

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023071.D
 Acq On : 16 May 2022 23:31
 Operator : SY/VA
 Sample : N2843-18
 Misc : 7.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4J8

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023071.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	7	10	18	rVB4	15574	25810	3.63%	0.679%
2	2.178	42	45	49	rBV	8283	10872	1.53%	0.286%
3	2.349	68	73	85	rBV2	121360	210140	29.59%	5.526%
4	2.885	156	161	169	rVB	54283	113192	15.94%	2.977%
5	3.843	316	318	321	rVB4	1141	782	0.11%	0.021%
6	3.910	324	329	330	rBV4	1148	1542	0.22%	0.041%
7	3.928	330	332	335	rVB3	1183	1289	0.18%	0.034%
8	4.019	335	347	359	rBV	76857	249967	35.20%	6.573%
9	4.349	397	401	402	rBV3	1473	1784	0.25%	0.047%
10	4.562	435	436	439	rBV2	867	700	0.10%	0.018%
11	4.775	469	471	473	rBV3	925	1018	0.14%	0.027%
12	4.922	485	495	502	rBV4	10774	36516	5.14%	0.960%
13	5.336	560	563	565	rBV3	1065	1125	0.16%	0.030%
14	5.361	565	567	570	rVB4	950	798	0.11%	0.021%
15	5.507	588	591	592	rBV3	675	697	0.10%	0.018%
16	5.672	617	618	620	rBV2	931	807	0.11%	0.021%
17	5.690	620	621	624	rVB2	1434	1123	0.16%	0.030%
18	5.726	624	627	628	rVB3	732	606	0.09%	0.016%
19	5.745	628	630	632	rBV3	1131	952	0.13%	0.025%
20	5.946	654	663	667	rBV5	5832	16504	2.32%	0.434%
21	6.068	679	683	684	rBV3	861	1036	0.15%	0.027%
22	6.110	688	690	692	rVB3	1345	878	0.12%	0.023%
23	6.293	719	720	723	rBV3	870	907	0.13%	0.024%
24	6.434	741	743	745	rVB3	1080	717	0.10%	0.019%
25	6.519	752	757	761	rVB5	1584	2598	0.37%	0.068%
26	6.562	761	764	766	rBV2	889	791	0.11%	0.021%
27	6.592	767	769	774	rVB5	1105	1667	0.23%	0.044%
28	6.629	774	775	778	rBV3	860	1089	0.15%	0.029%
29	6.690	782	785	787	rVB3	924	887	0.12%	0.023%
30	6.720	788	790	793	rBV4	771	1103	0.16%	0.029%
31	6.812	804	805	807	rBV	770	581	0.08%	0.015%
32	6.891	816	818	819	rBV2	1179	955	0.13%	0.025%
33	7.074	841	848	858	rBV	40275	112030	15.78%	2.946%
34	7.281	880	882	885	rVB3	882	913	0.13%	0.024%
35	7.531	920	923	925	rBV2	1162	1020	0.14%	0.027%
36	7.647	933	942	955	rVB	138798	345848	48.70%	9.095%

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 Title : SFAM01.0

37	7.872	977	979	982	rBV4	1170	1650	0.23%	0.043%
38	8.049	1006	1008	1010	rVB3	979	599	0.08%	0.016%
39	8.153	1020	1025	1026	rBV5	1386	2361	0.33%	0.062%
40	8.275	1036	1045	1060	rBV2	223735	710159	100.00%	18.675%
41	8.842	1129	1138	1149	rBV	200558	404746	56.99%	10.643%
42	9.073	1174	1176	1183	rVB7	3771	5886	0.83%	0.155%
43	9.207	1197	1198	1200	rBV2	990	761	0.11%	0.020%
44	9.275	1200	1209	1217	rBV	158100	319550	45.00%	8.403%
45	9.439	1235	1236	1238	rVB2	1069	652	0.09%	0.017%
46	9.524	1246	1250	1253	rBV6	1316	2011	0.28%	0.053%
47	9.555	1253	1255	1256	rBV2	1184	759	0.11%	0.020%
48	9.799	1293	1295	1298	rBV3	1550	1518	0.21%	0.040%
49	9.829	1298	1300	1303	rBV4	717	772	0.11%	0.020%
50	10.037	1327	1334	1343	rBV	52742	98292	13.84%	2.585%
51	10.128	1347	1349	1353	rVB4	1276	1573	0.22%	0.041%
52	10.177	1355	1357	1358	rBV2	936	579	0.08%	0.015%
53	10.213	1361	1363	1367	rBV4	814	746	0.11%	0.020%
54	10.323	1372	1381	1388	rBV	177170	310036	43.66%	8.153%
55	10.384	1388	1391	1397	rVB	12668	22267	3.14%	0.586%
56	10.579	1417	1423	1430	rVB2	28176	50068	7.05%	1.317%
57	10.707	1440	1444	1447	rVB3	1711	2201	0.31%	0.058%
58	10.927	1472	1480	1489	rBV	96384	174403	24.56%	4.586%
59	11.219	1526	1528	1533	rBV6	1532	2043	0.29%	0.054%
60	11.628	1588	1595	1603	rBV	117021	206710	29.11%	5.436%
61	11.835	1625	1629	1632	rBV5	2724	4338	0.61%	0.114%
62	11.920	1641	1643	1647	rVB2	946	682	0.10%	0.018%
63	11.957	1647	1649	1651	rBV2	987	938	0.13%	0.025%
64	12.097	1670	1672	1674	rVB2	802	618	0.09%	0.016%
65	12.164	1677	1683	1684	rBV6	1556	2444	0.34%	0.064%
66	12.335	1708	1711	1713	rBV4	1484	1428	0.20%	0.038%
67	12.396	1717	1721	1723	rBV5	915	1098	0.15%	0.029%
68	12.567	1746	1749	1750	rBV2	766	845	0.12%	0.022%
69	12.609	1750	1756	1759	rVB5	4182	7587	1.07%	0.200%
70	12.689	1763	1769	1777	rVB	96315	164759	23.20%	4.333%
71	12.743	1777	1778	1779	rBV	1162	634	0.09%	0.017%
72	12.999	1817	1820	1821	rBV3	712	761	0.11%	0.020%
73	13.024	1822	1824	1827	rVV4	1047	747	0.11%	0.020%
74	13.097	1834	1836	1841	rVB6	1019	980	0.14%	0.026%
75	13.164	1845	1847	1848	rVB2	1106	602	0.08%	0.016%
76	13.195	1848	1852	1854	rBV4	1596	2221	0.31%	0.058%

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 Title : SFAM01.0

77	13.243	1858	1860	1861	rBV	1351	1005	0.14%	0.026%
78	13.353	1876	1878	1881	rBV3	892	750	0.11%	0.020%
79	13.396	1881	1885	1887	rBV3	1203	1573	0.22%	0.041%
80	13.499	1900	1902	1903	rVV2	1109	1017	0.14%	0.027%
81	13.554	1906	1911	1922	rVB2	30913	53434	7.52%	1.405%
82	13.749	1940	1943	1947	rBV4	1675	2512	0.35%	0.066%
83	13.786	1947	1949	1953	rVB4	1053	982	0.14%	0.026%
84	13.853	1953	1960	1968	rBV	28948	55116	7.76%	1.449%
85	13.987	1979	1982	1983	rBV2	697	736	0.10%	0.019%
86	14.005	1983	1985	1988	rVB3	1413	1146	0.16%	0.030%
87	14.066	1988	1995	1998	rBV4	3898	7159	1.01%	0.188%
88	14.280	2028	2030	2033	rBV3	769	1084	0.15%	0.029%
89	14.414	2050	2052	2054	rBV3	1051	1354	0.19%	0.036%
90	14.560	2074	2076	2079	rBV4	1371	1866	0.26%	0.049%
91	14.591	2079	2081	2083	rBV2	1109	942	0.13%	0.025%
92	14.847	2120	2123	2124	rBV	761	779	0.11%	0.020%
93	14.950	2138	2140	2143	rBV3	1172	1669	0.24%	0.044%
94	15.115	2165	2167	2170	rBV4	593	761	0.11%	0.020%
95	15.286	2192	2195	2197	rVB3	1582	1882	0.27%	0.049%
96	15.755	2270	2272	2273	rBV2	1372	750	0.11%	0.020%
97	15.865	2287	2290	2297	rBV8	2015	3050	0.43%	0.080%
98	16.090	2325	2327	2330	rVB4	936	585	0.08%	0.015%
99	16.267	2354	2356	2360	rVV4	997	1275	0.18%	0.034%
100	16.743	2432	2434	2435	rBV2	1085	1115	0.16%	0.029%

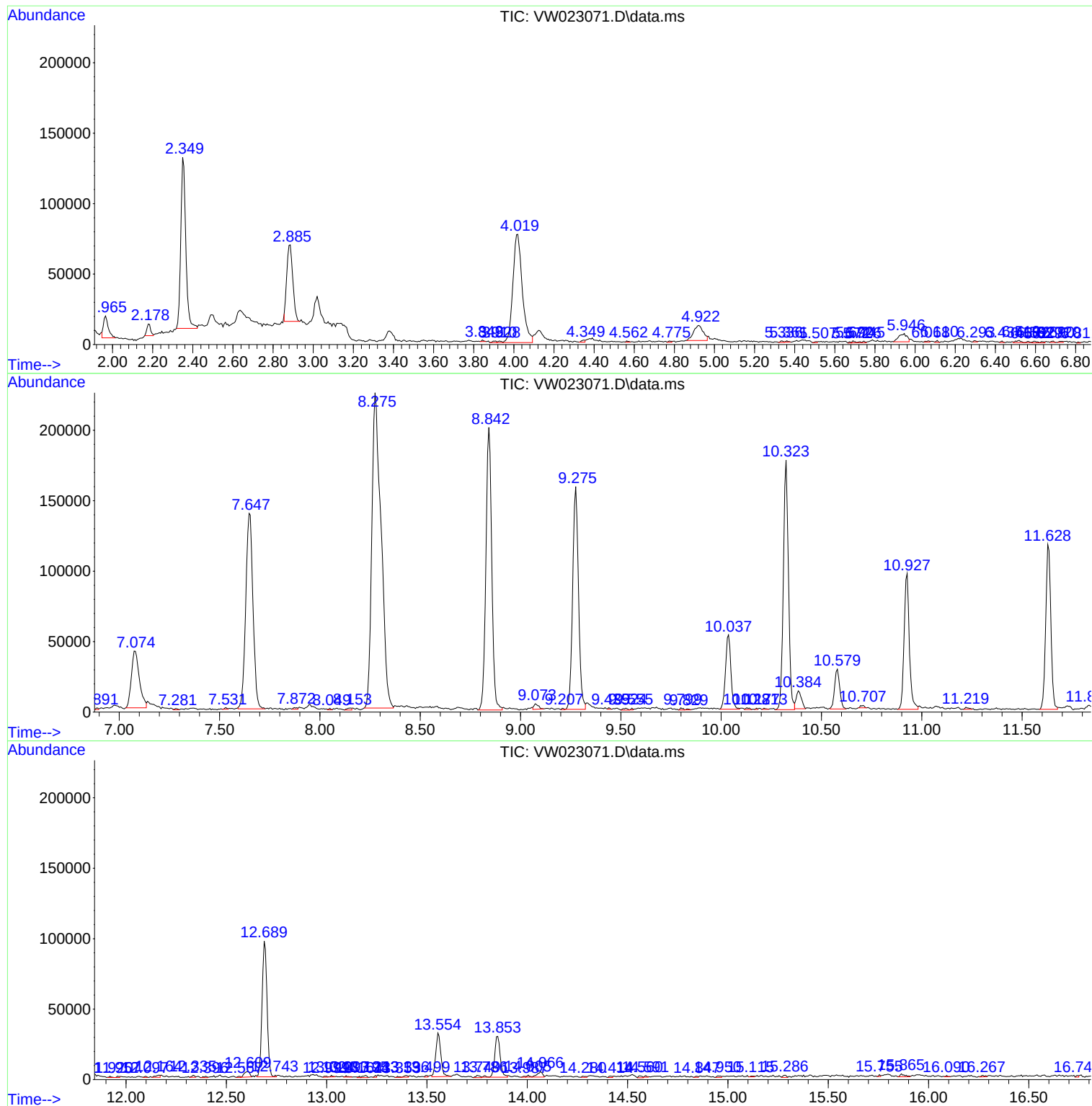
Sum of corrected areas: 3802810

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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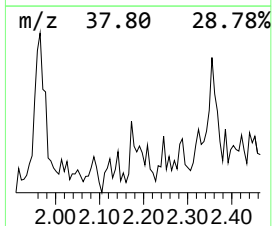
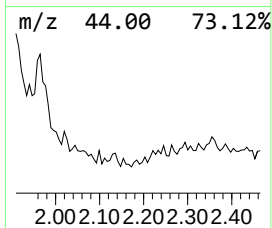
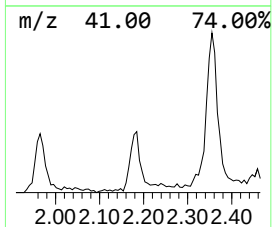
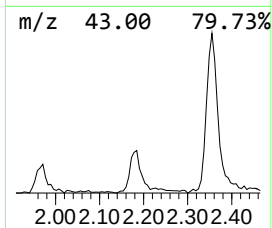
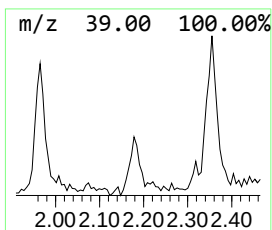
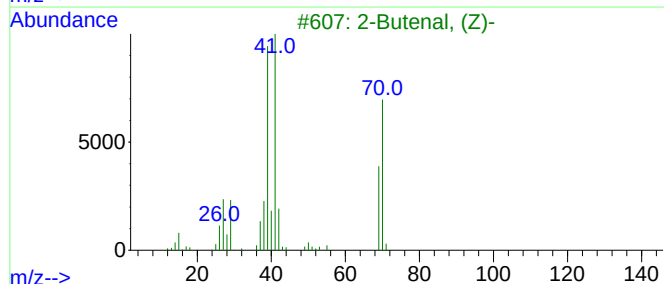
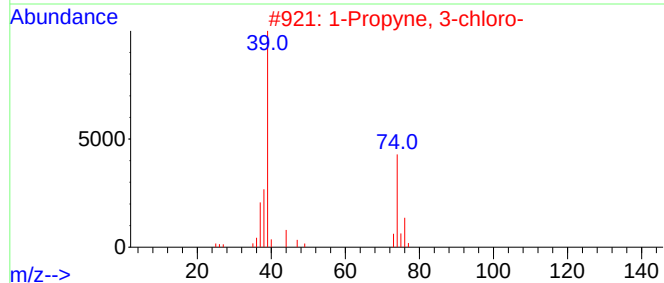
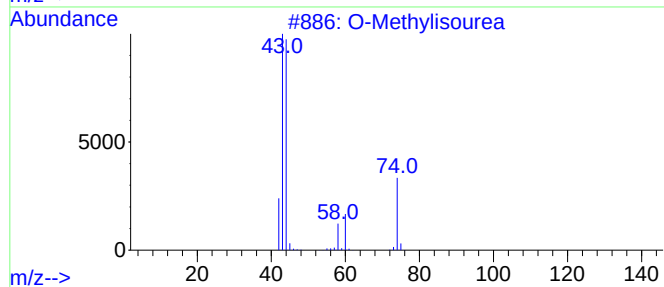
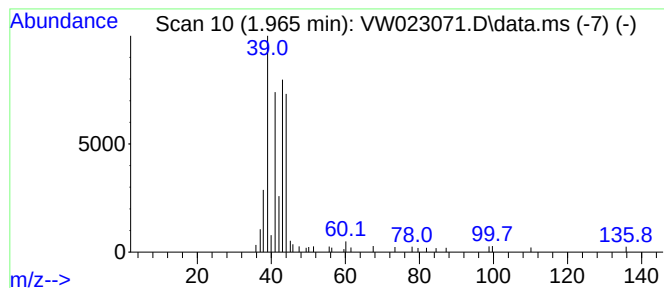
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.965	1.59 ug/L	25810	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			O-Methylisourea	74	C2H6N2O	002440-60-0	40
2			1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	36
3			2-Butenal, (Z)-	70	C4H6O	015798-64-8	33
4			Methacrolein	70	C4H6O	000078-85-3	33
5			N-(2-Methylacryloyl)imidazola	136	C7H8N2O	054060-80-9	9



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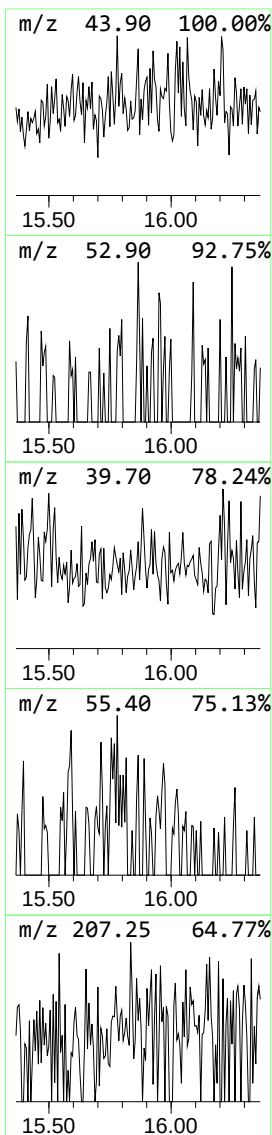
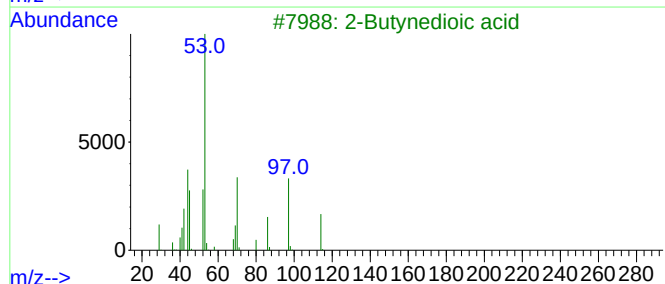
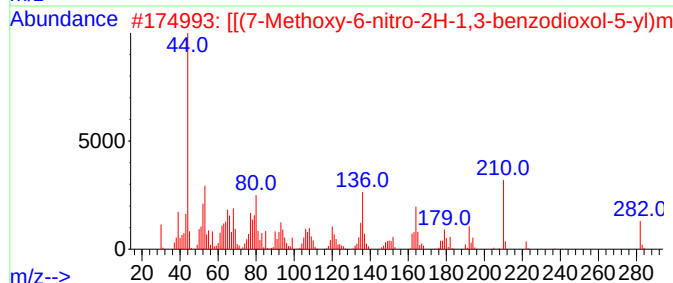
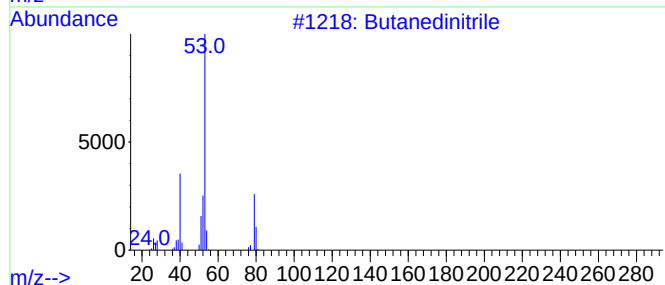
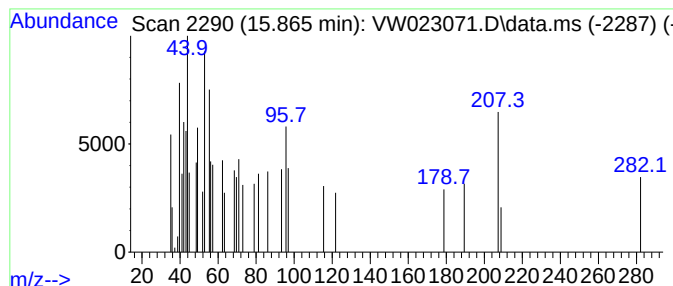
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.865	1.43 ug/L	3050	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanedinitrile	80	C4H4N2	000110-61-2	22
2			[[(7-Methoxy-6-nitro-2H-1,3-benz...	282	C10H10N4O6	1000387-81-5	17
3			2-Butynedioic acid	114	C4H2O4	000142-45-0	12
4			Methyl 4-(2,4-dinitrophenylhydra...	310	C12H14N4O6	1000223-63-9	10
5			1,1-Dicyanoethane	80	C4H4N2	003696-36-4	10



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.965	1.6	ug/L	25810	1	8.842	404746	25.0
unknown-02	15.865	1.4	ug/L	3050	3	13.554	53434	25.0