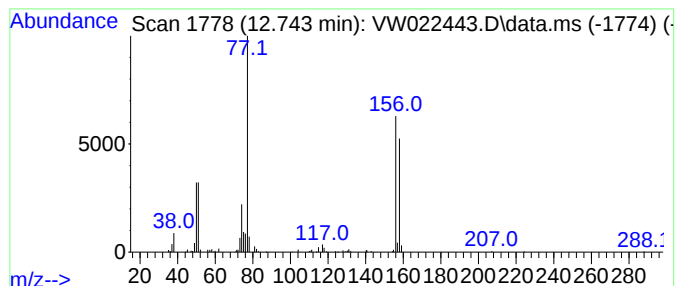
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, bromo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.743	2.13 ug/L	125139	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, bromo-	156	C6H5Br	000108-86-1	90
2			Benzene, bromo-	156	C6H5Br	000108-86-1	90
3			Benzene, bromo-	156	C6H5Br	000108-86-1	87
4			Benzene, bromo-	156	C6H5Br	000108-86-1	87
5			Benzene, bromo-	156	C6H5Br	000108-86-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

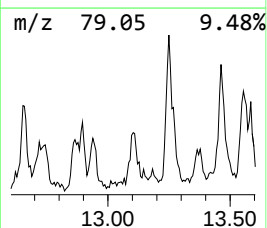
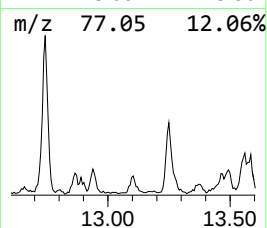
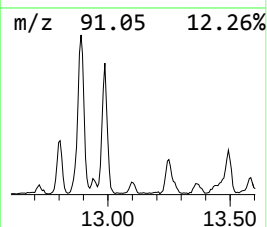
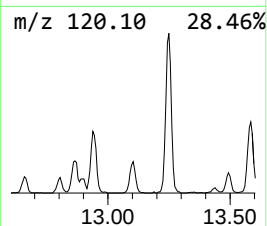
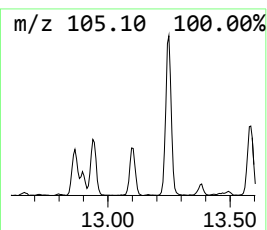
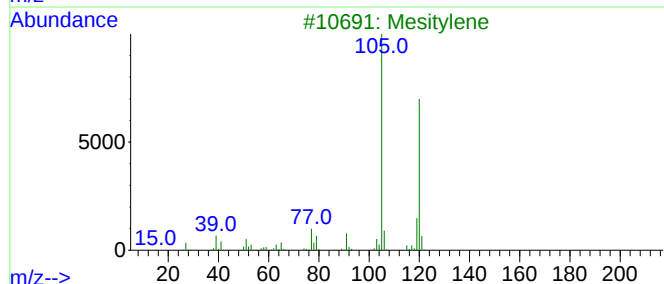
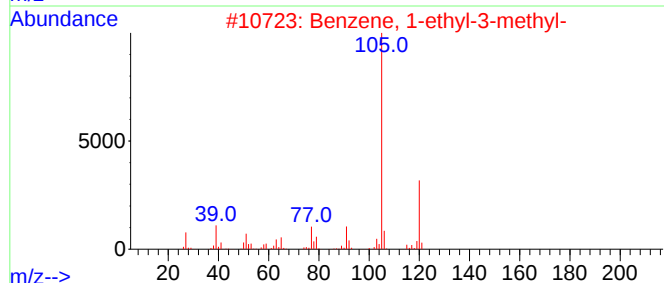
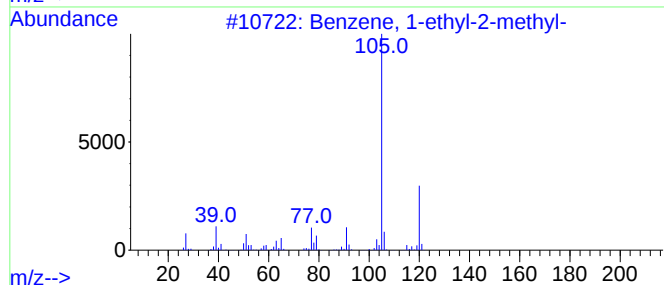
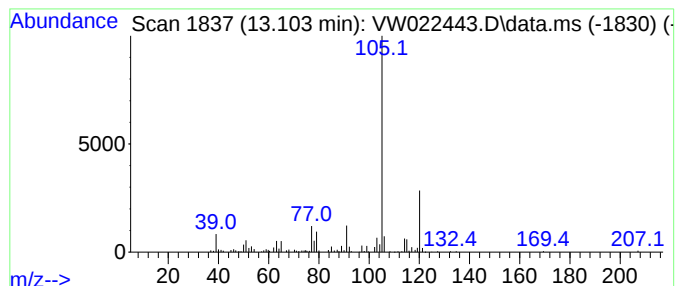
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	1.84 ug/L	108409	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3			Mesitylene	120	C9H12	000108-67-8	90
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

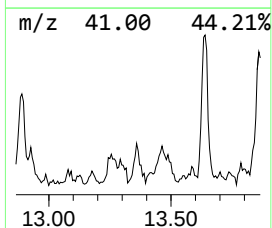
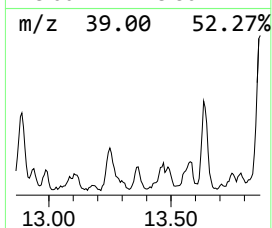
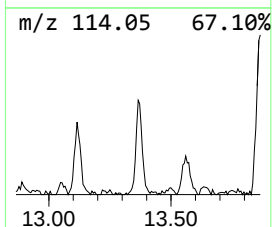
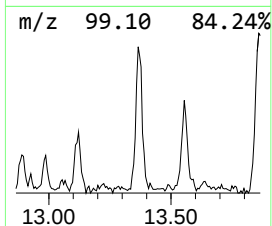
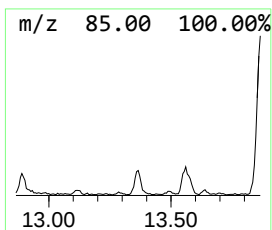
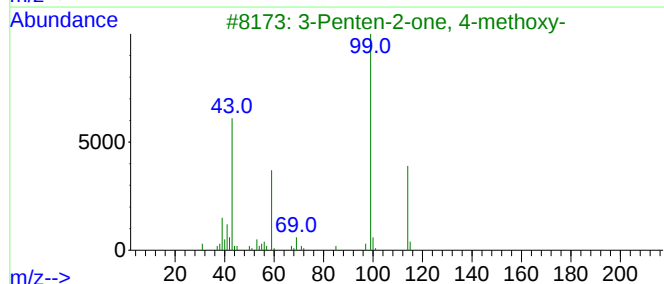
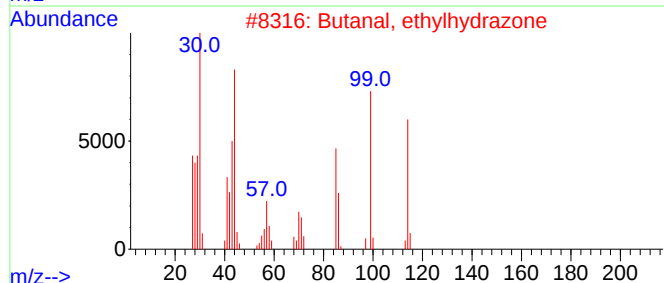
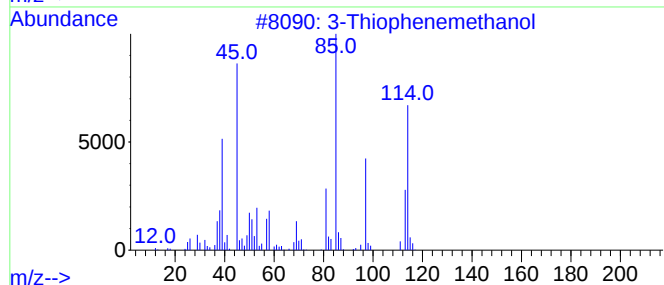
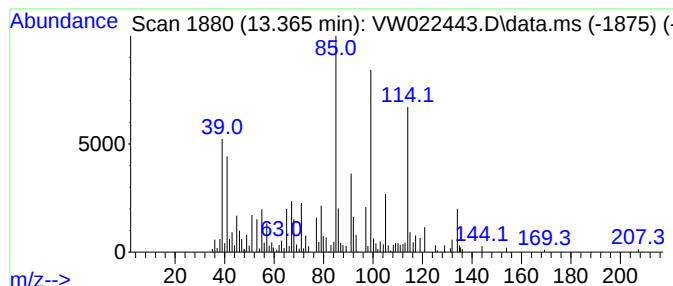
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Quant Title : SFAM01.0

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

Peak Number 12 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.365	1.48 ug/L	87259	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Thiophenemethanol	114	C5H6OS	071637-34-8	38
2			Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	38
3			3-Penten-2-one, 4-methoxy-	114	C6H10O2	002845-83-2	30
4			Propanal, 2-methyl-, ethylhydrazone	114	C6H14N2	020607-77-6	27
5			2-Methoxythiophene	114	C5H6OS	016839-97-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

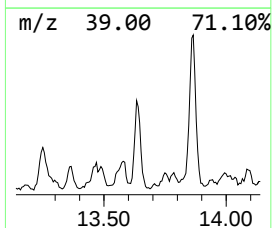
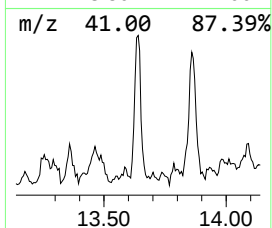
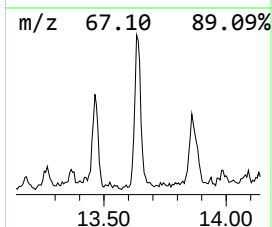
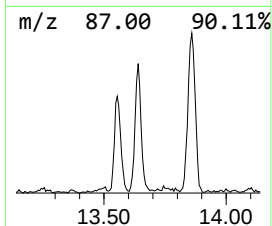
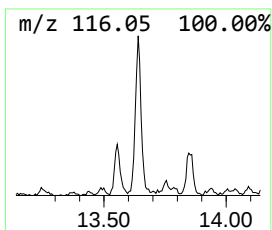
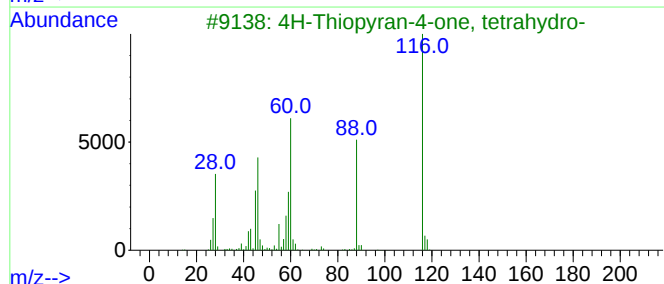
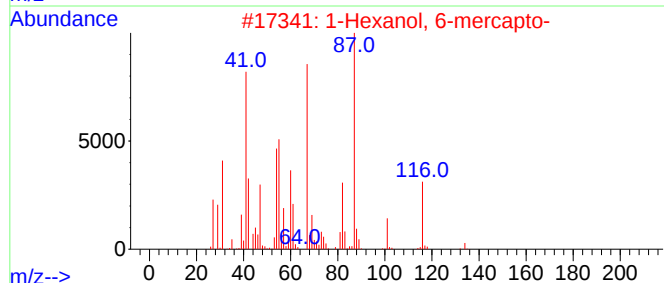
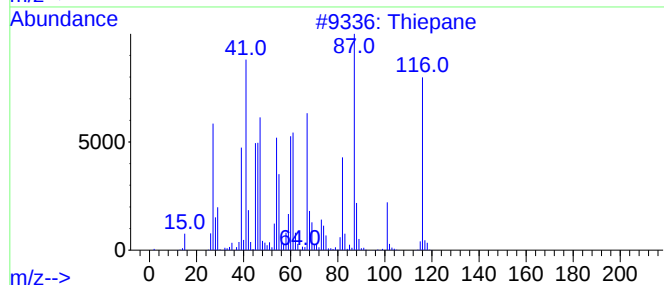
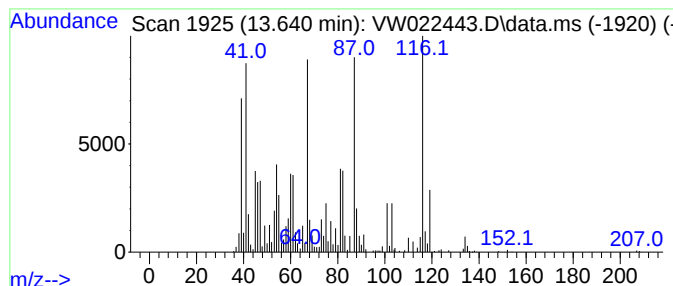
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Quant Title : SFAM01.0

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

Peak Number 13 Thiepane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.640	4.95 ug/L	291244	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiepane	116	C6H12S	004753-80-4	93
2			1-Hexanol, 6-mercapto-	134	C6H14OS	001633-78-9	43
3			4H-Thiopyran-4-one, tetrahydro-	116	C5H8OS	001072-72-6	18
4			4-Imidazolidinone, 2-thioxo-	116	C3H4N2OS	000503-87-7	14
5			Hydrazine, 1,2-dipropyl-	116	C6H16N2	001615-83-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

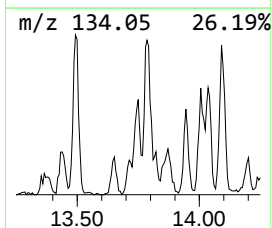
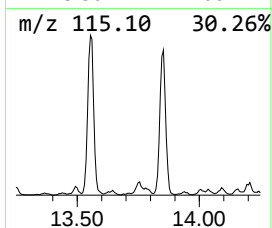
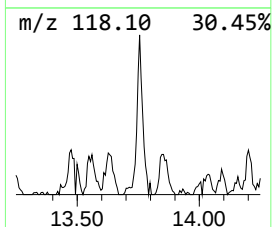
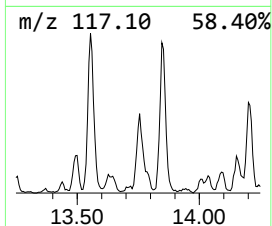
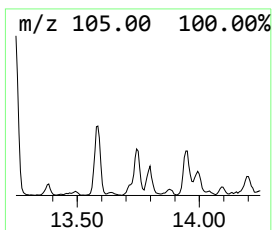
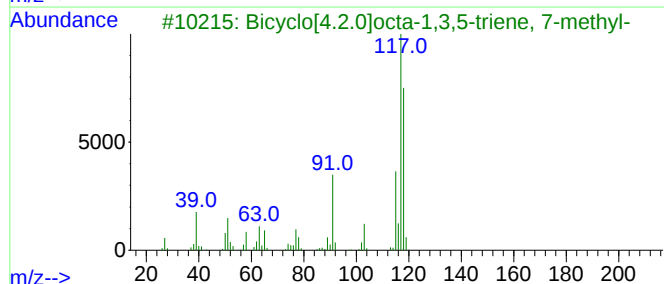
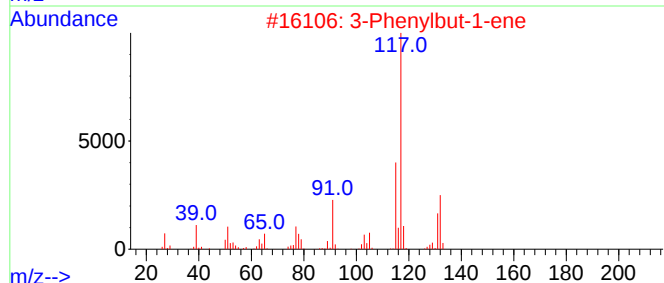
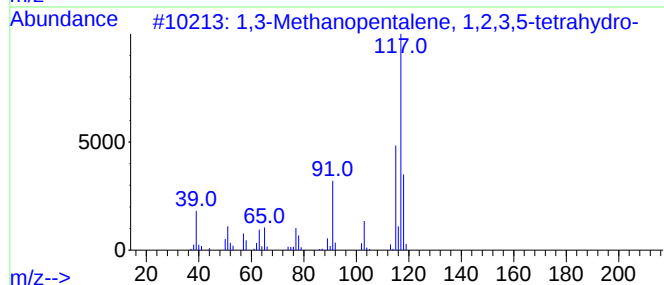
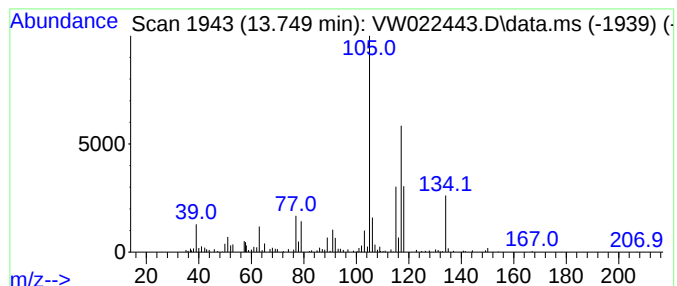
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.749	1.44 ug/L	84382	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	43
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	43
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	43
4			Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	35
5			Indane	118	C9H10	000496-11-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

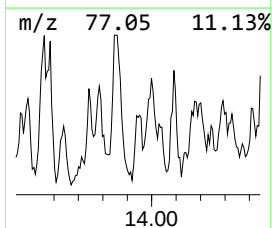
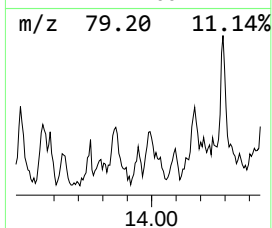
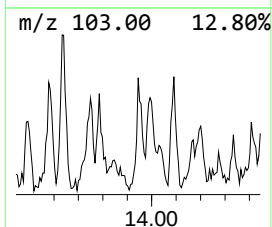
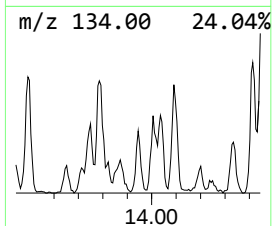
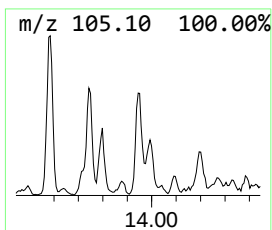
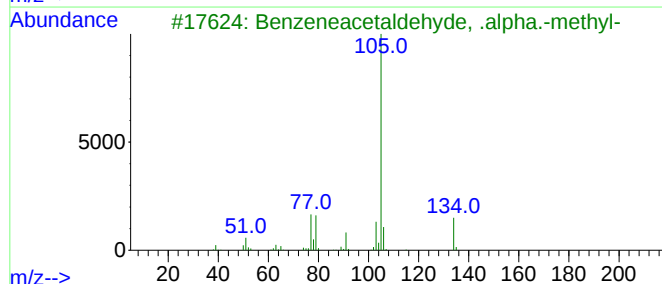
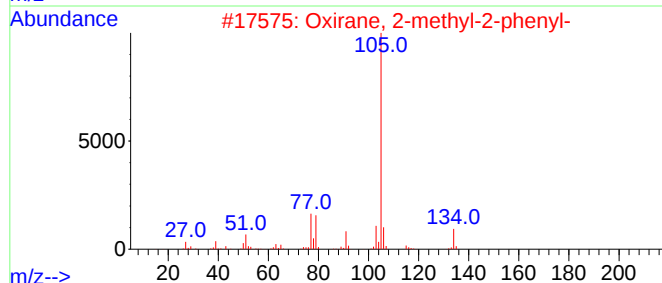
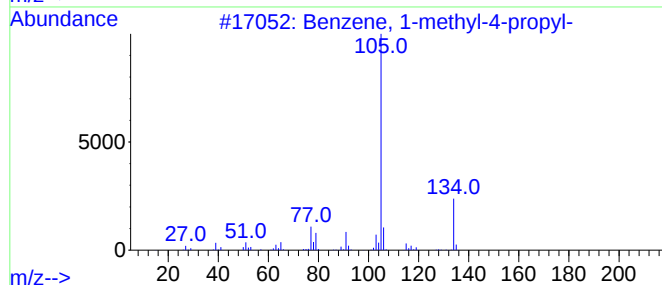
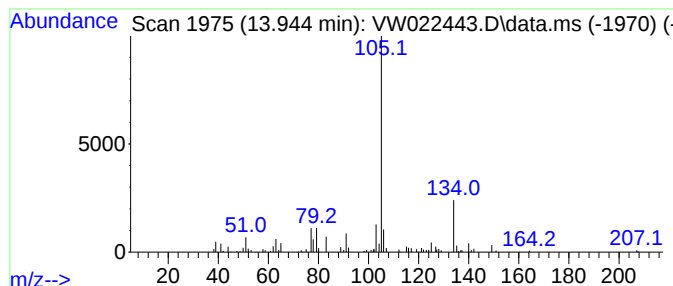
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Quant Title : SFAM01.0

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

Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	1.33 ug/L	78181	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2			Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5			2-Tolylloxirane	134	C9H10O	002783-26-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

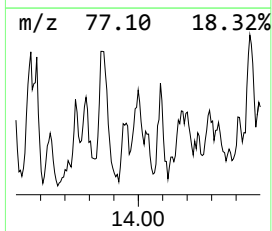
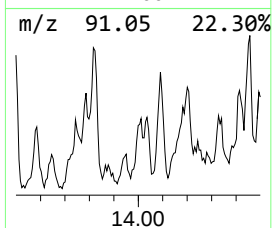
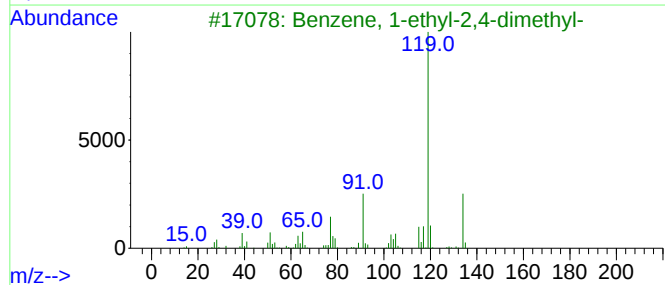
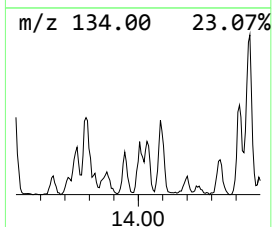
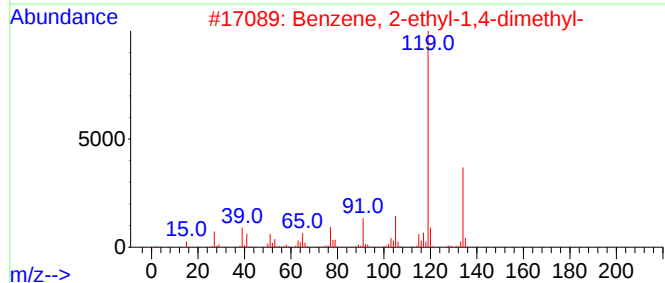
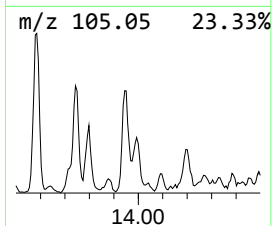
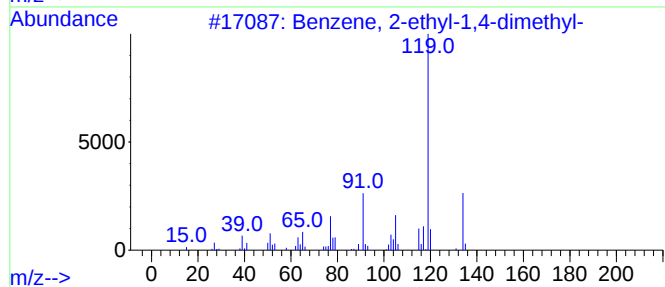
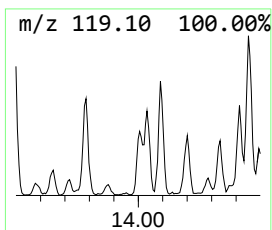
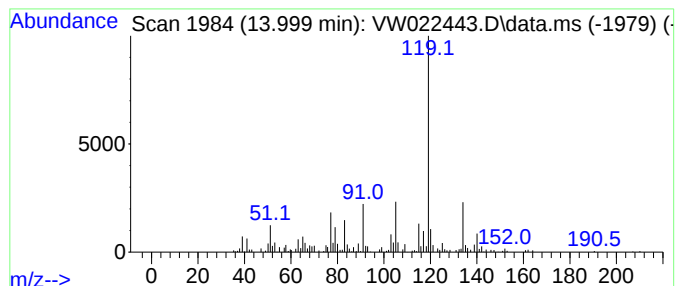
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	1.83 ug/L	107477	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

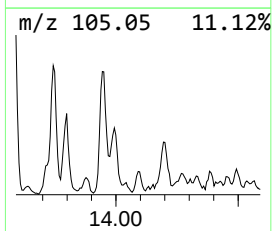
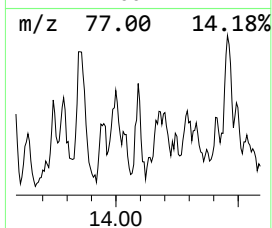
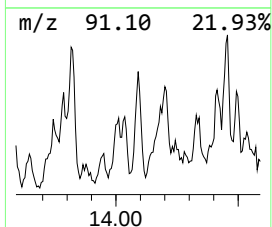
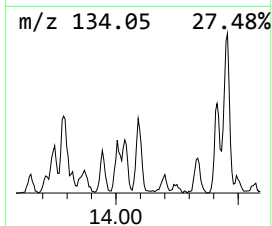
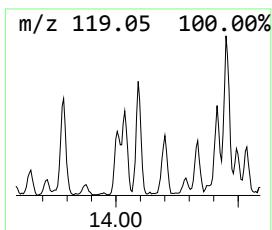
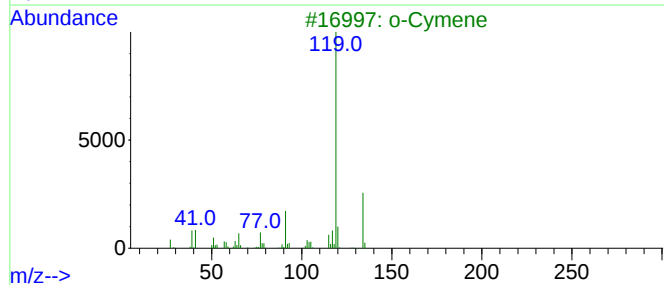
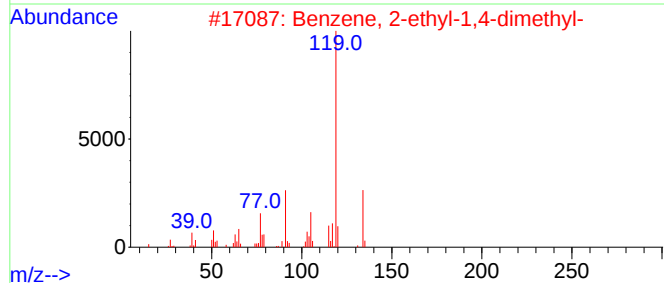
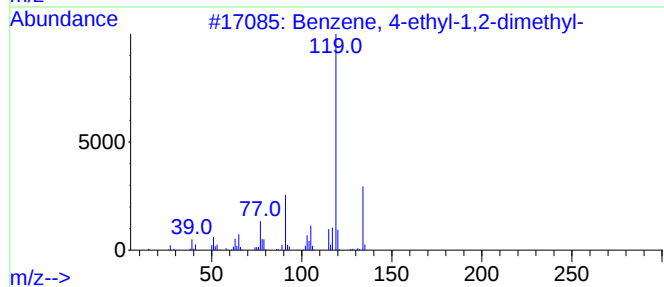
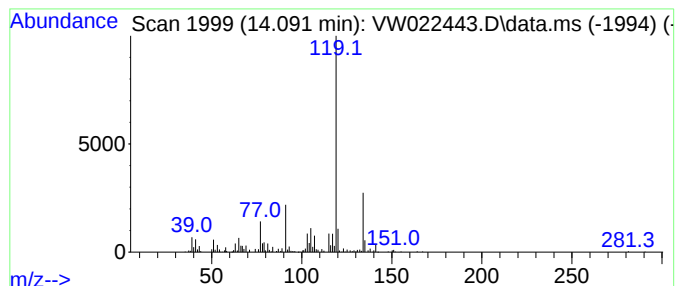
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Quant Title : SFAM01.0

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

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	2.52 ug/L	148026	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			o-Cymene	134	C10H14	000527-84-4	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

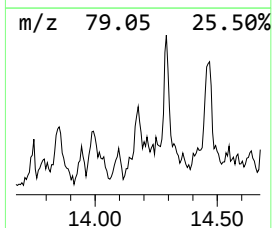
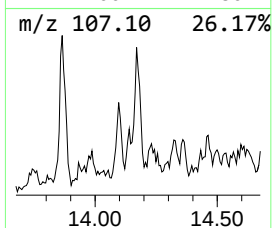
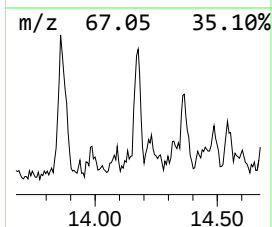
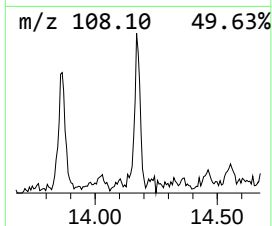
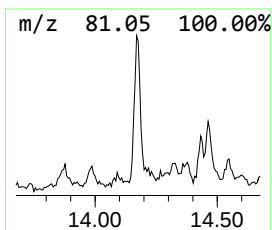
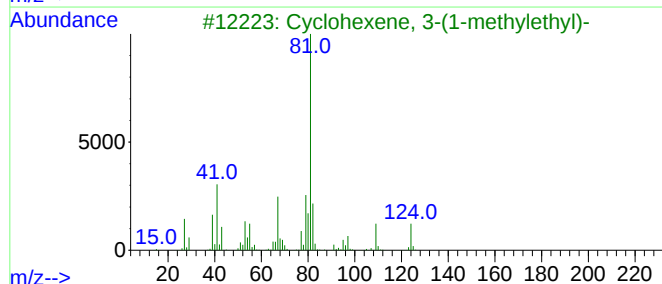
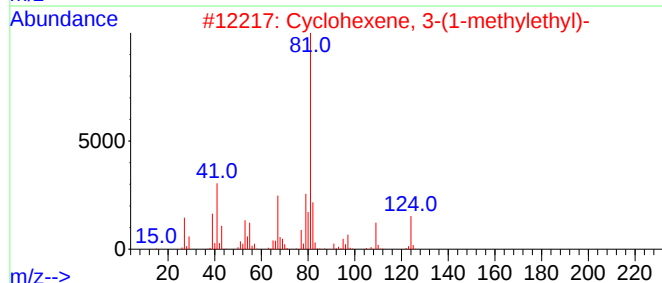
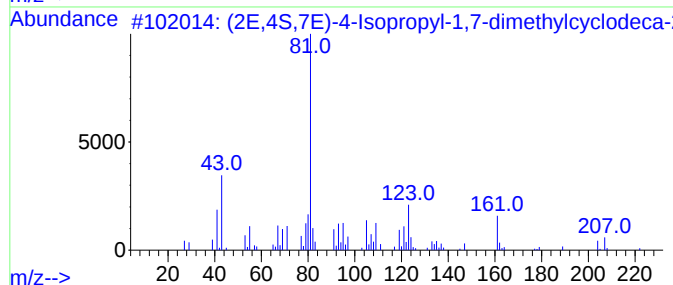
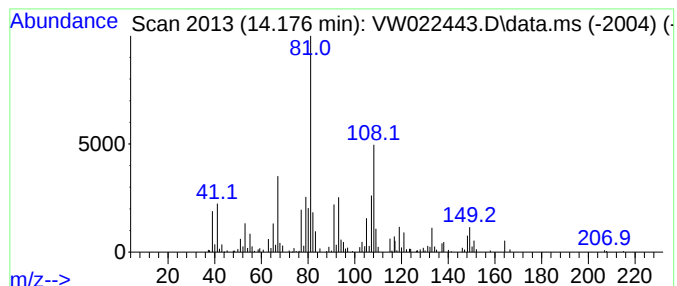
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.176	3.00 ug/L	176143	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2E,4S,7E)-4-Isopropyl-1,7-dimet...	222	C15H26O	198991-79-6	38
2			Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	38
3			Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	38
4			cis-4-Hydroxycyclohexanecarboxyl...	354	C12H13F7O4	1000384-15-9	37
5			Cyclohexanol, 4-sec-butyl-	156	C10H20O	006292-20-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

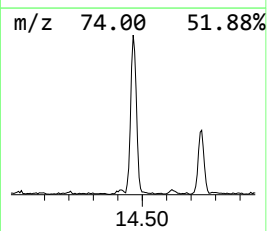
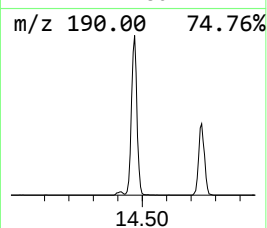
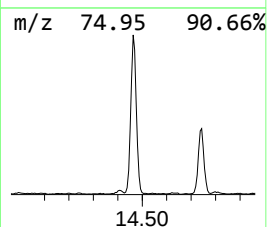
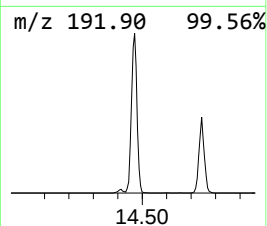
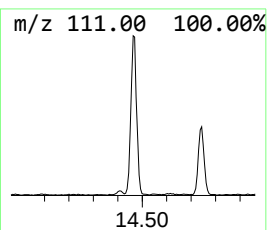
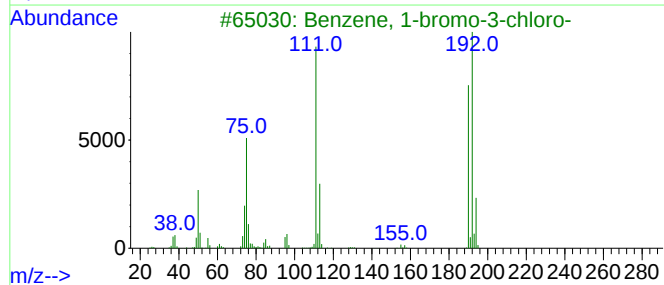
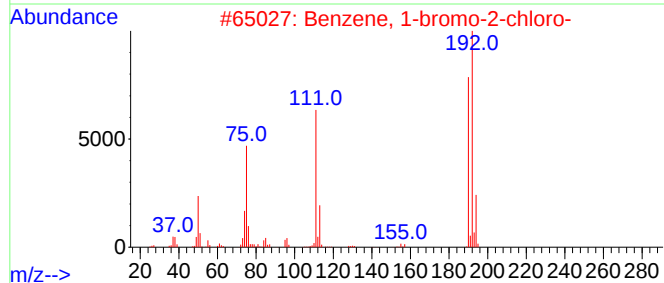
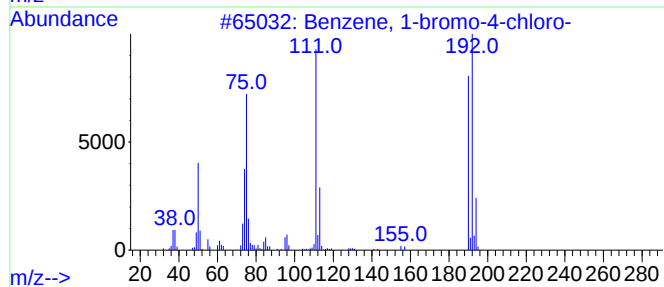
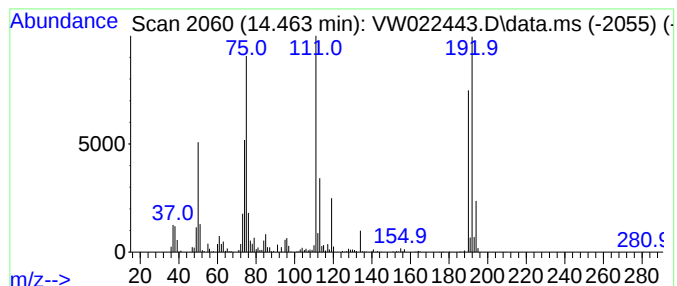
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Quant Title : SFAM01.0

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

Peak Number 19 Benzene, 1-bromo-4-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.463	16.39 ug/L	963775	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	99
2			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
5			4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

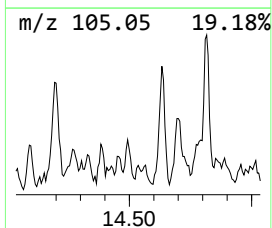
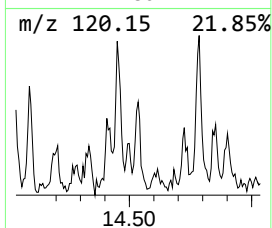
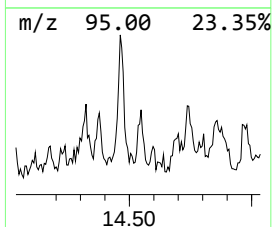
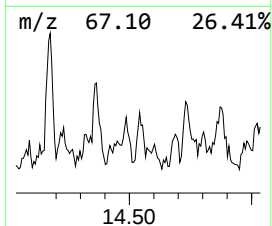
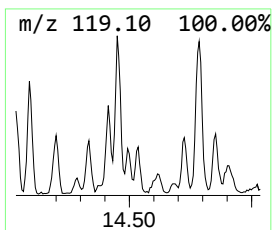
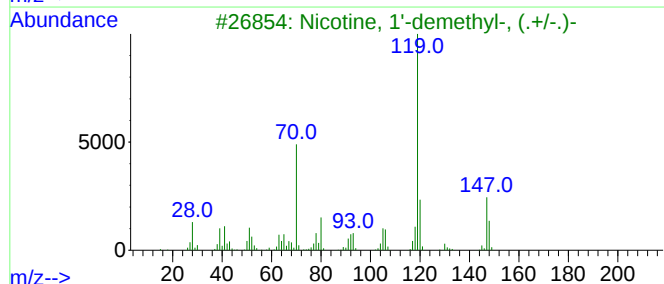
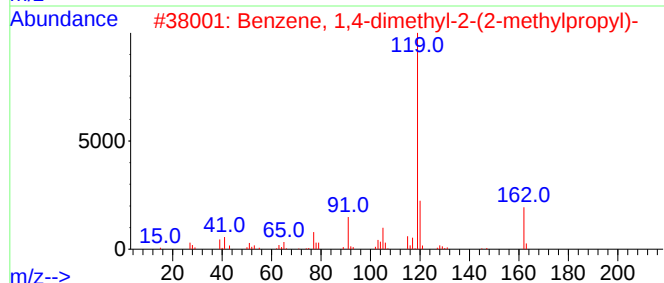
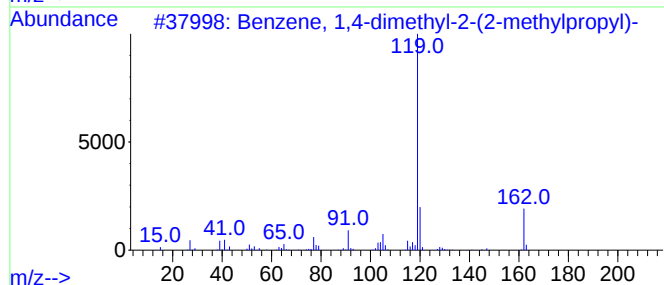
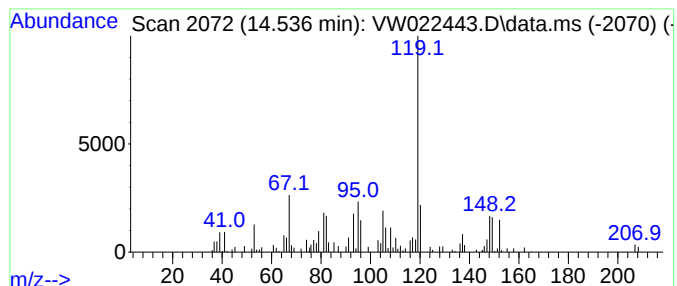
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MSVOA_W
ClientSampleId :
ETNN8

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Quant Title : SFAM01.0

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

Peak Number 20 unknown-05 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.536	1.43 ug/L	84085	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...		162	C12H18	055669-88-0	43
2	Benzene, 1,4-dimethyl-2-(2-methy...		162	C12H18	055669-88-0	43
3	Nicotine, 1'-demethyl-, (.+/-.)-		148	C9H12N2	005746-86-1	40
4	Nicotine, 1'-demethyl-, (.+/-.)-		148	C9H12N2	005746-86-1	40
5	2,4-Dimethylphenethyl alcohol		150	C10H14O	006597-59-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

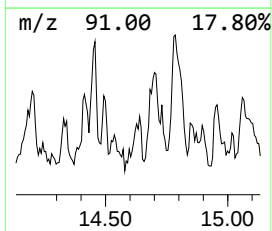
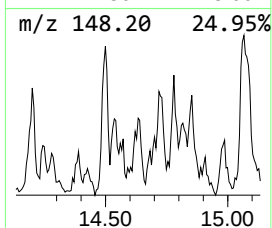
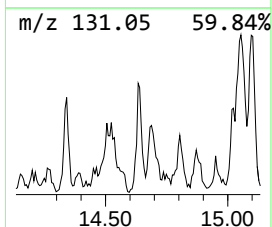
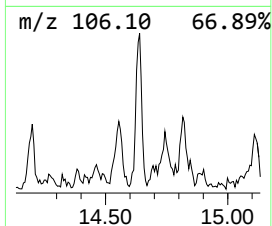
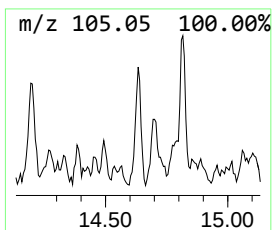
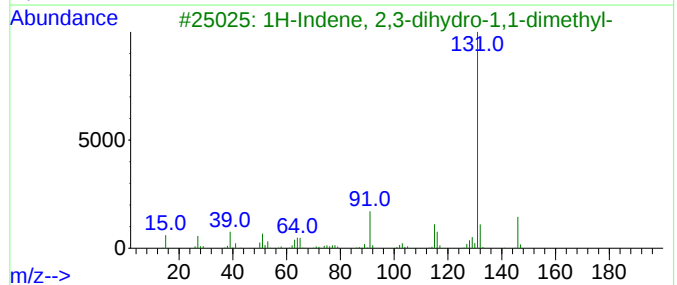
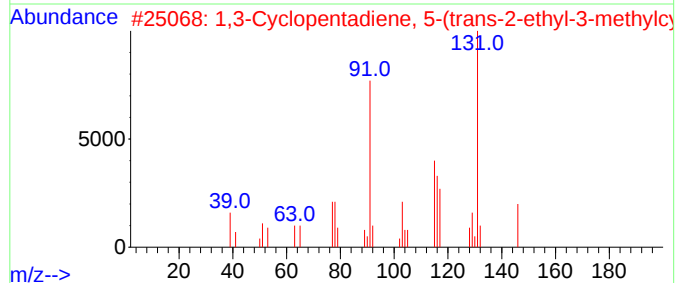
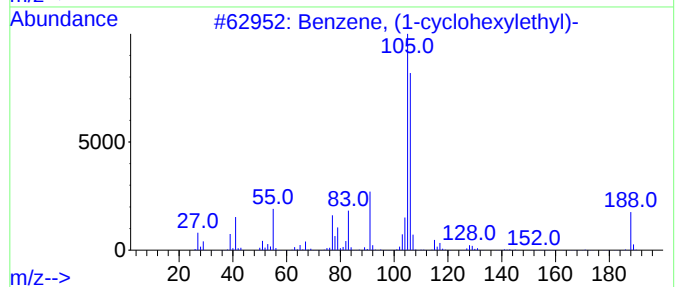
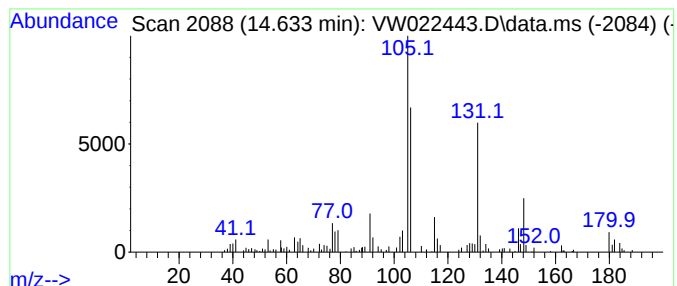
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-06 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	1.34 ug/L	78950	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	27
2			1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	25
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	18
4			Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	18
5			1H-Indole, 7-methyl-	131	C9H9N	000933-67-5	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

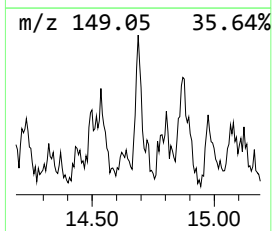
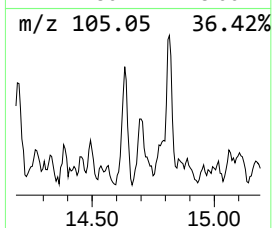
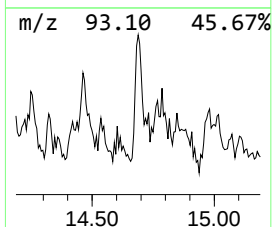
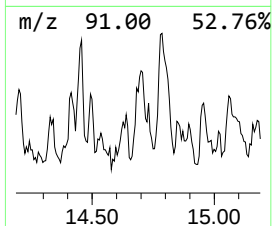
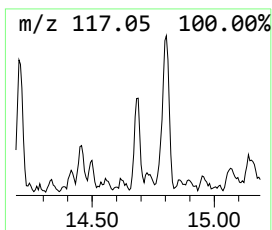
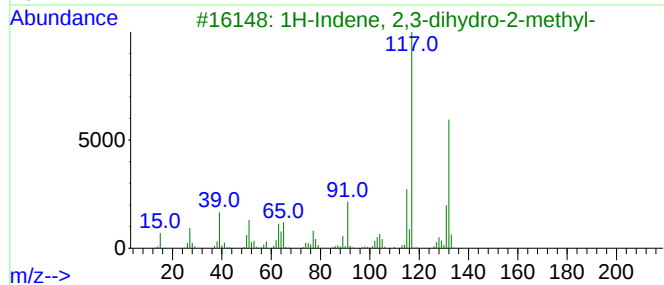
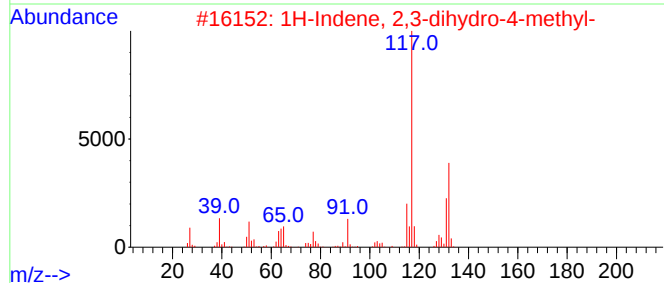
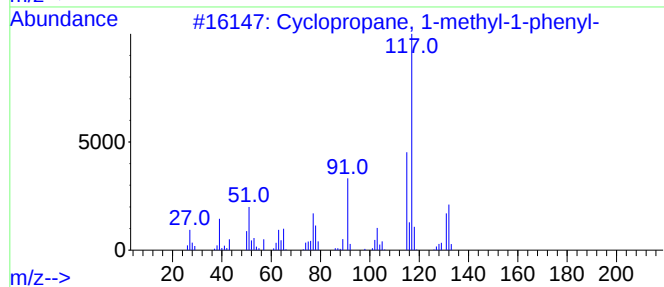
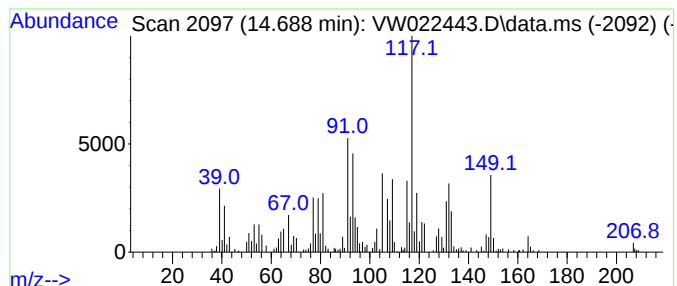
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Quant Title : SFAM01.0

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

Peak Number 22 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.688	2.11 ug/L	123927	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	46
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46
3		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	42
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	42
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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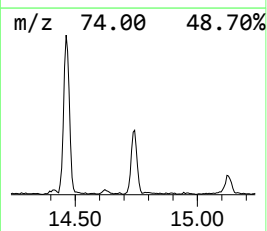
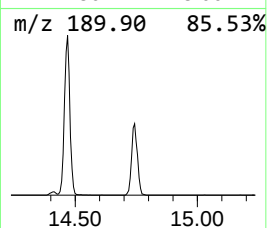
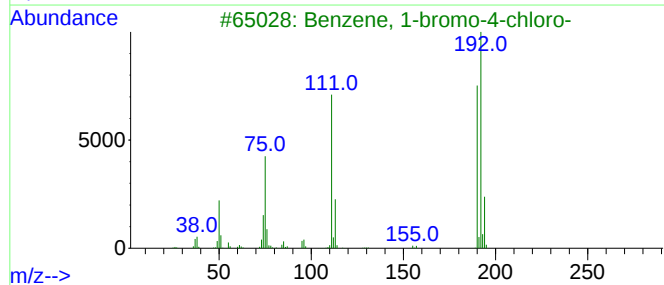
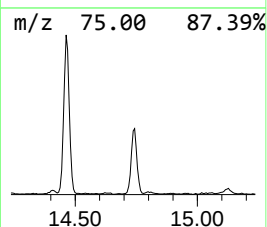
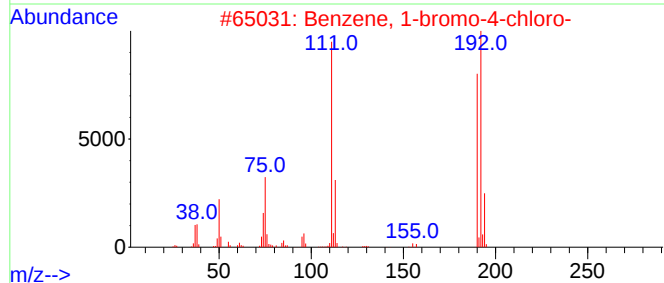
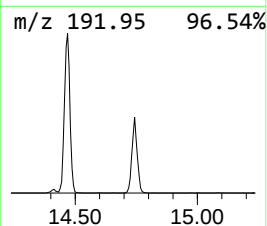
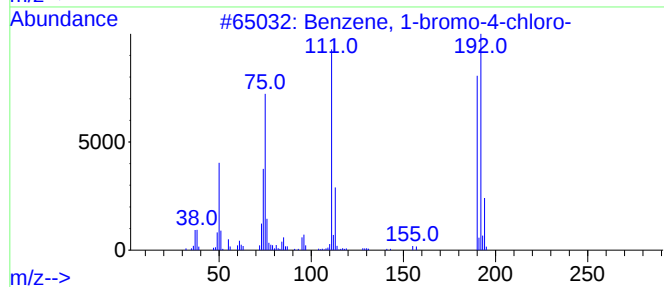
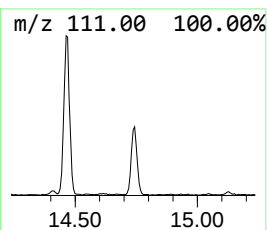
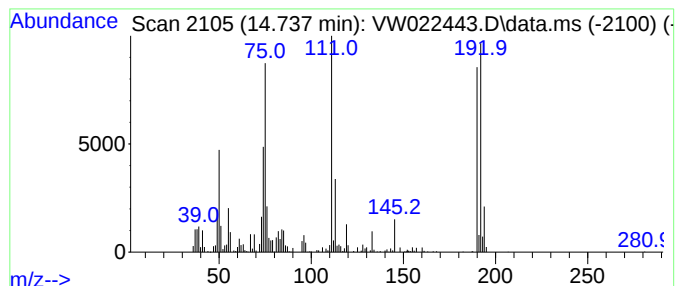
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.737	6.73 ug/L	395697	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
2			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
3			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
4			Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	93
5			4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

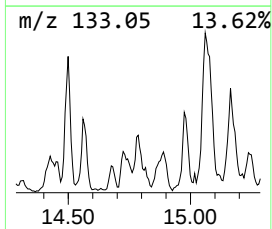
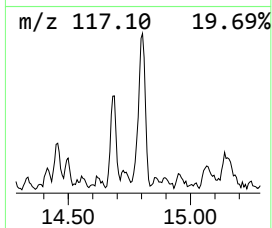
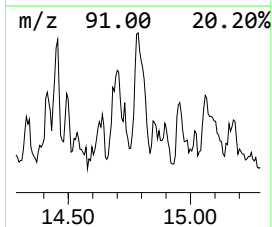
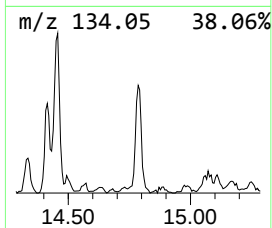
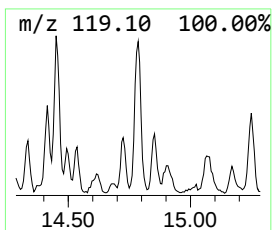
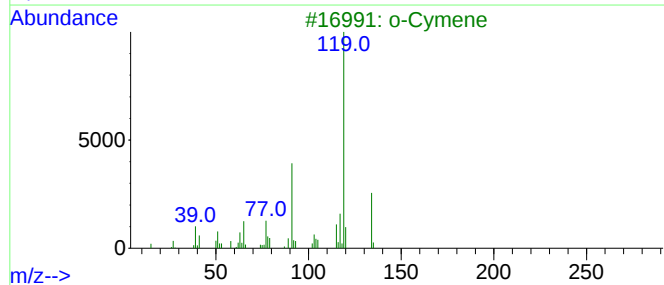
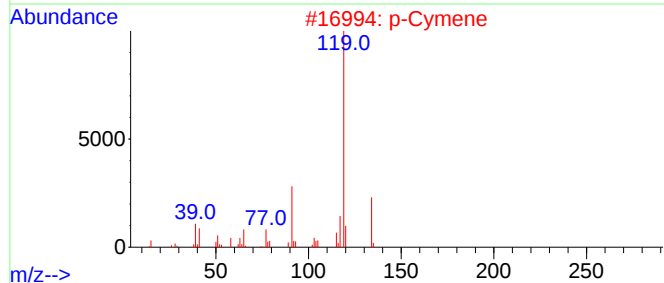
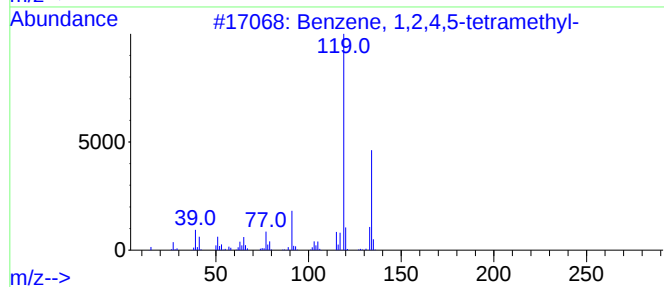
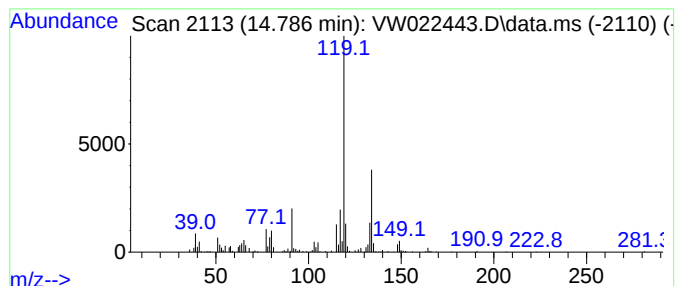
Instrument :
MSVOA_W
ClientSampleId :
ETNN8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.786	4.12 ug/L	242257	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	93
2	p-Cymene		134	C10H14	000099-87-6	81
3	o-Cymene		134	C10H14	000527-84-4	76
4	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	76
5	Benzene, 1-ethyl-2,4-dimethyl-		134	C10H14	000874-41-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

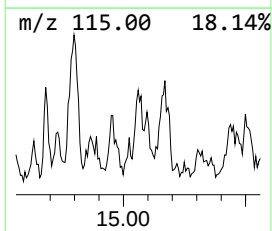
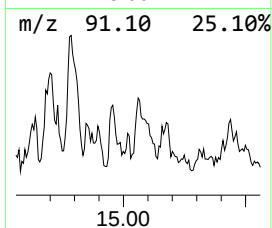
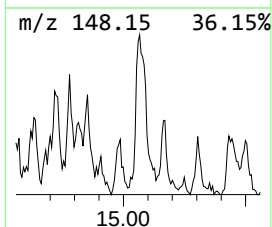
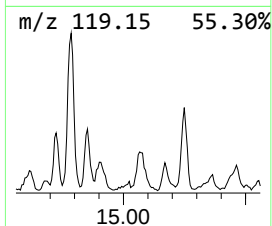
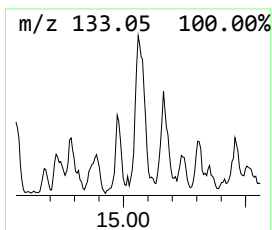
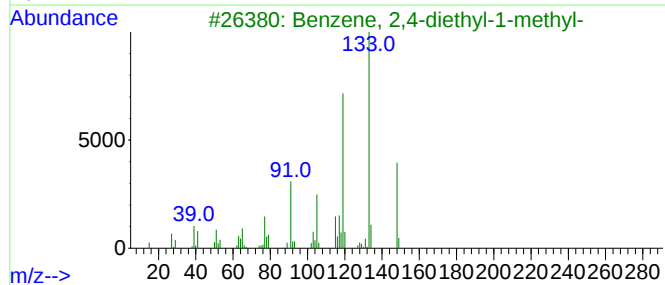
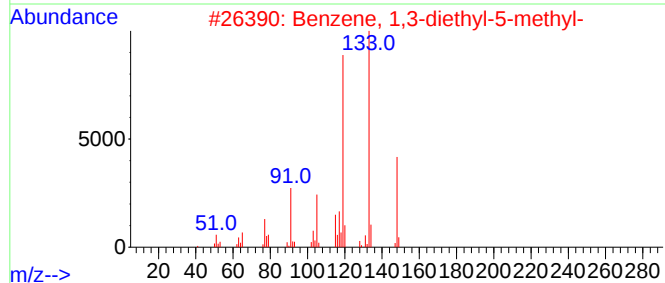
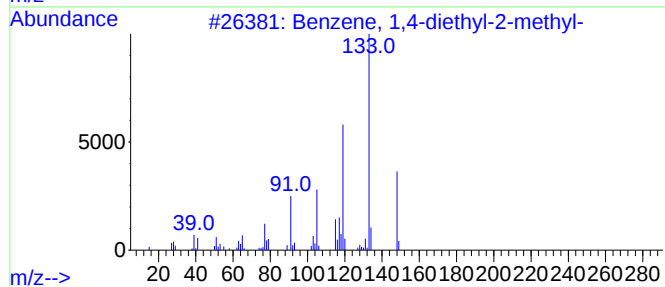
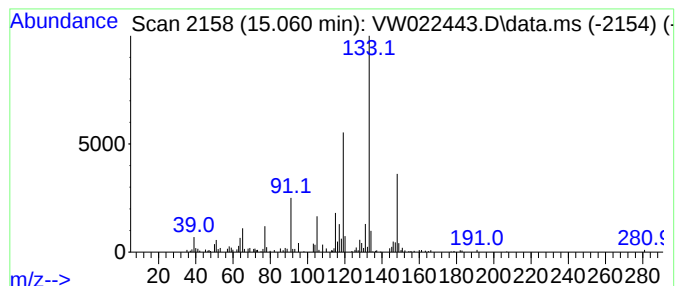
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.060	2.23 ug/L	131084	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	93
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	91
3			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	91
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	76
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

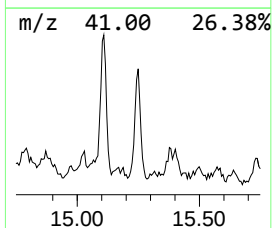
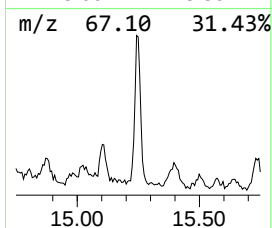
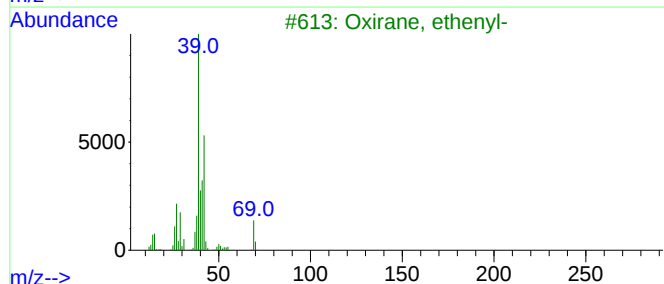
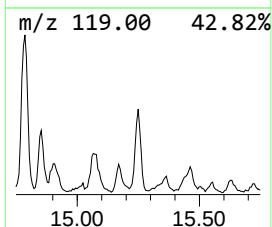
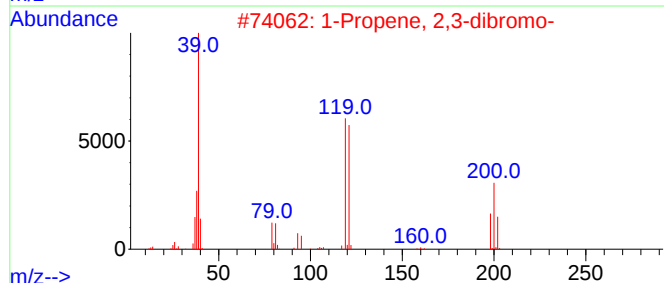
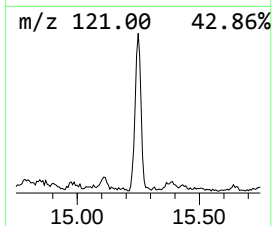
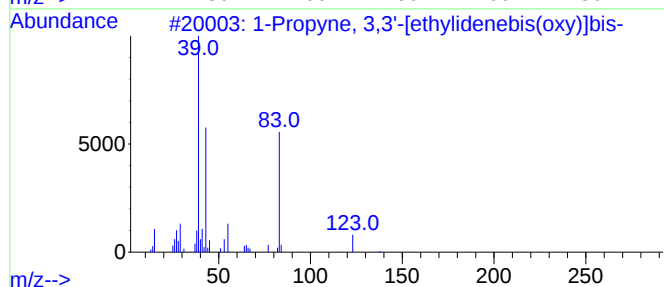
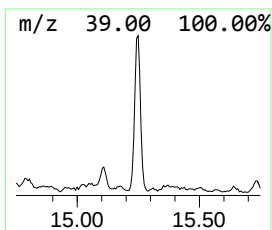
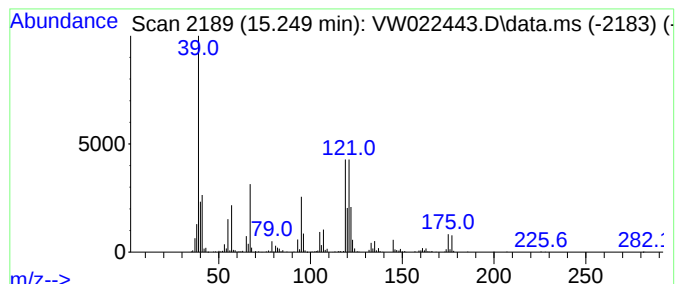
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Quant Title : SFAM01.0

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

Peak Number 26 1-Propyne, 3,3'-[ethylidene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	6.25 ug/L	367298	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propyne, 3,3'-[ethylidenebis(o...	138	C8H10O2	002188-15-0	50
2			1-Propene, 2,3-dibromo-	198	C3H4Br2	000513-31-5	39
3			Oxirane, ethenyl-	70	C4H6O	000930-22-3	33
4			Ethanol, 2-(2-propynyloxy)-	100	C5H8O2	003973-18-0	9
5			Furan-2-carbohydrazone, N2-(1-me...	222	C12H18N2O2	1000263-13-0	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

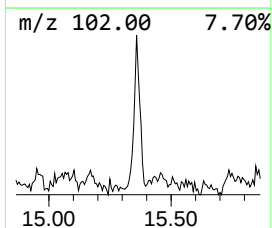
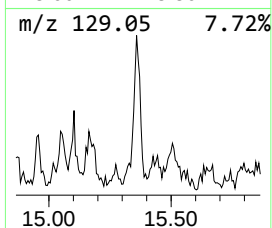
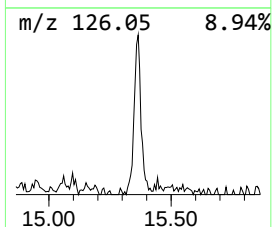
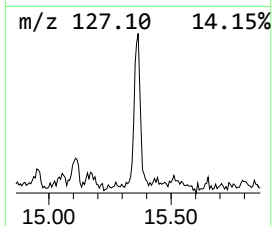
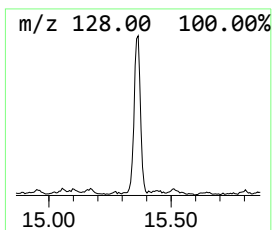
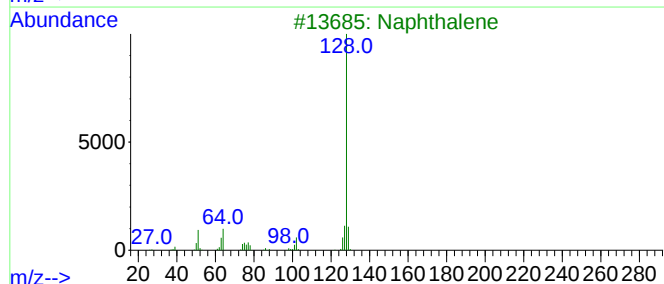
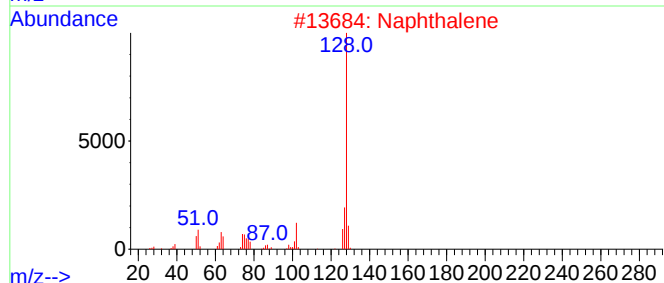
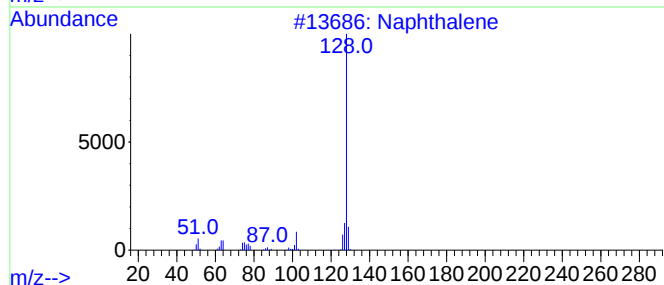
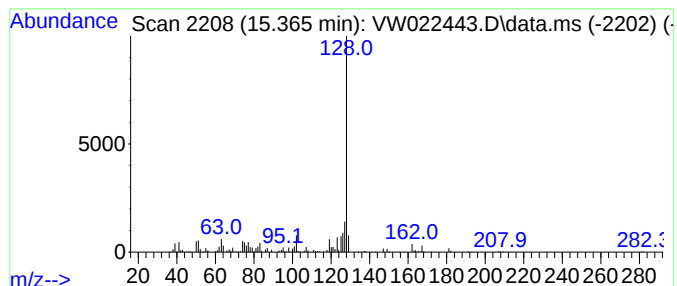
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Quant Title : SFAM01.0

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

Peak Number 27 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	3.54 ug/L	207937	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	81
2			Naphthalene	128	C10H8	000091-20-3	81
3			Naphthalene	128	C10H8	000091-20-3	81
4			Azulene	128	C10H8	000275-51-4	81
5			Azulene	128	C10H8	000275-51-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

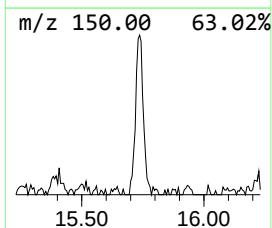
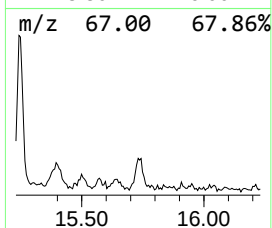
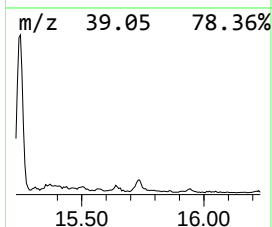
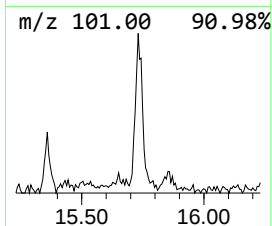
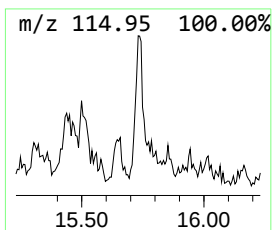
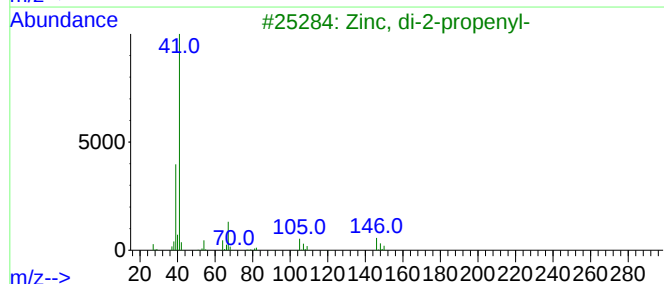
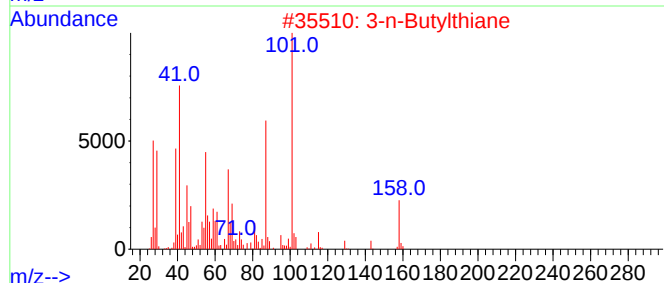
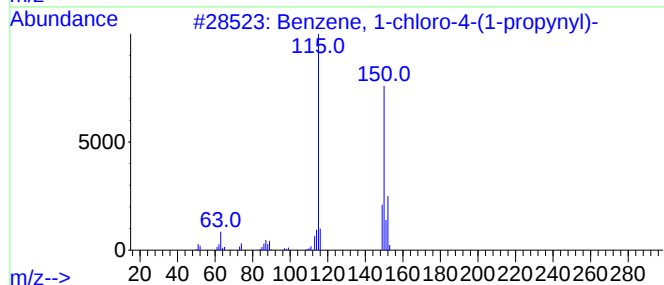
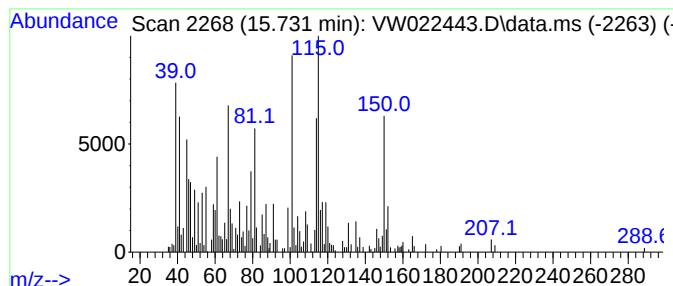
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Quant Title : SFAM01.0

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

Peak Number 28 unknown-08 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	2.06 ug/L	121033	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-4-(1-propynyl)-	150	C9H7Cl	002809-65-6	41
2			3-n-Butylthiane	158	C9H18S	018437-87-1	32
3			Zinc, di-2-propenyl-	146	C6H10Zn	001802-55-7	27
4			3-Hexenoic acid, (E)-	114	C6H10O2	001577-18-0	25
5			2,5-Anhydro-1,3,4,6-tetra-O-meth...	220	C10H20O5	081847-59-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

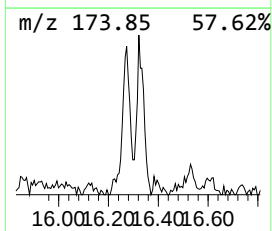
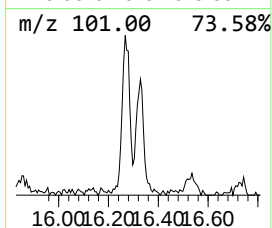
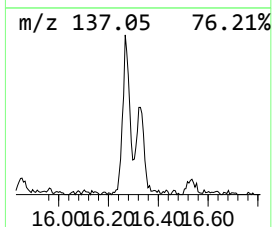
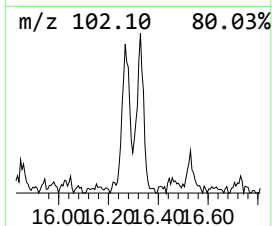
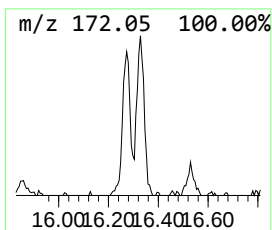
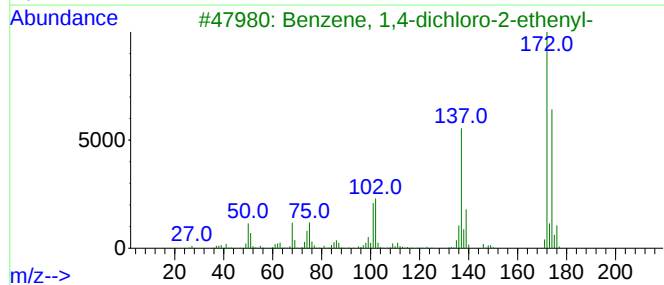
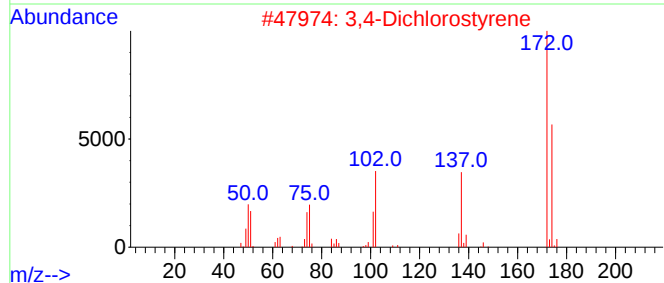
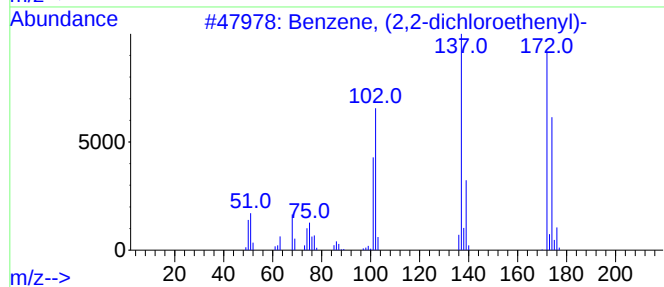
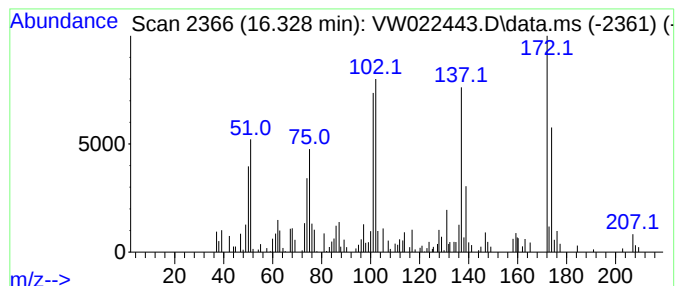
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Quant Title : SFAM01.0

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

Peak Number 29 Benzene, (2,2-dichloroethen... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.328	1.69 ug/L	99322	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2,2-dichloroethenyl)-	172	C8H6Cl2	000698-88-4	91
2			3,4-Dichlorostyrene	172	C8H6Cl2	002039-83-0	89
3			Benzene, 1,4-dichloro-2-ethenyl-	172	C8H6Cl2	001123-84-8	78
4			Succinic acid, di(2,4-dichloroph...	462	C20H18Cl4O4	1010381-60-1	72
5			1-Chloro-4-(2-chloroethenyl)benzene	172	C8H6Cl2	1010305-36-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
Data File : VW022443.D
Acq On : 07 Apr 2022 19:44
Operator : SY/VA
Sample : N2293-08
Misc : 6.78g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETNN8

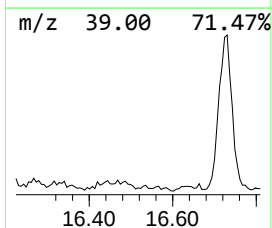
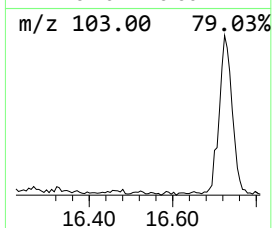
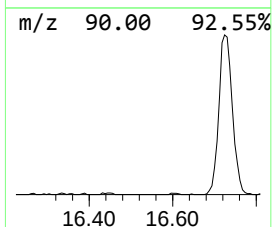
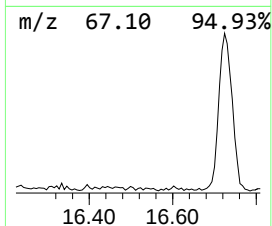
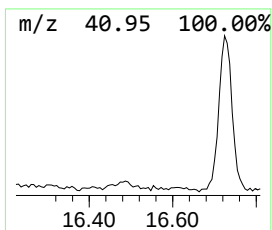
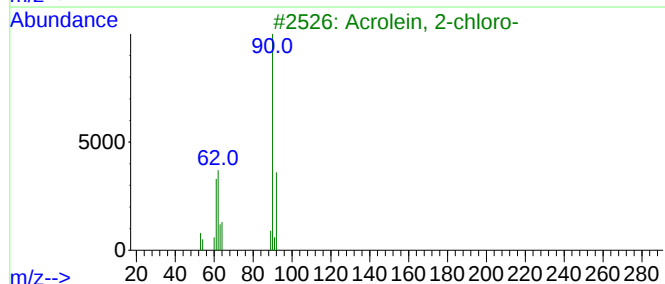
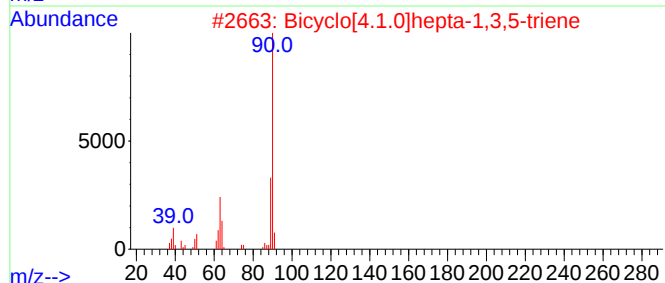
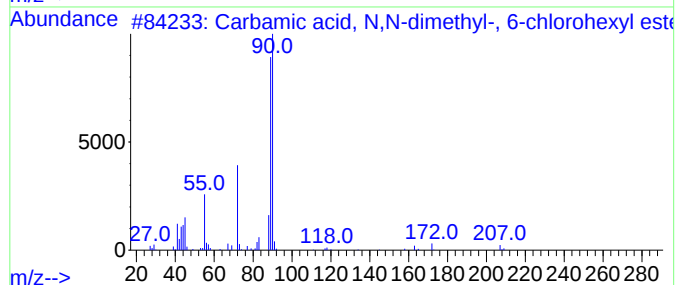
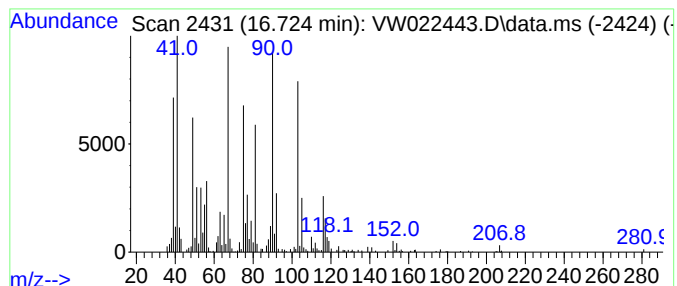
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0

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

Peak Number 30 unknown-09 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.724	5.75 ug/L	337832	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbamic acid, N,N-dimethyl-, 6-...	207	C9H18ClNO2	1000331-48-1	27
2			Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	27
3			Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	25
4			2,2-Bis(chloromethyl)-1-propanol	156	C5H10Cl2O	005355-54-4	25
5			Thiourea, methyl-	90	C2H6N2S	000598-52-7	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040722\
 Data File : VW022443.D
 Acq On : 07 Apr 2022 19:44
 Operator : SY/VA
 Sample : N2293-08
 Misc : 6.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNN8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.965	150.6	ug/L	5636920	1	8.842	936003	25.0
Dimethyl sulfide	4.208	2.2	ug/L	81455	1	8.842	936003	25.0
(DEL) Alkane: S...	5.007	1.4	ug/L	50679	1	8.842	936003	25.0
(DEL) Alkane: C...	6.982	2.1	ug/L	78361	1	8.842	936003	25.0
Thiophene	8.567	1.8	ug/L	67134	1	8.842	936003	25.0
1-Propene, 3,3'...	8.988	8.3	ug/L	312692	1	8.842	936003	25.0
unknown-01	9.073	1.3	ug/L	50144	1	8.842	936003	25.0
2H-Pyran, tetra...	9.963	13.7	ug/L	513865	1	8.842	936003	25.0
Benzene, bromo-	12.743	2.1	ug/L	125139	3	13.554	1469900	25.0
Benzene, 1-ethy...	13.103	1.8	ug/L	108409	3	13.554	1469900	25.0
unknown-02	13.365	1.5	ug/L	87259	3	13.554	1469900	25.0
Thiepane	13.640	5.0	ug/L	291244	3	13.554	1469900	25.0
unknown-03	13.749	1.4	ug/L	84382	3	13.554	1469900	25.0
Benzene, 1-meth...	13.944	1.3	ug/L	78181	3	13.554	1469900	25.0
Benzene, 2-ethy...	13.999	1.8	ug/L	107477	3	13.554	1469900	25.0
Benzene, 4-ethy...	14.091	2.5	ug/L	148026	3	13.554	1469900	25.0
unknown-04	14.176	3.0	ug/L	176143	3	13.554	1469900	25.0
Benzene, 1-brom...	14.463	16.4	ug/L	963775	3	13.554	1469900	25.0
unknown-05	14.536	1.4	ug/L	84085	3	13.554	1469900	25.0
unknown-06	14.633	1.3	ug/L	78950	3	13.554	1469900	25.0
unknown-07	14.688	2.1	ug/L	123927	3	13.554	1469900	25.0
Benzene, 1-brom...	14.737	6.7	ug/L	395697	3	13.554	1469900	25.0
Benzene, 1,2,4,...	14.786	4.1	ug/L	242257	3	13.554	1469900	25.0
Benzene, 1,4-di...	15.060	2.2	ug/L	131084	3	13.554	1469900	25.0
1-Propyne, 3,3'...	15.249	6.3	ug/L	367298	3	13.554	1469900	25.0
Azulene	15.365	3.5	ug/L	207937	3	13.554	1469900	25.0
unknown-08	15.731	2.1	ug/L	121033	3	13.554	1469900	25.0
Benzene, (2,2-d...	16.328	1.7	ug/L	99322	3	13.554	1469900	25.0
unknown-09	16.724	5.8	ug/L	337832	3	13.554	1469900	25.0