LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

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\SFAMWLM071322SMA.M
Title : SFAM01.0

Signal : TIC: VW023832.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.605	275	279	283	rBV7	1829	3284	4.87%	0.559%
2	3.678	288	291	292	rBV3	2116	1589	2.35%	0.270%
3	3.696	292	294	297	rBV4	1483	1610	2.39%	0.274%
4	3.873	319	323	324	rBV4	1713	2153	3.19%	0.366%
5	3.916	328	330	331	rBV2	1397	918	1.36%	0.156%
6	4.214	378	379	384	rBV5	1235	1420	2.10%	0.242%
7	4.665	451	453	457	rBV5	1513	2265	3.36%	0.385%
8	5.135	529	530	531	rBV	1575	970	1.44%	0.165%
9	5.208	540	542	544	rBV3	1282	1185	1.76%	0.202%
10	5.263	549	551	554	rVB4	1797	1436	2.13%	0.244%
11	5.610	606	608	610	rVB2	1273	1067	1.58%	0.182%
12	5.799	637	639	640	rBV2	1476	949	1.41%	0.161%
13	5.940	659	662	665	rBV5	1593	2583	3.83%	0.439%
14	6.232	708	710	712	rBV3	1539	1915	2.84%	0.326%
15	6.318	722	724	728	rBV5	1037	1537	2.28%	0.261%
16	6.494	751	753	757	rBV5	1408	2028	3.01%	0.345%
17	6.555	761	763	765	rVB3	1670	1188	1.76%	0.202%
18	6.708	786	788	789	rBV2	1184	862	1.28%	0.147%
19	6.799	801	803	805	rBV3	1526	1084	1.61%	0.184%
20	6.994	833	835	838	rBV4	2342	2040	3.02%	0.347%
21	7.080	844	849	854	rBV2	5447	14812	21.95%	2.520%
22	7.250	873	877	879	rBV5	1490	2291	3.39%	0.390%
23	7.647	937	942	947	rBV3	9898	21758	32.24%	3.702%
24	7.860	974	977	979	rBV4	2165	2475	3.67%	0.421%
25	7.964	992	994	998	rBV5	1939	1814	2.69%	0.309%
26	8.037	1004	1006	1009	rBV4	1319	1362	2.02%	0.232%
27	8.305	1036	1050	1057	rBV5	17446	67485	100.00%	11.481%
28	8.774	1126	1127	1129	rBV2	1226	861	1.28%	0.146%
29	8.842	1133	1138	1146	rVB2	14761	30868	45.74%	5.252%
30	8.976	1158	1160	1163	rBV4	1727	1611	2.39%	0.274%
31	9.207	1196	1198	1199	rBV2	2445	1564	2.32%	0.266%
32	9.232	1199	1202	1203	rVV3	1929	1960	2.90%	0.333%
33	9.268	1203	1208	1216	rVB3	18847	39416	58.41%	6.706%
34	9.360	1222	1223	1227	rBV4	1971	1945	2.88%	0.331%
35	9.390	1227	1228	1231	rBV3	1270	1069	1.58%	0.182%
36	9.598	1261	1262	1263	rBV	1682	1119	1.66%	0.190%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

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\SFAMWLM071322SMA.M
Title : SFAM01.0

37	9.744	1285	1286	1288	rBV2	1287	1131	1.68%	0.192%
38	9.896	1307	1311	1313	rBV5	1261	1667	2.47%	0.284%
39	9.975	1323	1324	1326	rBV2	1544	1087	1.61%	0.185%
40	10.030	1328	1333	1338	rVV7	6129	11413	16.91%	1.942%
41	10.122	1346	1348	1351	rVB4	1593	1651	2.45%	0.281%
42	10.146	1351	1352	1356	rBV4	1648	1506	2.23%	0.256%
43	10.201	1358	1361	1364	rBV5	1586	2577	3.82%	0.438%
44	10.317	1377	1380	1389	rVB2	15921	28961	42.91%	4.927%
45	10.378	1389	1390	1394	rBV4	2177	2736	4.05%	0.465%
46	10.792	1457	1458	1460	rBV2	1751	1536	2.28%	0.261%
47	10.841	1463	1466	1469	rBV5	1303	1992	2.95%	0.339%
48	10.920	1474	1479	1486	rBV	18554	33954	50.31%	5.777%
49	11.183	1520	1522	1524	rVB3	1418	984	1.46%	0.167%
50	11.298	1539	1541	1544	rBV4	1630	2103	3.12%	0.358%
51	11.329	1544	1546	1549	rVV4	1684	1667	2.47%	0.284%
52	11.573	1584	1586	1587	rBV2	1614	1022	1.51%	0.174%
53	11.628	1590	1595	1602	rVB	28424	50359	74.62%	8.568%
54	11.847	1630	1631	1634	rVB3	1608	1320	1.96%	0.225%
55	11.932	1642	1645	1648	rVB5	1492	1583	2.35%	0.269%
56	11.963	1648	1650	1652	rBV3	1469	1256	1.86%	0.214%
57	12.115	1672	1675	1676	rBV2	1098	1065	1.58%	0.181%
58	12.176	1680	1685	1688	rBV7	1716	3554	5.27%	0.605%
59	12.408	1722	1723	1727	rVB4	1424	1042	1.54%	0.177%
60	12.603	1750	1755	1757	rBV6	2716	4646	6.88%	0.790%
61	12.688	1763	1769	1776	rBV2	32139	55526	82.28%	9.447%
62	12.804	1785	1788	1789	rBV3	1173	1071	1.59%	0.182%
63	12.853	1794	1796	1799	rVB3	1460	1566	2.32%	0.266%
64	12.884	1799	1801	1804	rBV4	1579	1785	2.65%	0.304%
65	13.103	1834	1837	1839	rBV5	1981	2339	3.47%	0.398%
66	13.255	1859	1862	1863	rVV3	1185	968	1.43%	0.165%
67	13.359	1878	1879	1882	rBV3	1331	1199	1.78%	0.204%
68	13.438	1891	1892	1896	rVB4	1602	1525	2.26%	0.259%
69	13.560	1906	1912	1920	rBV	24708	42139	62.44%	7.169%
70	13.707	1935	1936	1937	rBV	1766	887	1.31%	0.151%
71	13.767	1942	1946	1948	rVV5	1132	1477	2.19%	0.251%
72	13.853	1954	1960	1970	rVB3	27919	55448	82.16%	9.433%
73	14.048	1990	1992	1994	rBV3	1141	1368	2.03%	0.233%
74	14.200	2013	2017	2018	rBV4	1715	1903	2.82%	0.324%
75	14.322	2036	2037	2040	rVV3	1275	1420	2.10%	0.242%
76	14.365	2042	2044	2047	rVB3	1223	963	1.43%	0.164%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F5C22

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\SFAMWLM071322SMA.M
Title : SFAM01.0

77	14.402	2047	2050	2053	rBV5	1255	1210	1.79%	0.206%
78	14.426	2053	2054	2059	rBV4	1058	1334	1.98%	0.227%
79	14.615	2081	2085	2086	rBV4	1250	1628	2.41%	0.277%
80	14.688	2095	2097	2099	rVB3	1470	1232	1.83%	0.210%
81	14.853	2120	2124	2126	rVB5	1092	1108	1.64%	0.189%
82	14.877	2126	2128	2132	rBV5	1436	1505	2.23%	0.256%
83	14.987	2144	2146	2147	rBV2	1078	815	1.21%	0.139%
84	15.078	2159	2161	2164	rVB4	1237	1285	1.90%	0.219%
85	15.115	2166	2167	2169	rBV2	1095	961	1.42%	0.163%
86	15.267	2189	2192	2193	rBV2	1161	1204	1.78%	0.205%
87	15.298	2193	2197	2201	rVV7	799	1622	2.40%	0.276%
88	15.529	2233	2235	2237	rBV4	756	876	1.30%	0.149%
89	15.663	2255	2257	2259	rBV3	1341	1377	2.04%	0.234%
90	15.718	2264	2266	2268	rVB3	1321	1152	1.71%	0.196%
91	15.749	2268	2271	2273	rBV4	1023	1090	1.62%	0.185%
92	15.993	2309	2311	2312	rVB2	1553	899	1.33%	0.153%
93	16.048	2317	2320	2322	rBV4	1525	1701	2.52%	0.289%
94	16.304	2361	2362	2363	rBV	1225	861	1.28%	0.146%
95	16.340	2366	2368	2370	rVB3	1727	1541	2.28%	0.262%
96	16.395	2376	2377	2378	rBV	1856	921	1.36%	0.157%
97	16.468	2386	2389	2390	rBV3	1308	1526	2.26%	0.260%
98	16.547	2401	2402	2405	rVB3	1791	1543	2.29%	0.263%
99	16.596	2405	2410	2412	rVB6	1105	1548	2.29%	0.263%
100	16.676	2421	2423	2427	rVB5	1689	1951	2.89%	0.332%

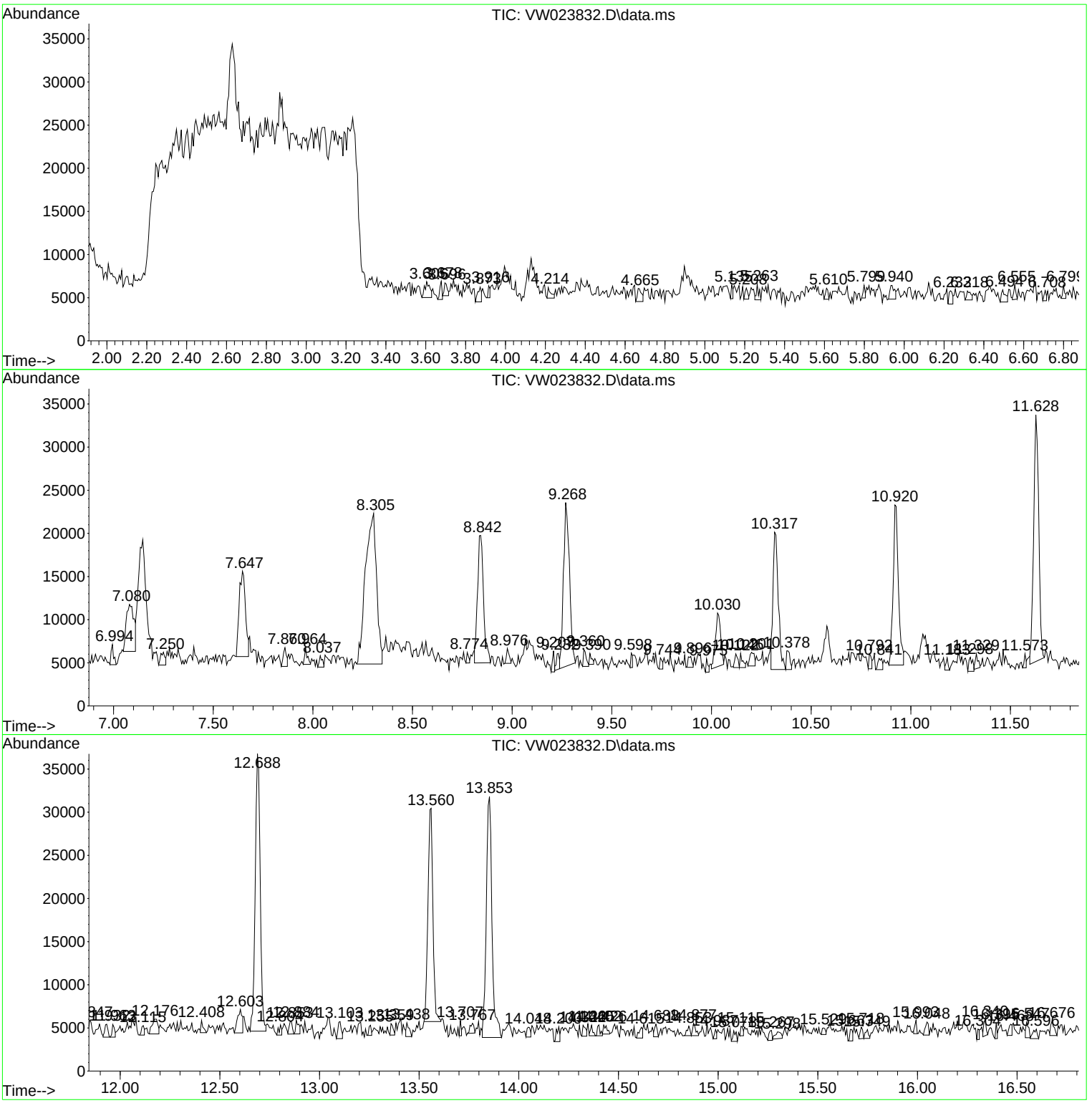
Sum of corrected areas: 587779

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

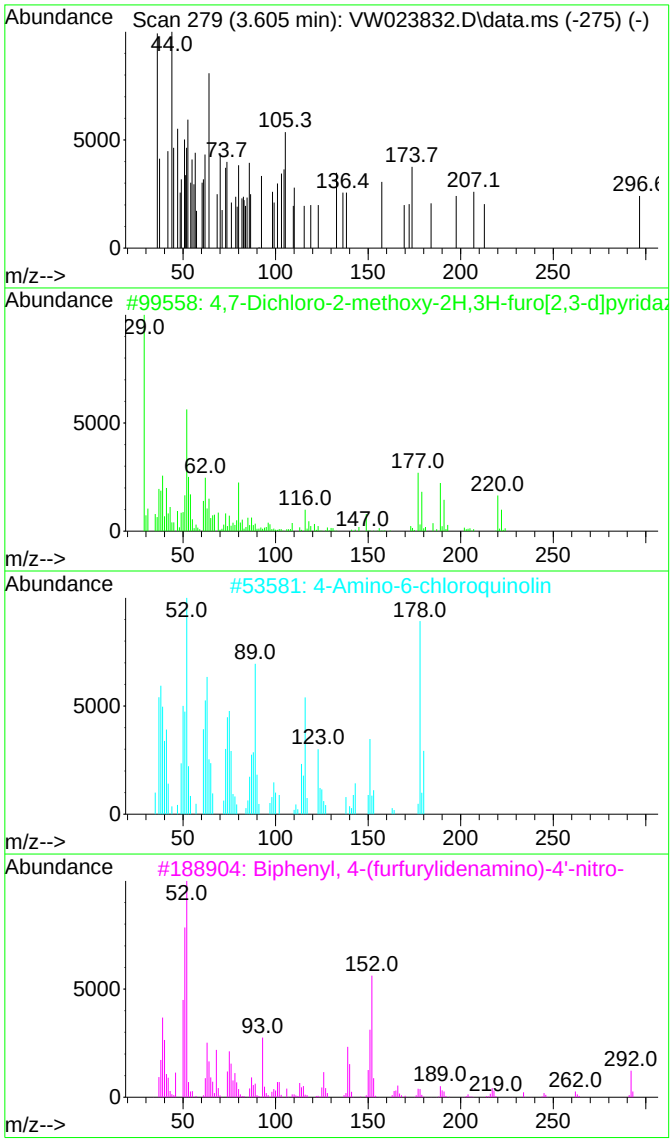
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

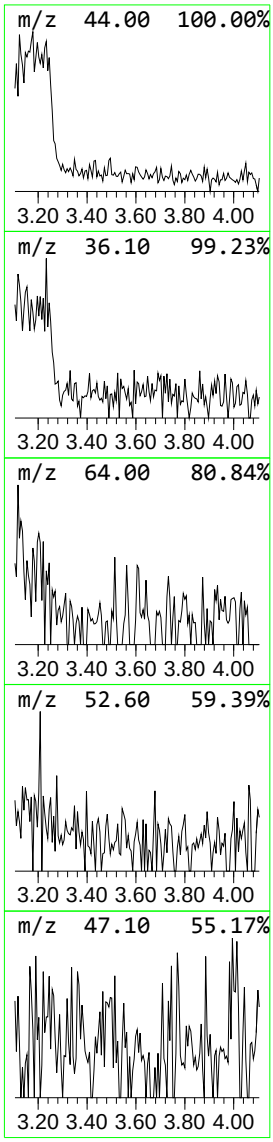
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.605	2.66 ug/L	3284	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Dichloro-2-methoxy-2H,3H-fur...	220	C7H6Cl2N2O2	1000444-39-7	35
2	4-Amino-6-chloroquinolin	178	C9H7ClN2	020028-60-8	35
3	Biphenyl, 4-(furfurylidenamino)-...	292	C17H12N2O3	1000259-33-4	17
4	4-([1,2,4]Triazolo[1,5-a]pyrimid...	197	C10H7N5	1000388-24-2	16
5	bis(Thiophen-2-yl)germane	242	C8H8GeS2	1000487-06-0	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

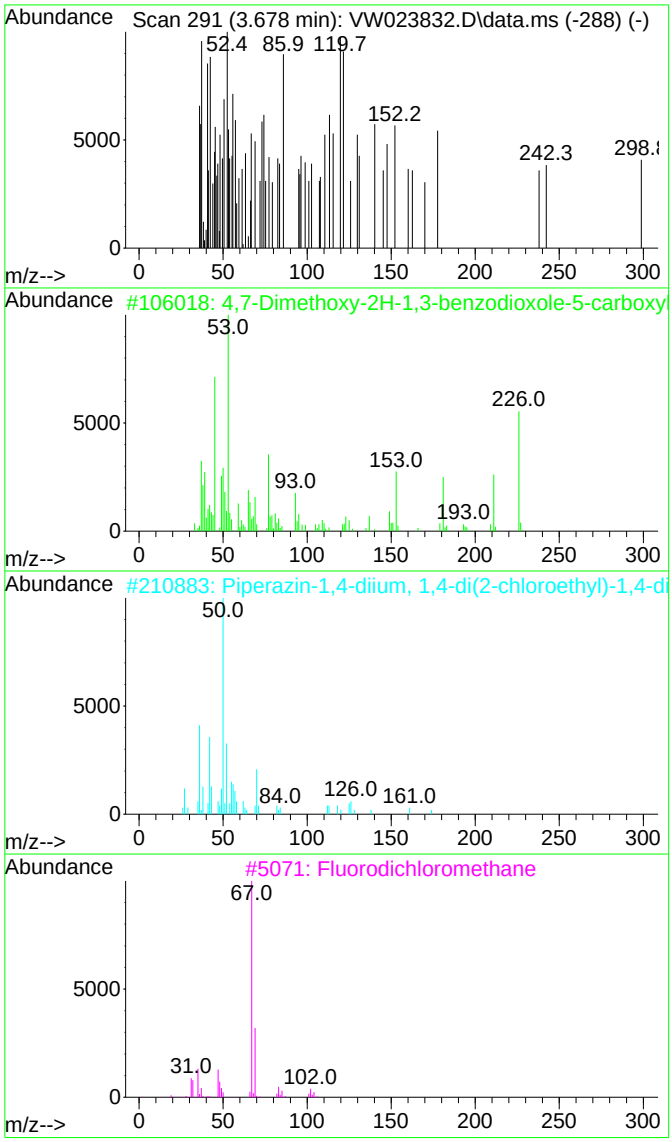
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

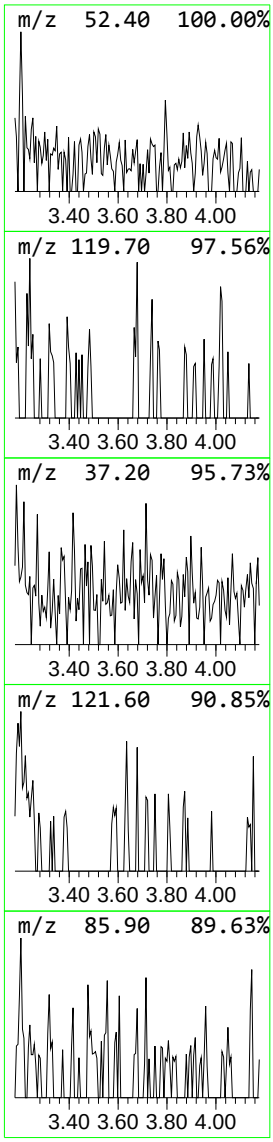
****

Peak Number 2 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.678	1.29 ug/L	1589	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Dimethoxy-2H-1,3-benzodioxol...	226	C10H10O6	007731-10-4	12
2	Piperazin-1,4-diium, 1,4-di(2-ch...	310	C10H22Cl4N2	1000273-25-6	10
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	10
4	1H-Pyrazole, 1-ethyl-3-nitro-	141	C5H7N3O2	058793-46-7	9
5	Propanoic acid, 2,2-dimethyl-, e...	130	C7H14O2	003938-95-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

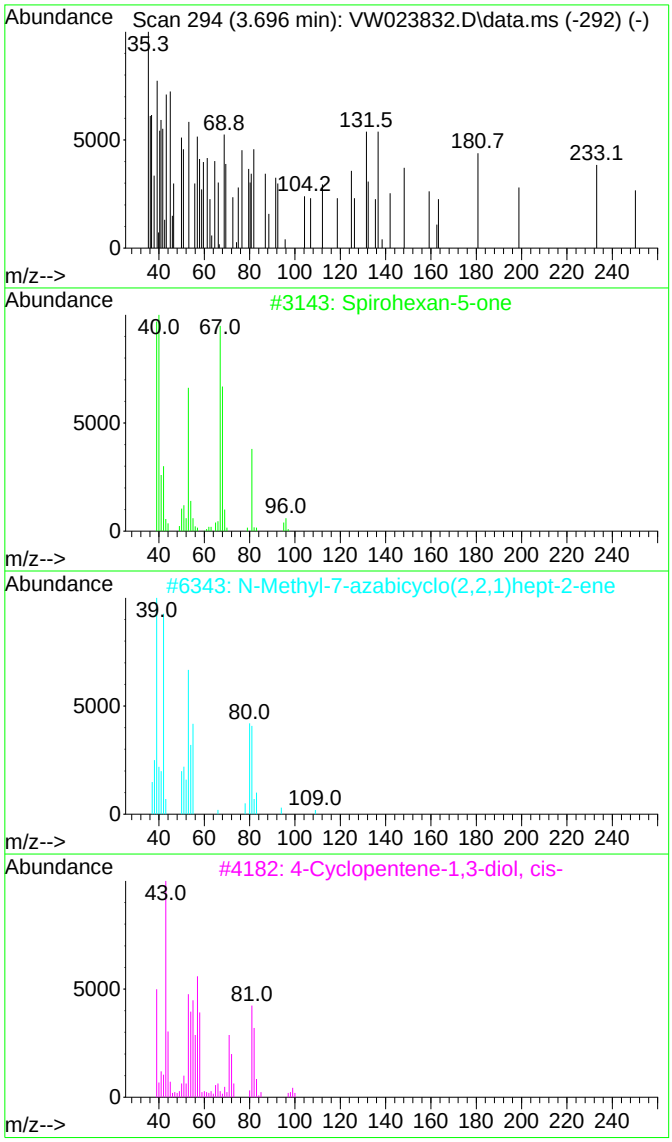
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

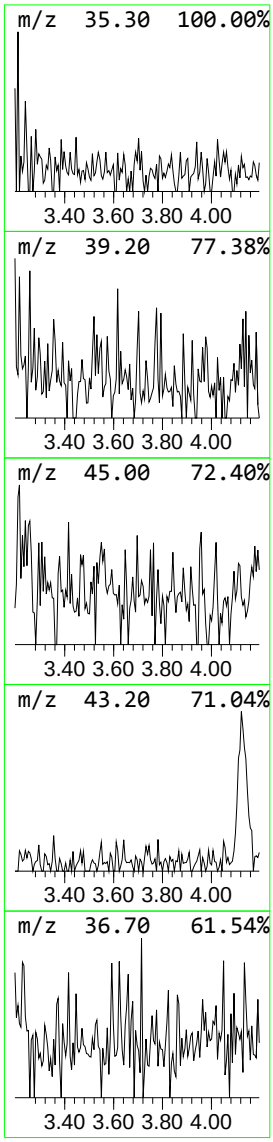
****

Peak Number 3 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.696	1.30 ug/L	1610	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spirohexan-5-one	96	C6H8O	020061-22-7	35
2	N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	35
3	4-Cyclopentene-1,3-diol, cis-	100	C5H8O2	029783-26-4	25
4	2-Butynedioic acid, di-2-propeny...	194	C10H10O4	014447-07-5	12
5	9H-Indeno(2,1-b)pyridin-9-one	181	C12H7NO	057955-12-1	11





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

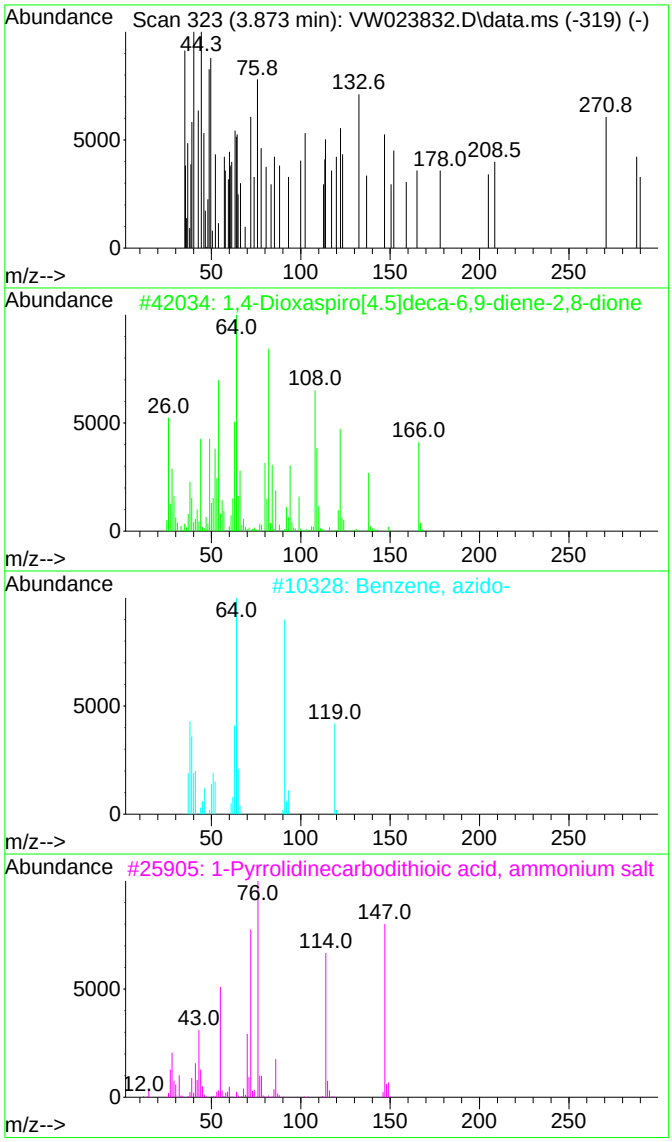
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

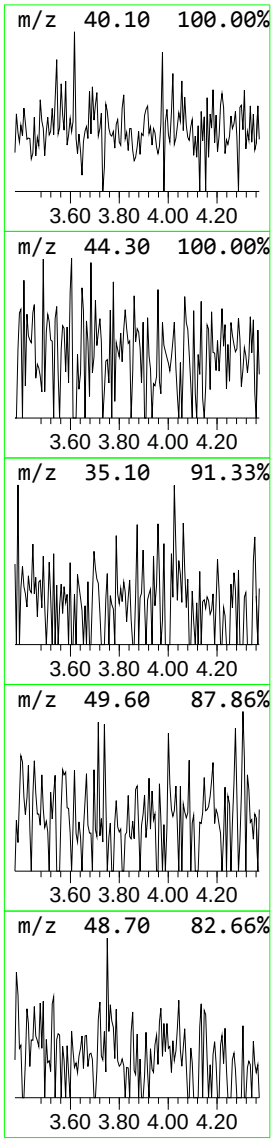
****

Peak Number 4 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.873	1.74 ug/L	2153	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxaspiro[4.5]deca-6,9-dien...	166	C8H6O4	004385-47-1	22
2	Benzene, azido-	119	C6H5N3	000622-37-7	12
3	1-Pyrrolidinecarbodithioic acid,...	147	C5H9NS2	005108-96-3	11
4	4,4'-Diisothiocyanatostilbene-2,...	454	C16H10N2O6S4	053005-05-3	10
5	Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

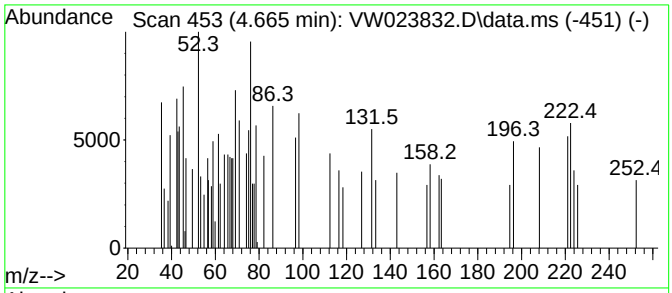
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

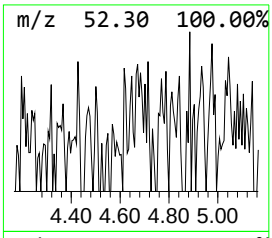
****

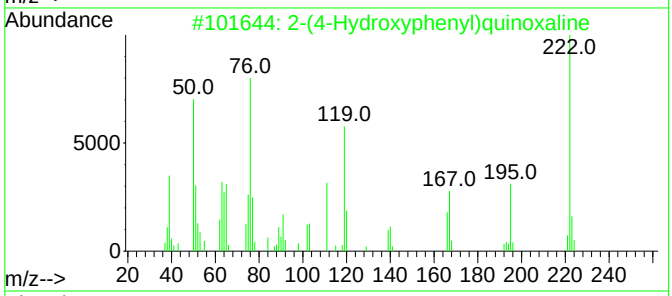
Peak Number 5 unknown-05 Concentration Rank 8

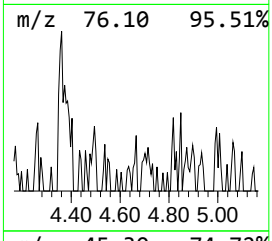
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.665	1.83 ug/L	2265	1,4-Difluorobenzene	8.842

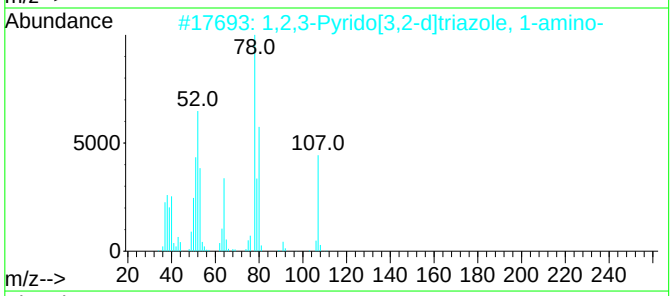
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Hydroxyphenyl)quinoxaline	222	C14H10N2O	1000327-14-4	22
2	1,2,3-Pyrido[3,2-d]triazole, 1-a...	135	C5H5N5	023589-47-1	16
3	2-(Azidomethyl)pyridine	134	C6H6N4	609770-35-6	16
4	1,5-Hexadiyne	78	C6H6	000628-16-0	12
5	Methyl 4-(pyrrol-1-yl)-1,2,5-oxa...	193	C8H7N3O3	1010434-95-6	12

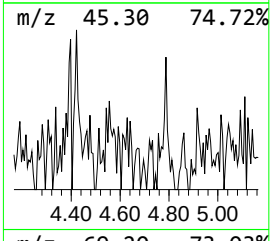


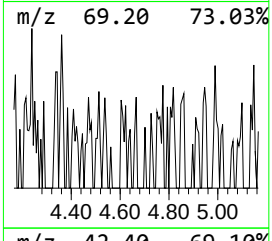


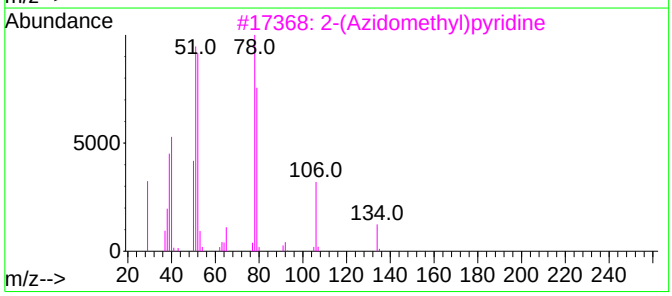


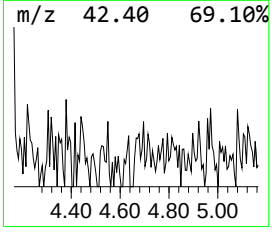












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Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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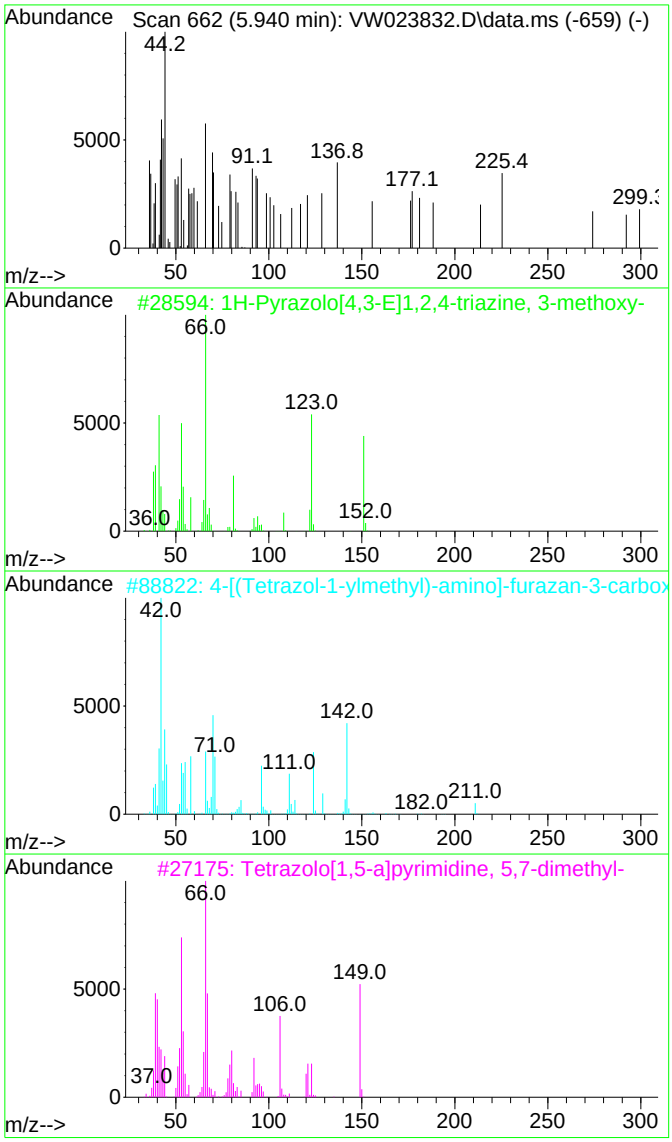
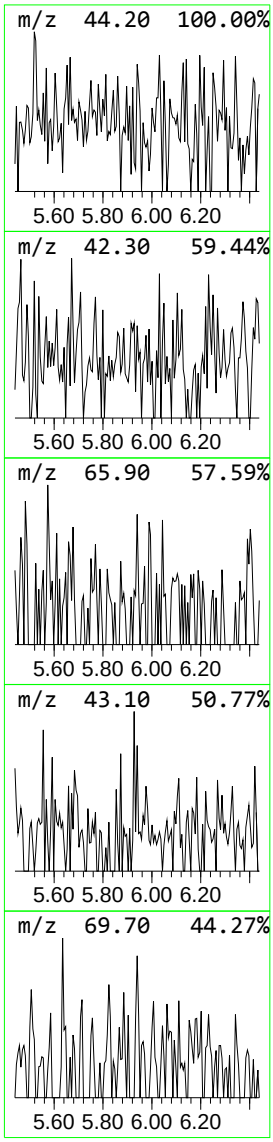
Peak Number 6 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.940	2.09 ug/L	2583	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazolo[4,3-E]1,2,4-triazine...	151	C5H5N5O	037526-53-7	32
2	4-[(Tetrazol-1-ylmethyl)-amino]-...	211	C5H5N7O3	1000300-22-3	28
3	Tetrazolo[1,5-a]pyrimidine, 5,7-...	149	C6H7N5	003210-44-4	12
4	Acetamide, 2-chloro-N-(4-amino-3...	176	C4H5ClN4O2	101140-12-9	10
5	8-Methyl-4-(1-pyrrolidinyl)pyrid...	214	C12H14N4	1000326-91-8	9





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Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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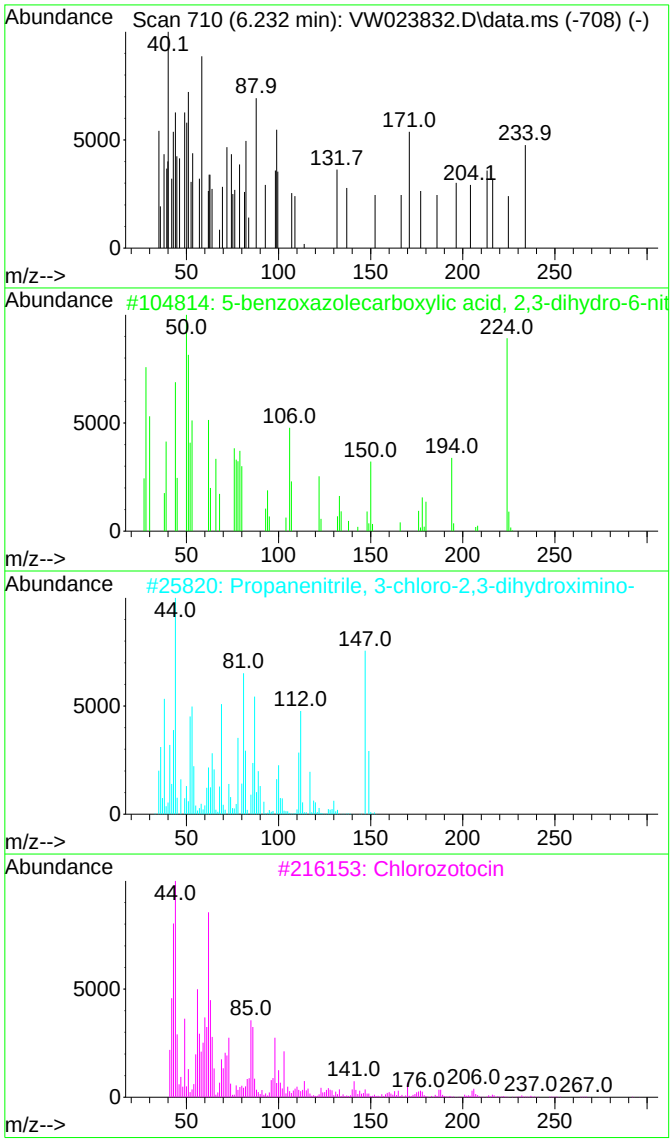
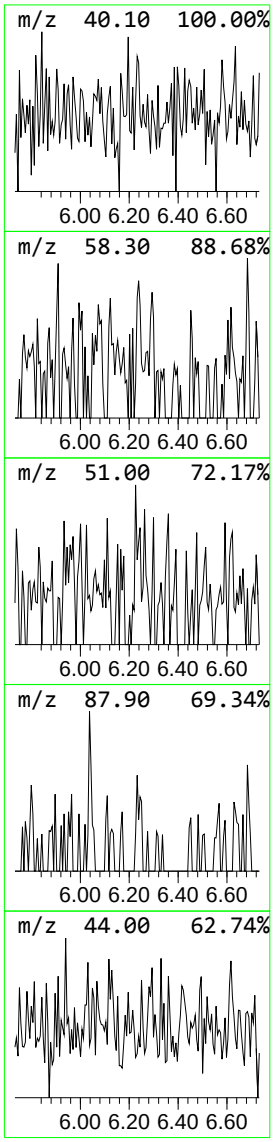
Peak Number 7 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.232	1.55 ug/L	1915	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-benzoxazolecarboxylic acid, 2,...	224	C8H4N2O6	1000396-29-7	12
2	Propanenitrile, 3-chloro-2,3-dih...	147	C3H2ClN3O2	139912-33-7	10
3	Chlorozotocin	313	C9H16ClN3O7	054749-90-5	10
4	2,2,2-Trifluoroethylamine	99	C2H4F3N	000753-90-2	9
5	Imidazole-5-propionic acid, .bet...	156	C6H8N2O3	1000129-47-8	9





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Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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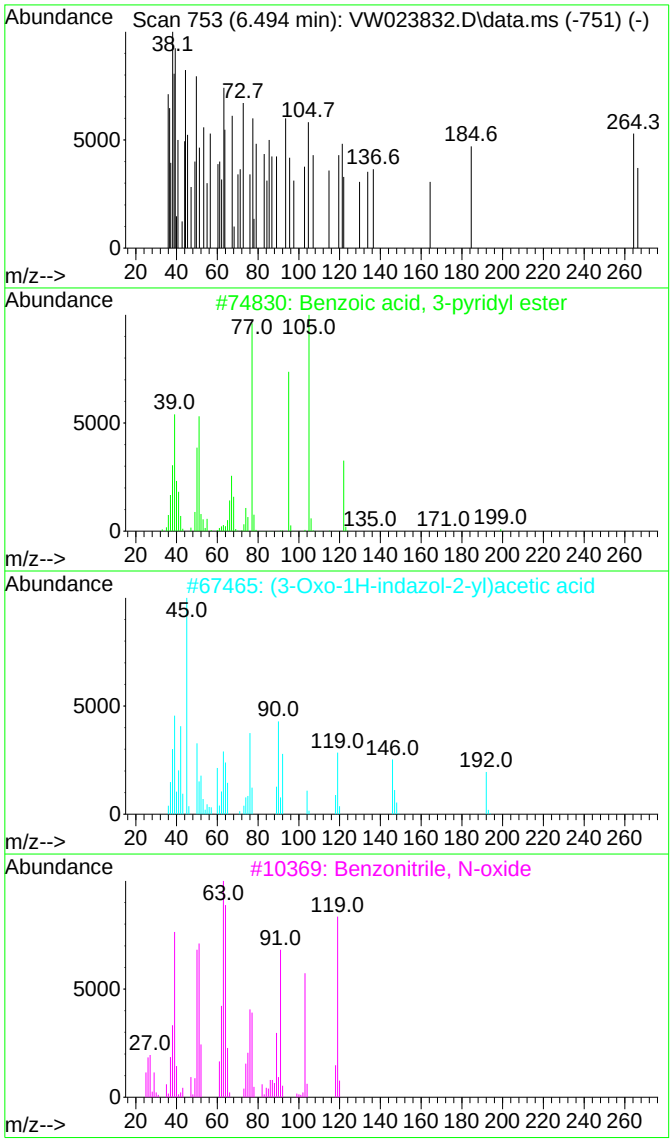
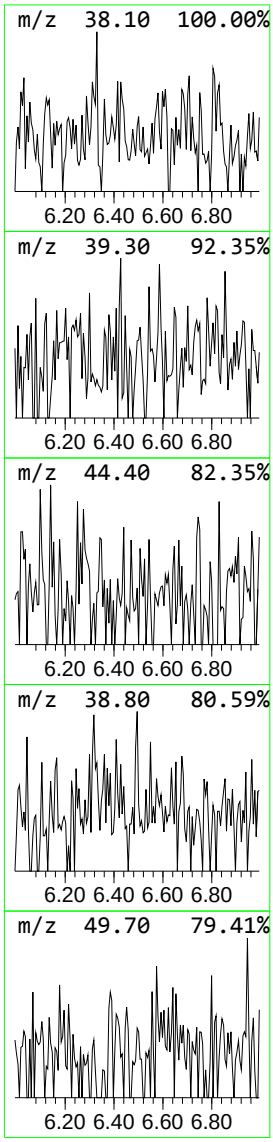
Peak Number 8 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.494	1.64 ug/L	2028	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-pyridyl ester	199	C12H9NO2	027039-14-1	38
2	(3-Oxo-1H-indazol-2-yl)acetic acid	192	C9H8N2O3	064697-24-1	38
3	Benzonitrile, N-oxide	119	C7H5NO	000873-67-6	38
4	Pyrrole, 2-(1-naphthyliminomethyl)-	220	C15H12N2	212759-16-5	38
5	3,4-Dichloro-5-phenylimino-2(5H)...	241	C10H5Cl2NO2	220509-42-2	38





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Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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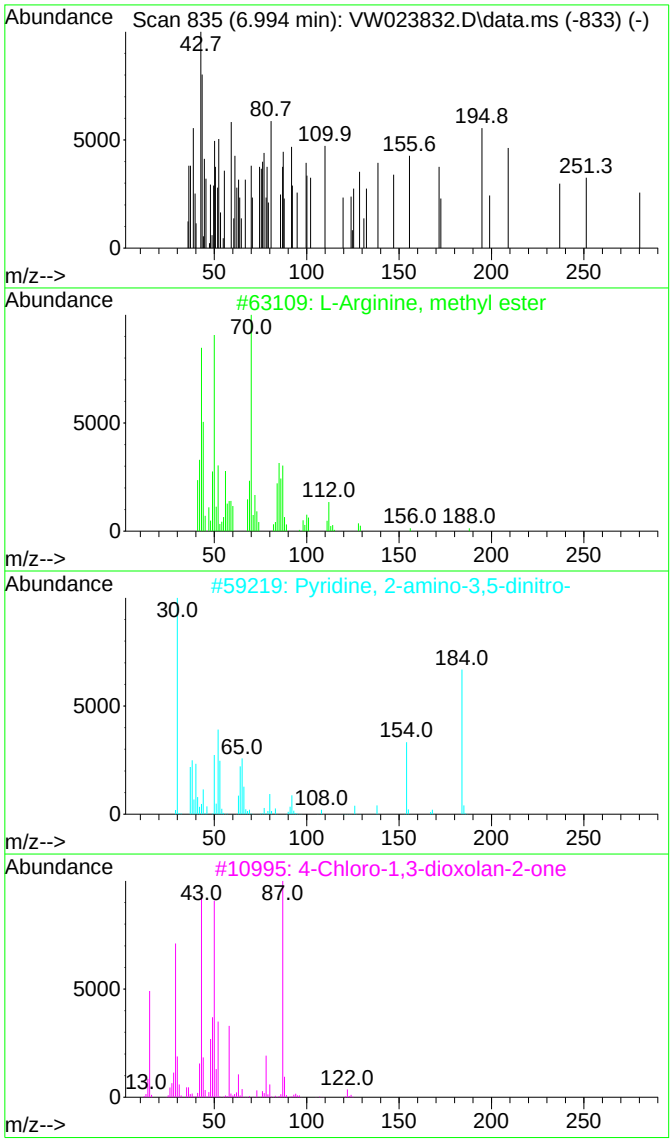
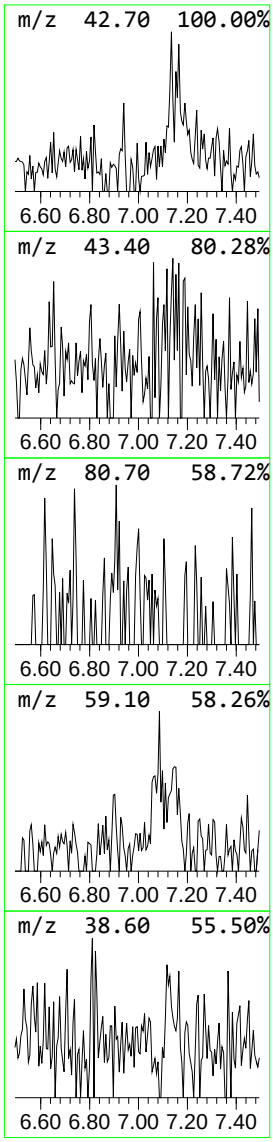
Peak Number 9 unknown-09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.994	1.65 ug/L	2040	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Arginine, methyl ester	188	C7H16N4O2	002577-94-8	32
2	Pyridine, 2-amino-3,5-dinitro-	184	C5H4N4O4	003073-30-1	28
3	4-Chloro-1,3-dioxolan-2-one	122	C3H3ClO3	003967-54-2	27
4	Benzotriazol-1-carboxylic acid, ...	207	C9H9N3O3	211808-98-9	25
5	2-Propenenitrile, 2-chloro-	87	C3H2ClN	000920-37-6	18





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Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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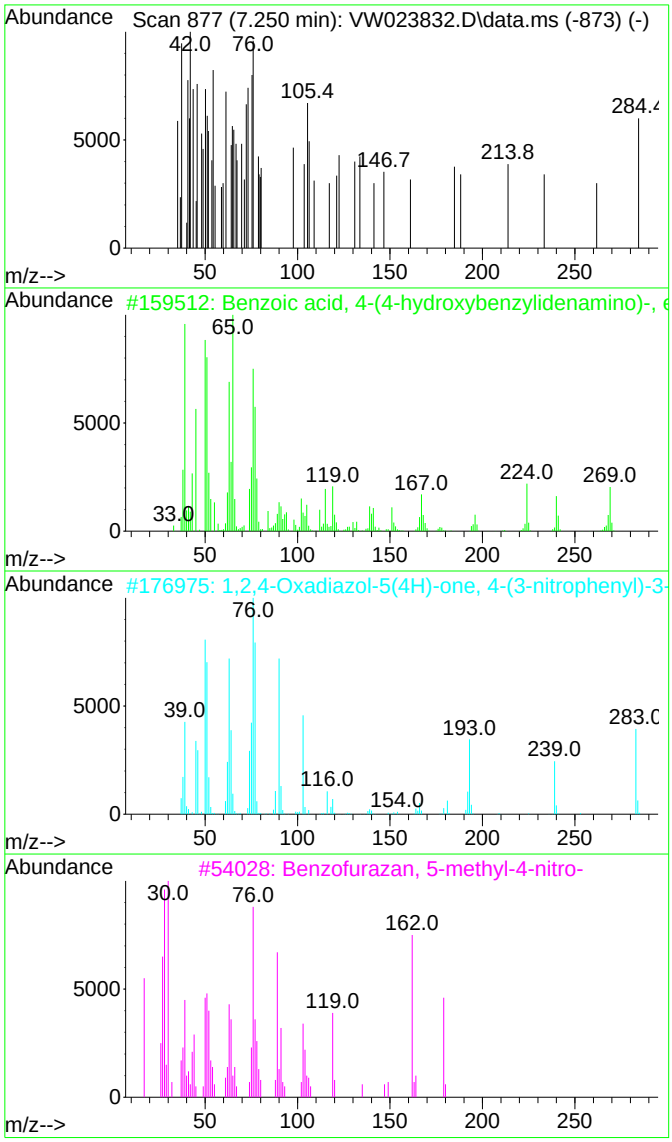
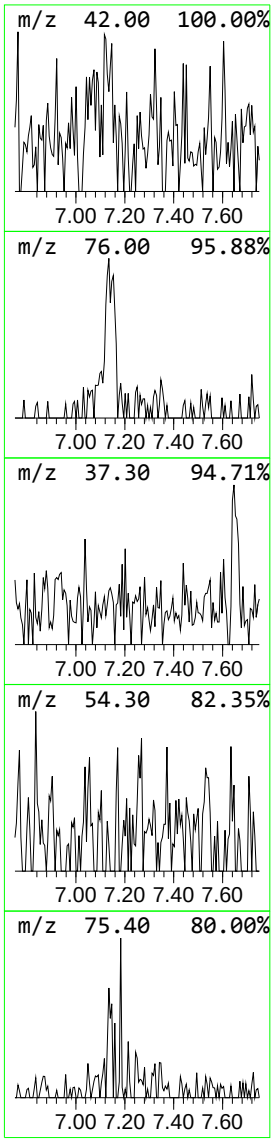
Peak Number 10 unknown-10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.250	1.86 ug/L	2291	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-(4-hydroxybenzyl...	269	C16H15NO3	1000294-12-3	32
2	1,2,4-Oxadiazol-5(4H)-one, 4-(3-...	283	C14H9N3O4	097193-57-2	27
3	Benzofurazan, 5-methyl-4-nitro-	179	C7H5N3O3	016322-21-7	22
4	4-Ethynyl-1-methylpyrazole	106	C6H6N2	039806-89-8	22
5	1H-1,3-Diborole, 1,3,4,5-tetraet...	190	C12H24B2	018067-54-4	16





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Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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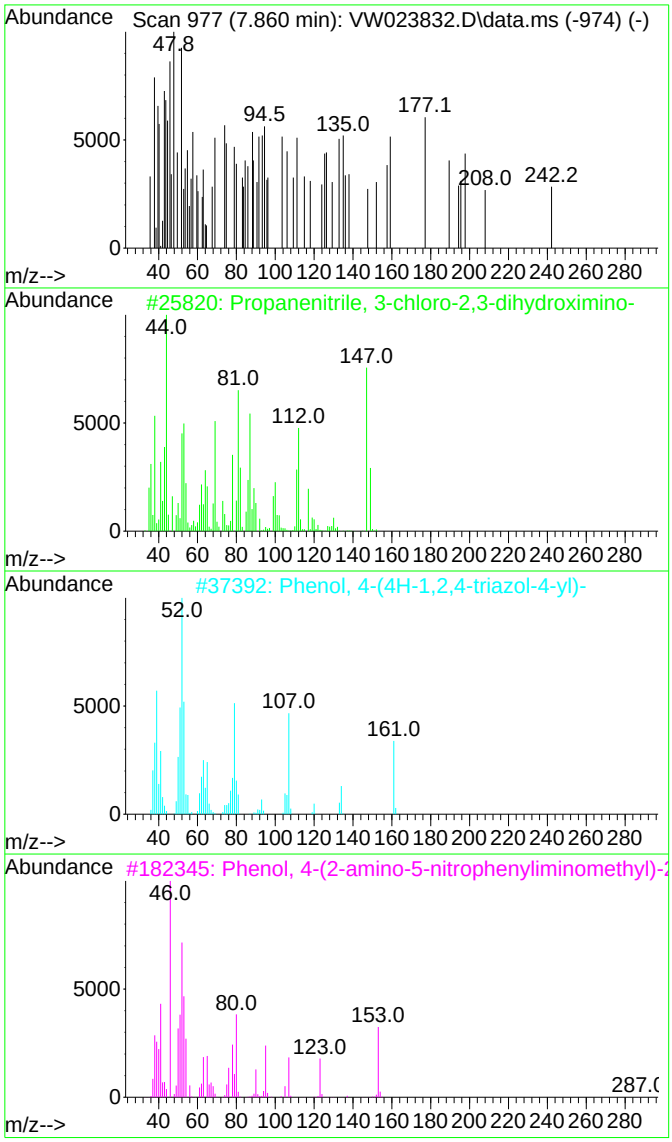
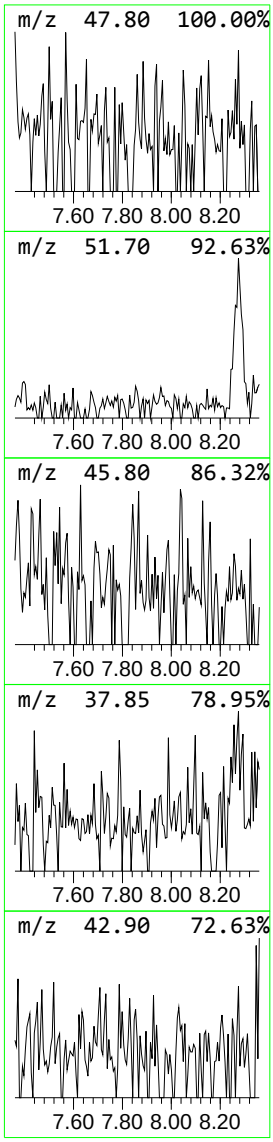
Peak Number 11 unknown-11 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.860	2.00 ug/L	2475	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanenitrile, 3-chloro-2,3-dih...	147	C3H2ClN3O2	139912-33-7	47
2	Phenol, 4-(4H-1,2,4-triazol-4-yl)-	161	C8H7N3O	1000362-60-2	32
3	Phenol, 4-(2-amino-5-nitrophenyl...	287	C14H13N3O4	306744-56-9	32
4	Benzoic acid, 3-(3-amino-1H-pyra...	203	C10H9N3O2	1000362-68-9	32
5	1,3-Benzodioxole-5-carboxylic ac...	181	C8H7NO4	1000362-64-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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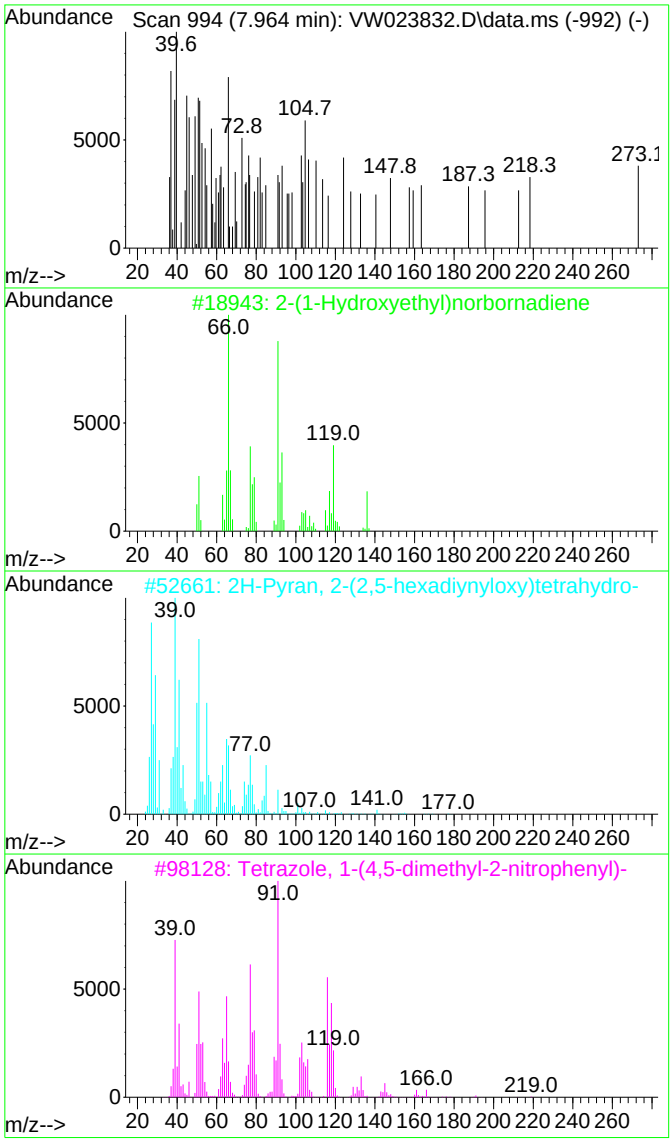
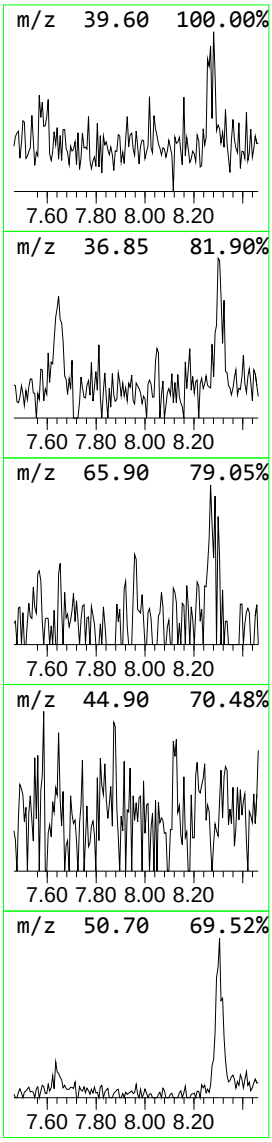
Peak Number 12 unknown-12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.964	1.47 ug/L	1814	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1-Hydroxyethyl)norbornadiene	136	C9H12O	1000139-55-9	14
2	2H-Pyran, 2-(2,5-hexadiynyloxy)t...	178	C11H14O2	040924-58-1	12
3	Tetrazole, 1-(4,5-dimethyl-2-nit...	219	C9H9N5O2	294874-74-1	10
4	2-Propyn-1-amine, N-2-propynyl-	93	C6H7N	006921-28-4	10
5	Benzoyl chloride	140	C7H5ClO	000098-88-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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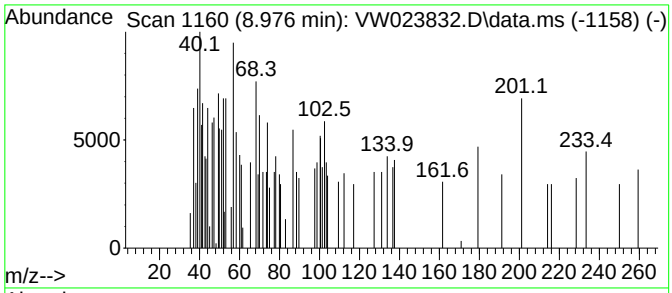
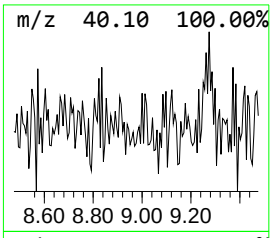
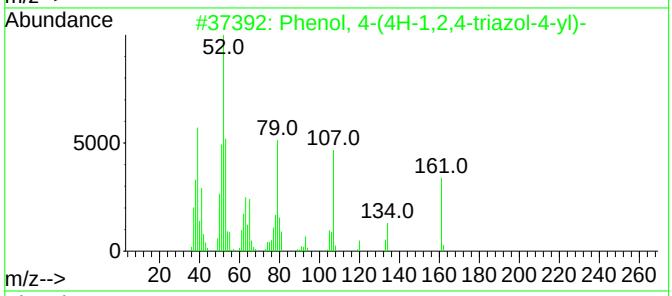
Peak Number 13 unknown-13 Concentration Rank 20

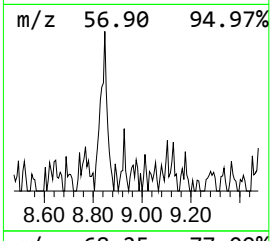
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.976	1.30 ug/L	1611	1,4-Difluorobenzene	8.842

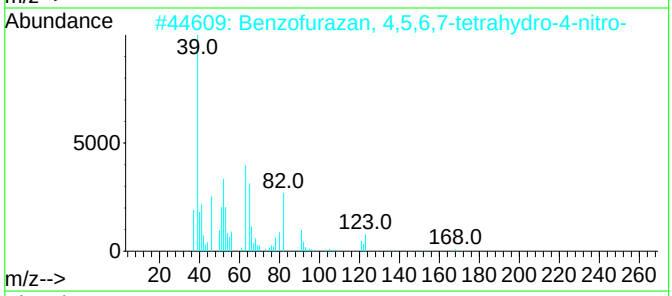
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(4H-1,2,4-triazol-4-yl)-	161	C8H7N3O	1000362-60-2	27
2	Benzofurazan, 4,5,6,7-tetrahydro...	169	C6H7N3O3	1000262-66-9	25
3	1-Methyl-5-nitropyrazole	127	C4H5N3O2	054210-33-2	22
4	2-Furanmethanol, 5-nitro-	143	C5H5NO4	002493-04-1	17
5	3-(5-Hydroxy-1H-1,2,4-triazol-3-...	155	C5H5N3O3	1000443-34-0	16

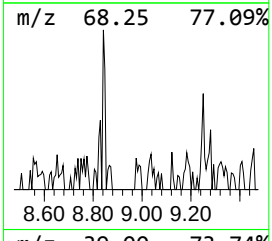


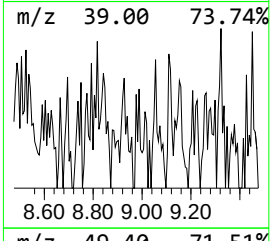


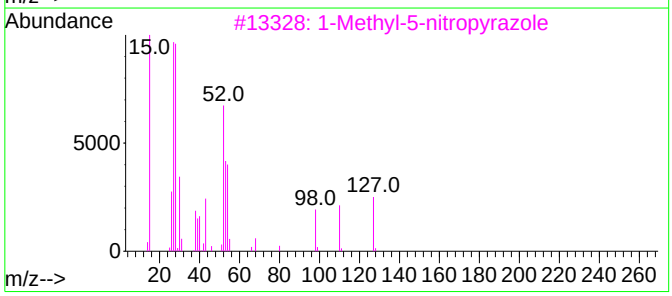


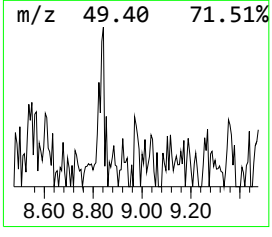












Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

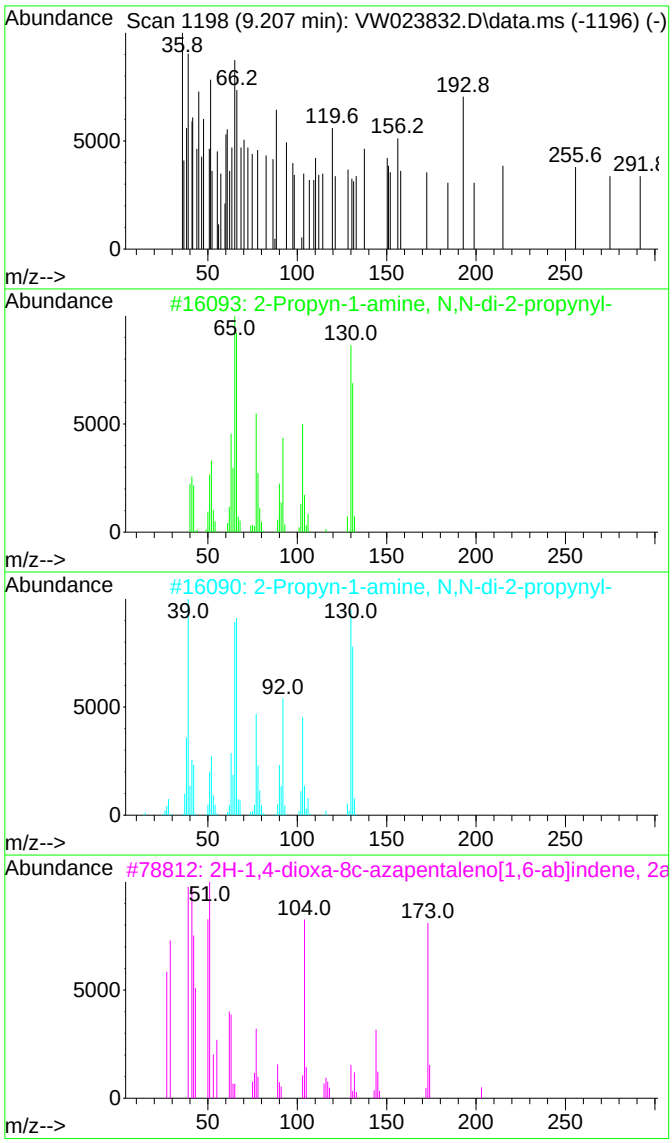
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

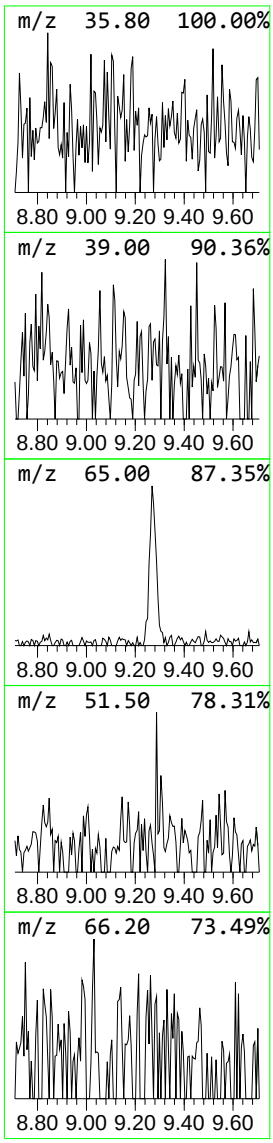
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2-Propyn-1-amine, N,N-di-2-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.207	1.27 ug/L	1564	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-amine, N,N-di-2-propy...	131	C9H9N	006921-29-5	53
2	2-Propyn-1-amine, N,N-di-2-propy...	131	C9H9N	006921-29-5	43
3	2H-1,4-dioxa-8c-azapentaleno[1,6...	203	C12H13NO2	1000400-04-0	35
4	3-(Phenylamino)-3H-2-benzofuran-...	225	C14H11NO2	033125-69-8	33
5	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

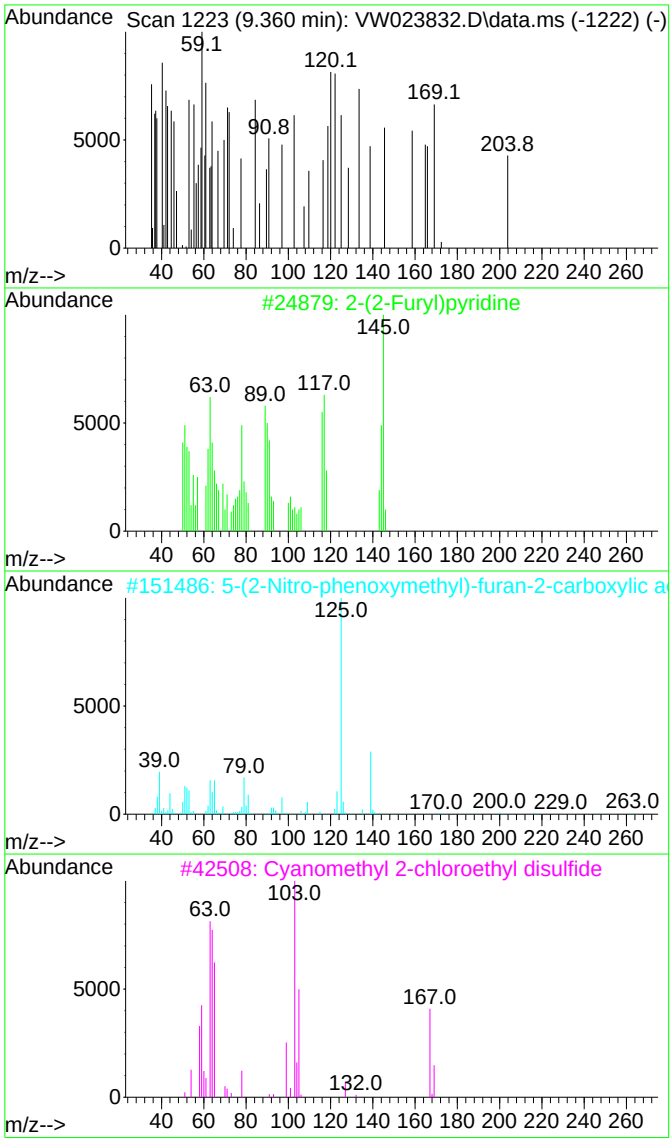
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

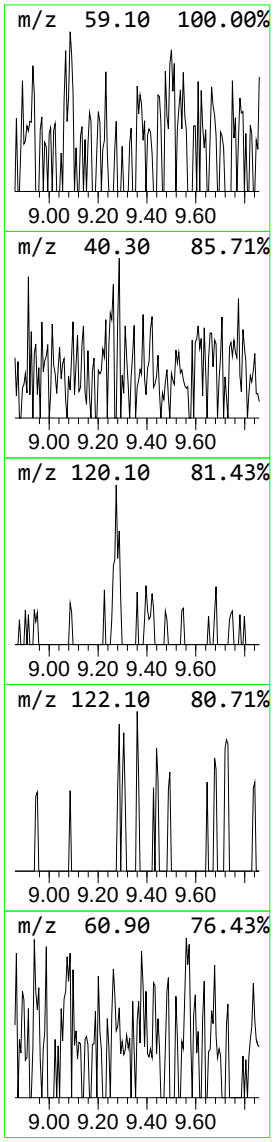
****

Peak Number 15 unknown-14 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.360	1.58 ug/L	1945	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Furyl)pyridine	145	C9H7NO	055484-03-2	35
2	5-(2-Nitro-phenoxymethyl)-furan-...	263	C12H9NO6	1000294-50-3	17
3	Cyanomethyl 2-chloroethyl disulfide	167	C4H6ClNS2	1000226-70-1	17
4	Ethane, 1-(benzylthio)-2-(2-chlo...	246	C11H15ClS2	108862-10-8	17
5	Benzene, azido-	119	C6H5N3	000622-37-7	10





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Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

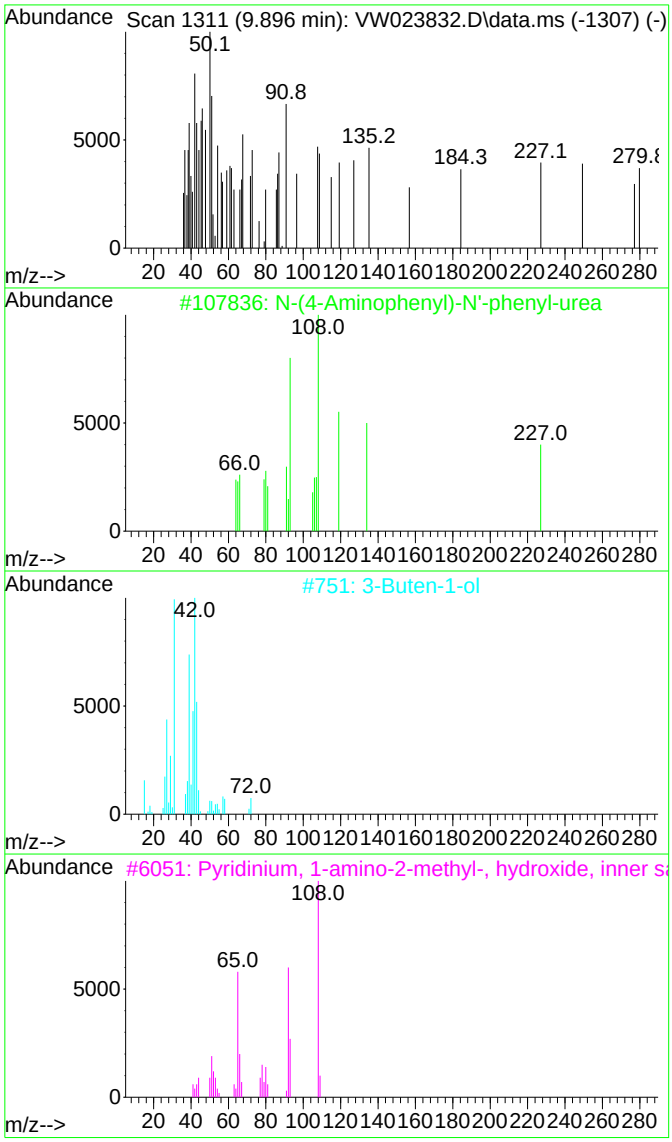
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

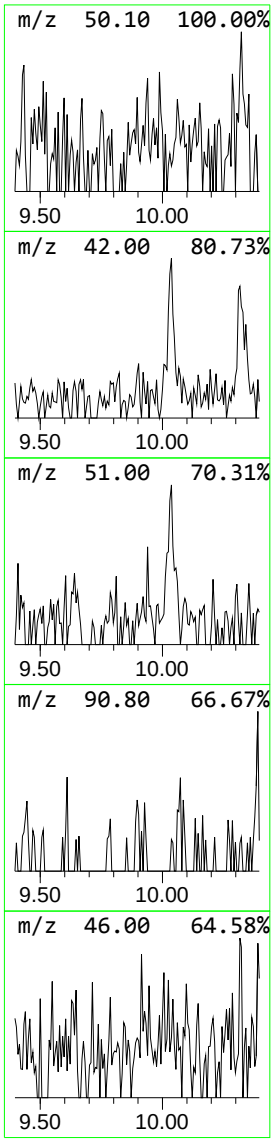
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 N-(4-Aminophenyl)-N'-phenyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.896	1.35 ug/L	1667	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Aminophenyl)-N'-phenyl-urea	227	C13H13N3O	010141-46-5	58
2	3-Buten-1-ol	72	C4H8O	000627-27-0	14
3	Pyridinium, 1-amino-2-methyl-, h...	108	C6H8N2	051135-75-2	9
4	Benzenesulfonic acid, 4-methyl-,...	280	C15H20O3S	1000270-19-1	9
5	Dipropargyl sulfide	110	C6H6S	013702-09-5	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

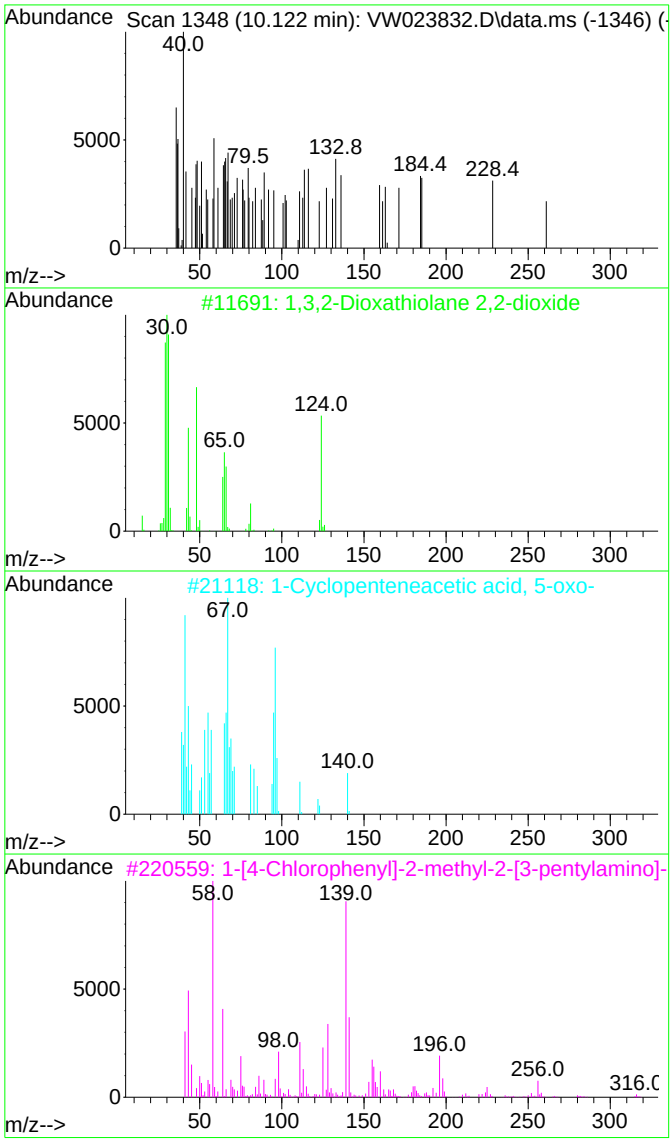
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

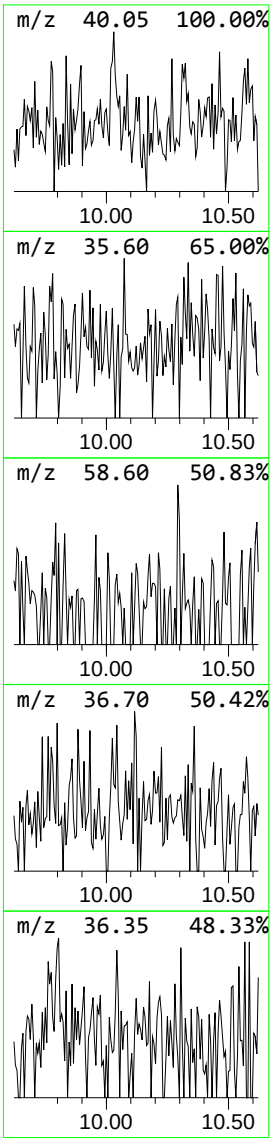
****

Peak Number 18 unknown-15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	1.34 ug/L	1651	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Dioxathiolane 2,2-dioxide	124	C2H4O4S	001072-53-3	25
2	1-Cyclopenteneacetic acid, 5-oxo-	140	C7H8O3	022060-62-4	13
3	1-[4-Chlorophenyl]-2-methyl-2-[3...	317	C15H24ClNS2	1000250-91-4	9
4	9-Bromotricyclo[5.2.1.0(2,6)]dec...	212	C10H13Br	1010460-86-5	9
5	[1,1'-Bicyclopentyl]-2-ol	154	C10H18O	004884-25-7	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

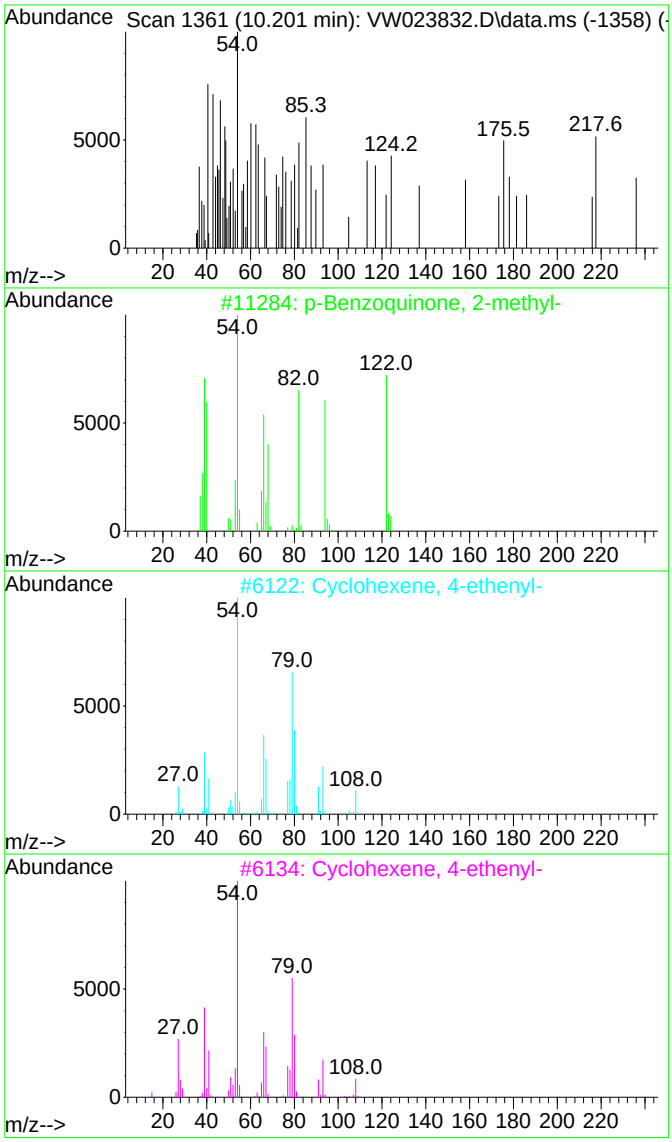
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

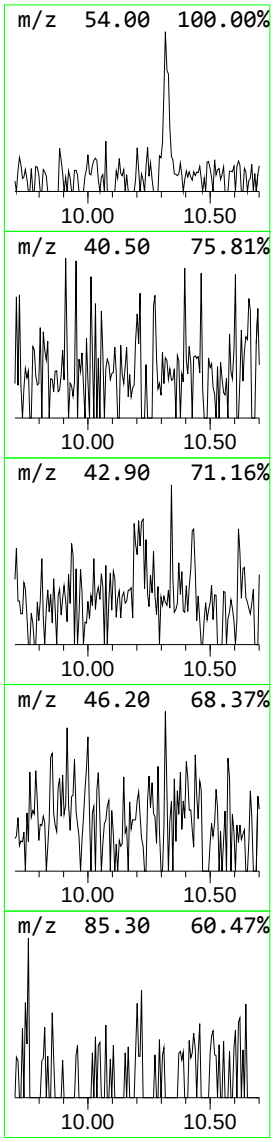
****

Peak Number 19 unknown-16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.201	2.09 ug/L	2577	1,4-Difluorobenzene	8.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Benzoquinone, 2-methyl-	122	C7H6O2	000553-97-9	27
2	Cyclohexene, 4-ethenyl-	108	C8H12	000100-40-3	16
3	Cyclohexene, 4-ethenyl-	108	C8H12	000100-40-3	16
4	2-Methyl-2-butenenitrile	81	C5H7N	004403-61-6	16
5	Cyclohexene, 4-ethenyl-	108	C8H12	000100-40-3	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

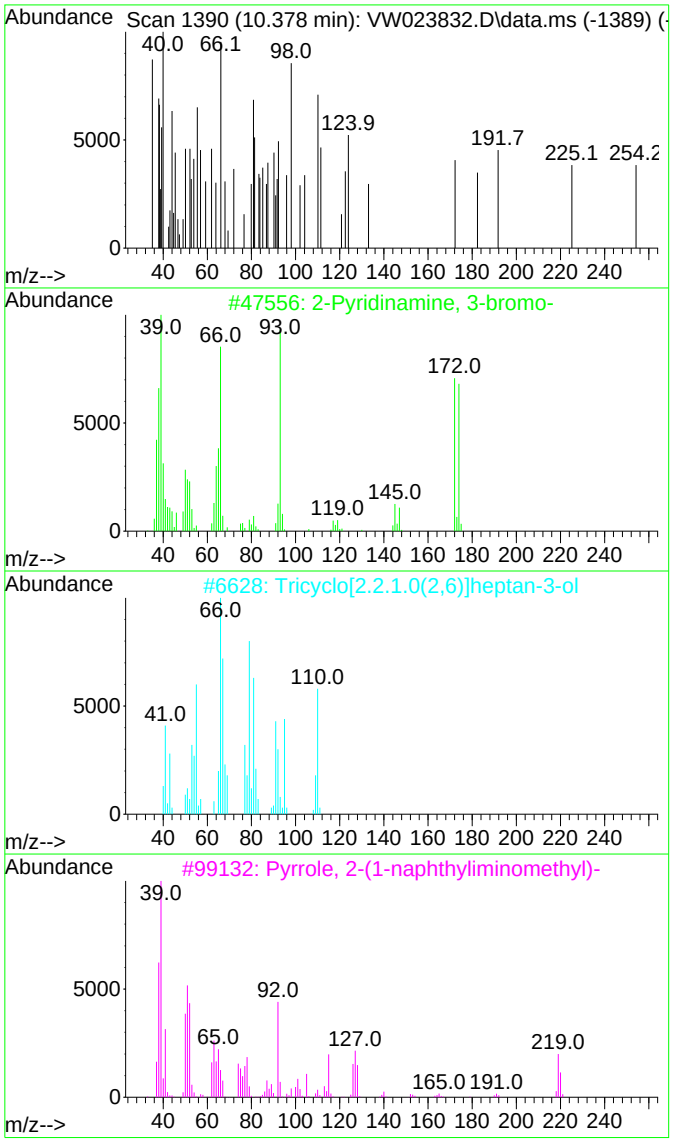
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

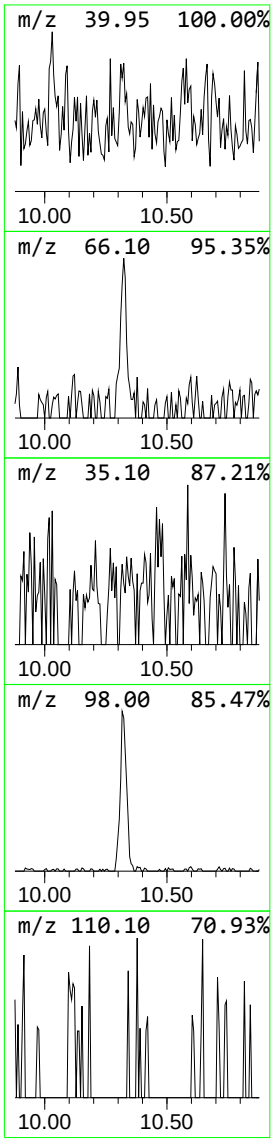
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Pyridinamine, 3-bromo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.378	1.36 ug/L	2736	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinamine, 3-bromo-	172	C5H5BrN2	013534-99-1	59
2	Tricyclo[2.2.1.0(2,6)]heptan-3-ol	110	C7H10O	000695-04-5	18
3	Pyrrole, 2-(1-naphthyliminomethyl)-	220	C15H12N2	212759-16-5	14
4	6-Bromopyrazolo[1,5-a]pyrimidine...	241	C7H4BrN3O2	300717-72-0	12
5	2-Norbornanone	110	C7H10O	000497-38-1	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

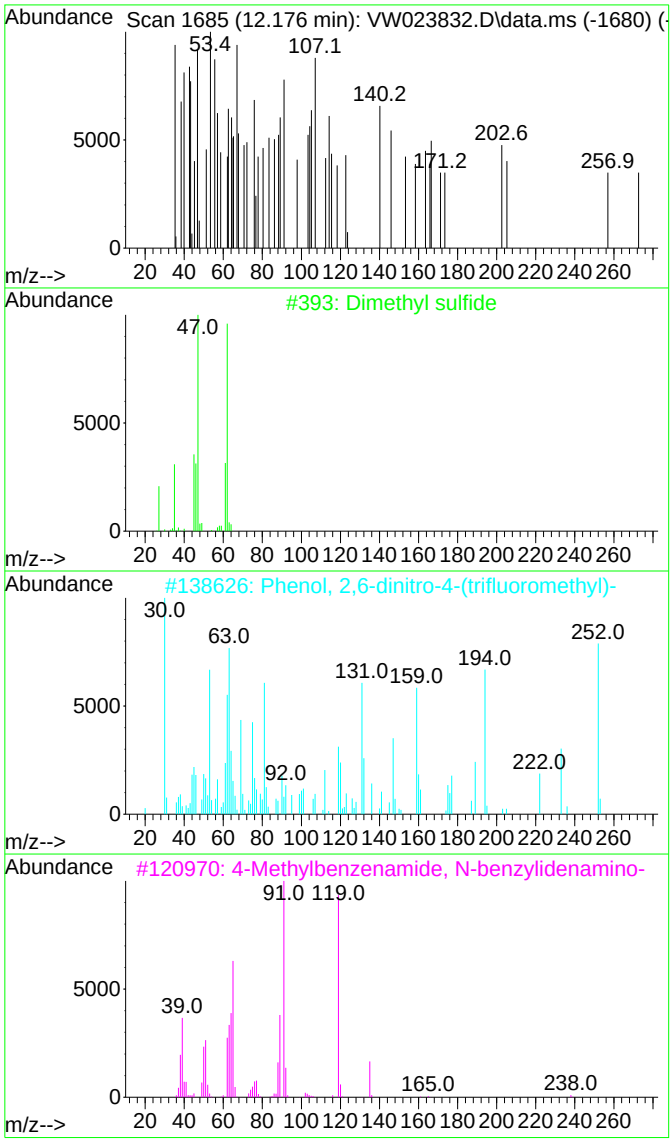
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

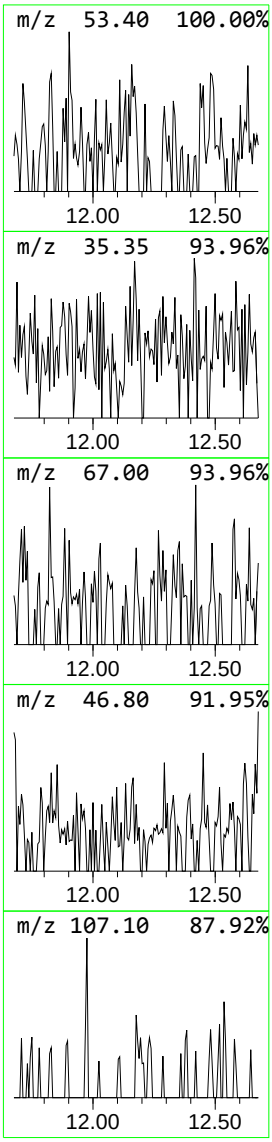
****

Peak Number 21 unknown-17 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.176	1.76 ug/L	3554	Chlorobenzene-d5	11.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	22
2	Phenol, 2,6-dinitro-4-(trifluoro...	252	C7H3F3N2O5	000393-77-1	16
3	4-Methylbenzenamide, N-benzylide...	238	C15H14N2O	1000223-51-2	16
4	1H,4H-Benzimidazol-4(5H)-one, 6,...	197	C8H11N3O3	1000264-88-2	16
5	Benzaldehyde, 3-nitro-, oxime, (E)-	166	C7H6N2O3	003717-29-1	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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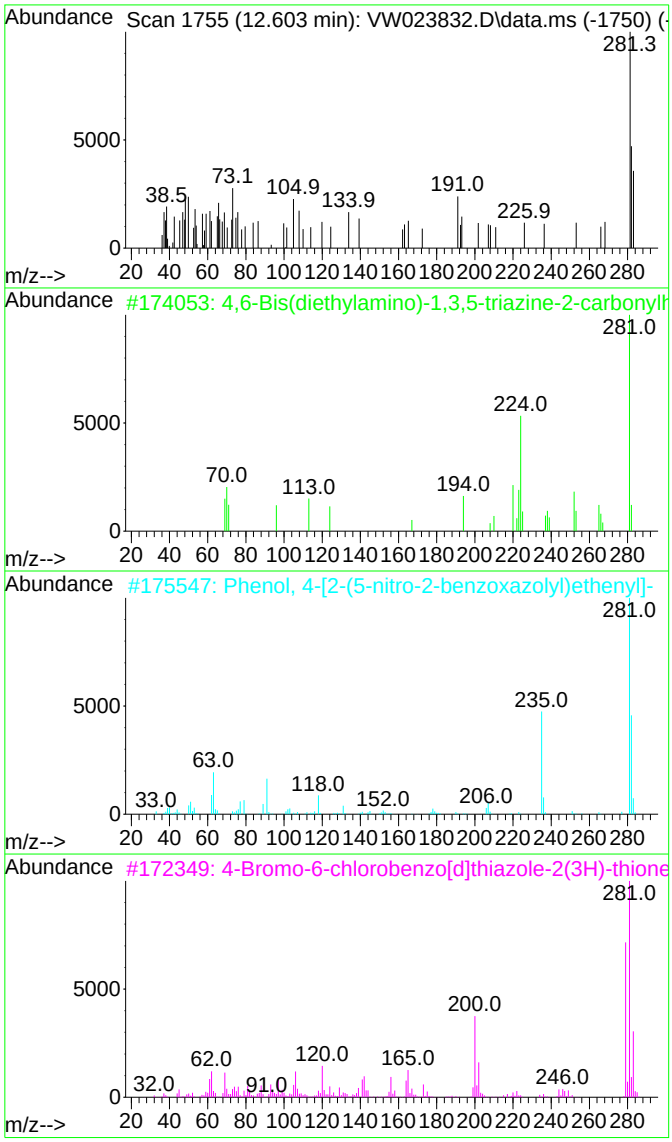
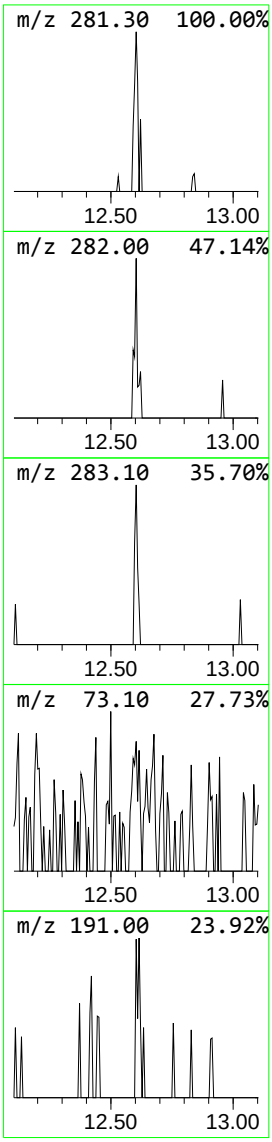
Peak Number 22 unknown-18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.603	2.76 ug/L	4646	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Bis(diethylamino)-1,3,5-tria...	281	C12H23N7O	1000326-88-6	28
2	Phenol, 4-[2-(5-nitro-2-benzoxaz...	282	C15H10N2O4	319490-19-2	27
3	4-Bromo-6-chlorobenzo[d]thiazole...	279	C7H3BrClNS2	1215205-90-5	22
4	Morphinan, 7,8-didehydro-3-metho...	281	C19H23NO	001816-06-4	14
5	3,5-Dimethoxyflavone	282	C17H14O4	078433-52-0	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

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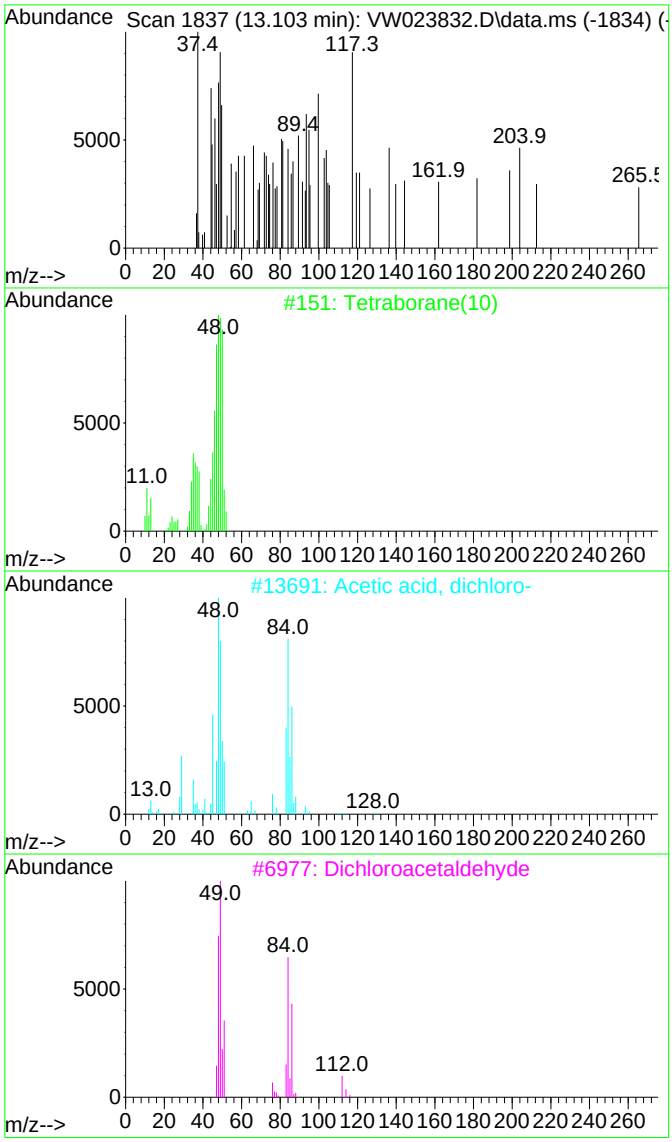
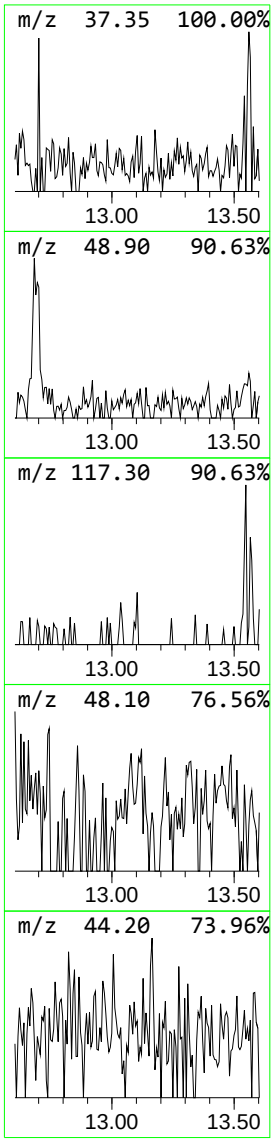
Peak Number 23 unknown-19 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	1.39 ug/L	2339	1,4-Dichlorobenzene-d4	13.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraborane(10)	54	B4H10	018283-93-7	16
2	Acetic acid, dichloro-	128	C2H2Cl2O2	000079-43-6	14
3	Dichloroacetaldehyde	112	C2H2Cl2O	000079-02-7	12
4	3-Bromo-4-trichloromethyl-1,2-ox...	302	C3H2BrCl3O3S	022721-90-0	12
5	Imidazole-5-propionic acid, .bet...	156	C6H8N2O3	1000129-47-8	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023832.D
Acq On : 18 Jul 2022 11:12
Operator : SY/VA
Sample : N3721-02
Misc : 6.58g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F5C22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.605	2.7	ug/L	3284	1	8.842	30868	25.0
unknown-02	3.678	1.3	ug/L	1589	1	8.842	30868	25.0
unknown-03	3.696	1.3	ug/L	1610	1	8.842	30868	25.0
unknown-04	3.873	1.7	ug/L	2153	1	8.842	30868	25.0
unknown-05	4.665	1.8	ug/L	2265	1	8.842	30868	25.0
unknown-06	5.940	2.1	ug/L	2583	1	8.842	30868	25.0
unknown-07	6.232	1.6	ug/L	1915	1	8.842	30868	25.0
unknown-08	6.494	1.6	ug/L	2028	1	8.842	30868	25.0
unknown-09	6.994	1.6	ug/L	2040	1	8.842	30868	25.0
unknown-10	7.250	1.9	ug/L	2291	1	8.842	30868	25.0
unknown-11	7.860	2.0	ug/L	2475	1	8.842	30868	25.0
unknown-12	7.964	1.5	ug/L	1814	1	8.842	30868	25.0
unknown-13	8.976	1.3	ug/L	1611	1	8.842	30868	25.0
2-Propyn-1-amin...	9.207	1.3	ug/L	1564	1	8.842	30868	25.0
unknown-14	9.360	1.6	ug/L	1945	1	8.842	30868	25.0
N-(4-Aminopheny...	9.896	1.4	ug/L	1667	1	8.842	30868	25.0
unknown-15	10.122	1.3	ug/L	1651	1	8.842	30868	25.0
unknown-16	10.201	2.1	ug/L	2577	1	8.842	30868	25.0
2-Pyridinamine,...	10.378	1.4	ug/L	2736	2	11.628	50359	25.0
unknown-17	12.176	1.8	ug/L	3554	2	11.628	50359	25.0
unknown-18	12.603	2.8	ug/L	4646	3	13.560	42139	25.0
unknown-19	13.103	1.4	ug/L	2339	3	13.560	42139	25.0