

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077776.D
 Acq On : 07 Dec 2023 15:18
 Operator : JC/SY
 Sample : 05646-13
 Misc : 3.84G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AS0

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_D\Method\SFAMDLM112923SMA.M
 Title : SFAM01.0

Signal : TIC: VD077776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	13	18	21	rBV	32875	47541	0.02%	0.004%
2	1.746	21	27	43	rVB	7433906	10229040	4.43%	0.812%
3	1.923	54	57	64	rVB	28213	38616	0.02%	0.003%
4	2.123	80	91	103	rBV	72466	374509	0.16%	0.030%
5	2.281	114	118	125	rVB	227252	338303	0.15%	0.027%
6	2.811	203	208	217	rVB	178729	336535	0.15%	0.027%
7	3.164	267	268	271	rVB2	3679	2786	0.00%	0.000%
8	3.199	271	274	277	rBV3	2388	4190	0.00%	0.000%
9	3.270	282	286	287	rBV	2308	2884	0.00%	0.000%
10	3.305	287	292	294	rBV3	4990	7608	0.00%	0.001%
11	3.428	310	313	316	rVV3	3472	5248	0.00%	0.000%
12	3.452	316	317	320	rVB2	3431	2759	0.00%	0.000%
13	3.599	339	342	344	rBV	2601	3759	0.00%	0.000%
14	3.699	355	359	362	rVB2	2330	3158	0.00%	0.000%
15	3.746	365	367	370	rVB	2162	2400	0.00%	0.000%
16	3.928	386	398	408	rBV2	173678	477564	0.21%	0.038%
17	4.017	411	413	414	rBV2	3680	3044	0.00%	0.000%
18	4.252	450	453	454	rBV	3795	3553	0.00%	0.000%
19	4.269	454	456	457	rBV	4951	3197	0.00%	0.000%
20	4.369	470	473	475	rBV	3536	2961	0.00%	0.000%
21	4.546	502	503	507	rVB	2022	2113	0.00%	0.000%
22	4.622	514	516	519	rVB	3336	2603	0.00%	0.000%
23	4.646	519	520	523	rBV	3172	2552	0.00%	0.000%
24	4.758	536	539	540	rBV2	2289	2512	0.00%	0.000%
25	4.793	542	545	546	rBV3	3922	3085	0.00%	0.000%
26	4.916	565	566	571	rVB4	4072	4941	0.00%	0.000%
27	5.011	578	582	584	rBV	2337	2810	0.00%	0.000%
28	5.075	591	593	595	rBV	2776	2471	0.00%	0.000%
29	5.187	609	612	613	rVB	2991	2068	0.00%	0.000%
30	5.258	620	624	627	rVB2	1524	2058	0.00%	0.000%
31	5.328	633	636	639	rVB	2820	2784	0.00%	0.000%
32	5.681	694	696	697	rVV2	2844	2045	0.00%	0.000%
33	5.822	717	720	721	rBV2	4333	4874	0.00%	0.000%
34	5.834	721	722	723	rVV	4519	2245	0.00%	0.000%
35	5.858	723	726	730	rVV3	3997	7008	0.00%	0.001%
36	5.940	737	740	741	rVB	3634	2550	0.00%	0.000%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Title : SFAM01.0

37	5.981	746	747	750	rBV	2347	2051	0.00%	0.000%
38	6.011	750	752	756	rVB	3387	4184	0.00%	0.000%
39	6.040	756	757	760	rBV	2357	2445	0.00%	0.000%
40	6.181	779	781	783	rVB2	2774	2207	0.00%	0.000%
41	6.269	794	796	799	rBV	2307	2044	0.00%	0.000%
42	6.375	811	814	816	rBV2	1879	2350	0.00%	0.000%
43	6.534	838	841	842	rBV	2611	2776	0.00%	0.000%
44	6.581	846	849	852	rVB	3148	3345	0.00%	0.000%
45	6.634	855	858	861	rBV2	3986	5104	0.00%	0.000%
46	6.893	895	902	910	rBV6	14078	39876	0.02%	0.003%
47	6.999	912	920	928	rBV2	29476	78867	0.03%	0.006%
48	7.216	954	957	961	rVB2	3537	4236	0.00%	0.000%
49	7.252	961	963	964	rBV	3167	2332	0.00%	0.000%
50	7.575	1008	1018	1029	rBV	198542	535024	0.23%	0.042%
51	7.793	1051	1055	1056	rVB	2344	2391	0.00%	0.000%
52	7.881	1061	1070	1074	rBV6	14258	35463	0.02%	0.003%
53	7.958	1081	1083	1084	rBV	4073	3097	0.00%	0.000%
54	7.993	1087	1089	1092	rVB	2852	2500	0.00%	0.000%
55	8.093	1101	1106	1109	rBV3	4774	9437	0.00%	0.001%
56	8.263	1116	1135	1138	rBV7	71512963	190982280	82.75%	15.162%
57	8.640	1194	1199	1200	rBV5	9060	14142	0.01%	0.001%
58	8.787	1216	1224	1233	rBV	434462	921764	0.40%	0.073%
59	8.993	1257	1259	1260	rBV	3388	2327	0.00%	0.000%
60	9.069	1270	1272	1275	rBV2	3785	4497	0.00%	0.000%
61	9.216	1289	1297	1305	rBV	260815	604864	0.26%	0.048%
62	9.463	1335	1339	1345	rVB4	12402	19151	0.01%	0.002%
63	9.657	1368	1372	1380	rVB4	13665	29297	0.01%	0.002%
64	9.869	1406	1408	1410	rBV	3557	3471	0.00%	0.000%
65	9.987	1420	1428	1437	rBV	142758	294450	0.13%	0.023%
66	10.052	1437	1439	1443	rVB2	3907	2792	0.00%	0.000%
67	10.081	1443	1444	1446	rBV	2991	2061	0.00%	0.000%
68	10.163	1455	1458	1463	rBV3	2819	4568	0.00%	0.000%
69	10.281	1469	1478	1484	rBV	450709	948422	0.41%	0.075%
70	10.346	1484	1489	1497	rVB	131360	273985	0.12%	0.022%
71	10.457	1502	1508	1514	rVB4	8795	21840	0.01%	0.002%
72	10.534	1514	1521	1530	rBV2	83805	170997	0.07%	0.014%
73	10.669	1537	1544	1554	rBV2	43065	99568	0.04%	0.008%
74	10.804	1565	1567	1569	rBV	3415	2442	0.00%	0.000%
75	10.904	1574	1584	1594	rVV	82492	244374	0.11%	0.019%
76	11.028	1600	1605	1608	rBV5	8835	15845	0.01%	0.001%

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Title : SFAM01.0

77	11.610	1695	1704	1712	rBV4	84130580	230791436	100.00%	18.322%
78	12.193	1800	1803	1811	rVB3	30463	57755	0.03%	0.005%
79	12.581	1864	1869	1875	rVB	69303	119796	0.05%	0.010%
80	12.657	1875	1882	1888	rBV	178567	311932	0.14%	0.025%
81	12.857	1908	1916	1922	rBV	7441926	11675064	5.06%	0.927%
82	12.910	1922	1925	1928	rVV	291484	459303	0.20%	0.036%
83	12.957	1928	1933	1941	rVB	1227346	2060864	0.89%	0.164%
84	13.475	2009	2021	2027	rBV	48280565	86397258	37.44%	6.859%
85	13.540	2027	2032	2037	rVV	97154919	181908787	78.82%	14.442%
86	13.593	2039	2041	2061	rVB2	87769146	96021337	41.61%	7.623%
87	13.845	2075	2084	2103	rVB2	91794645	162896644	70.58%	12.932%
88	14.051	2115	2119	2127	rVB2	49374	79826	0.03%	0.006%
89	14.240	2146	2151	2159	rBV3	54107	100384	0.04%	0.008%
90	14.440	2179	2185	2193	rBV	302501	511126	0.22%	0.041%
91	14.557	2197	2205	2211	rBV	7761297	15207707	6.59%	1.207%
92	14.716	2226	2232	2238	rBV	320454	519232	0.22%	0.041%
93	14.892	2255	2262	2274	rVB	535008	958675	0.42%	0.076%
94	15.104	2290	2298	2300	rBV2	109070411	164071198	71.09%	13.026%
95	15.334	2333	2337	2345	rVB	89700	163550	0.07%	0.013%
96	15.528	2361	2370	2383	rBV	57873462	96202103	41.68%	7.637%
97	15.798	2412	2416	2422	rVB4	47427	84107	0.04%	0.007%
98	16.234	2486	2490	2497	rVB3	49486	99183	0.04%	0.008%
99	16.357	2505	2511	2518	rVB3	90622	184025	0.08%	0.015%
100	16.563	2535	2546	2559	rVB	487157	1390149	0.60%	0.110%

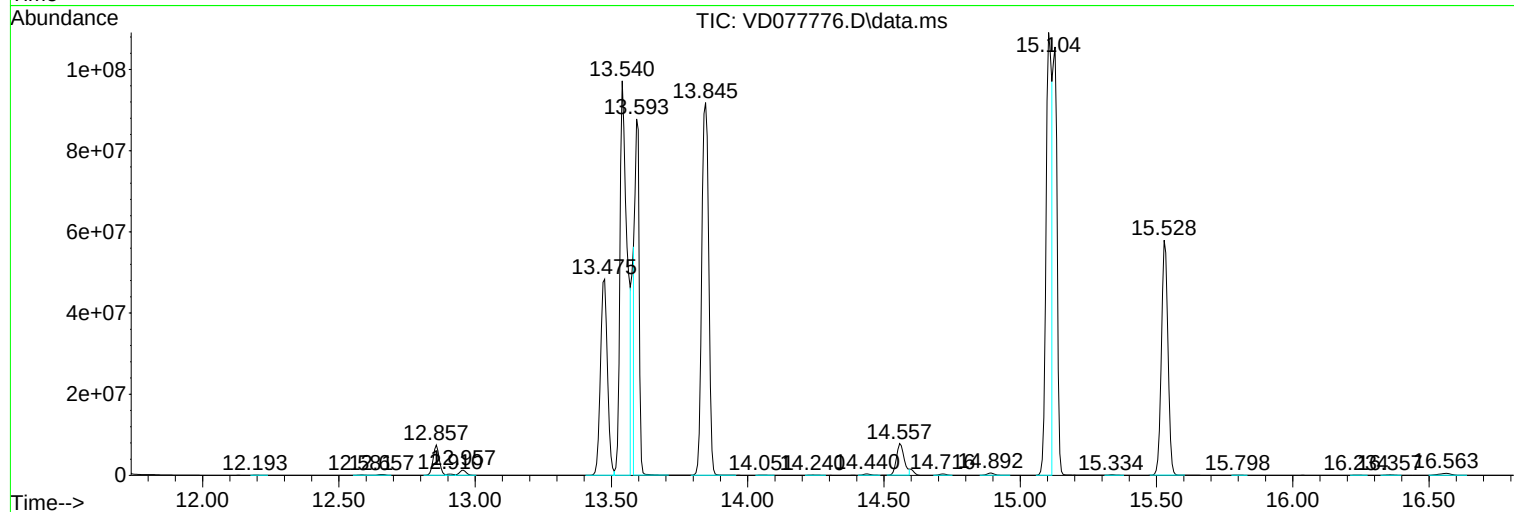
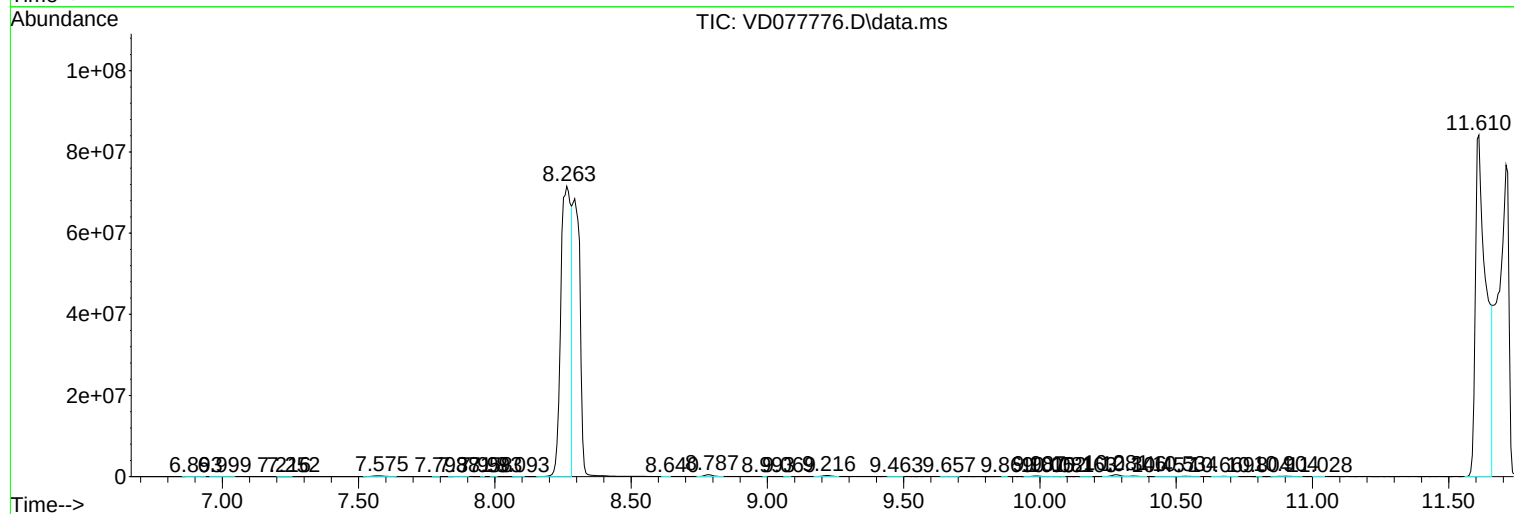
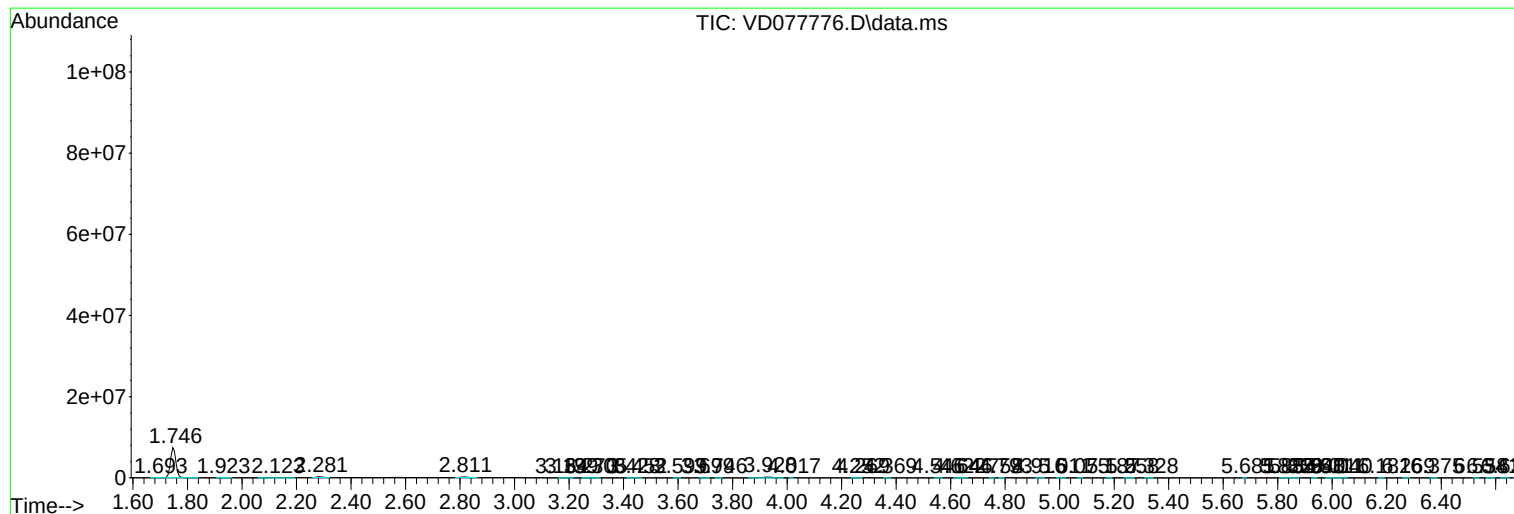
Sum of corrected areas: 1259612681

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
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Instrument :
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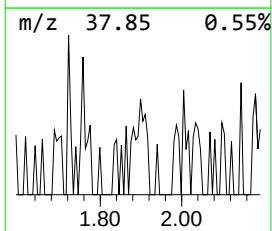
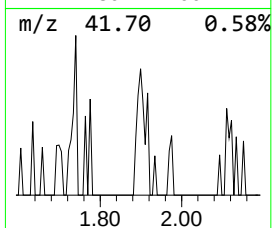
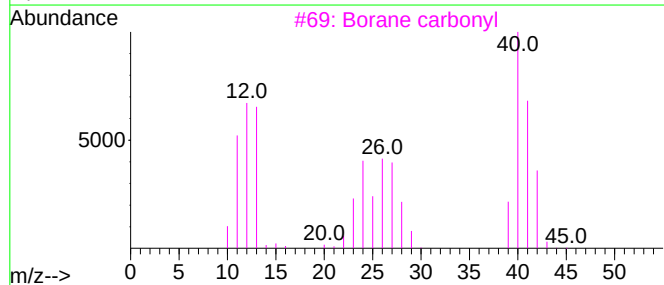
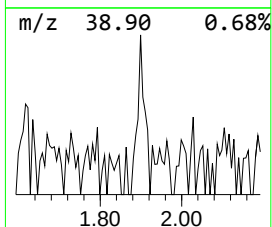
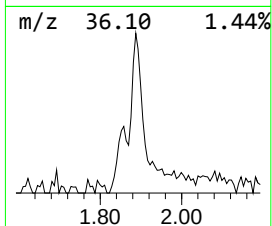
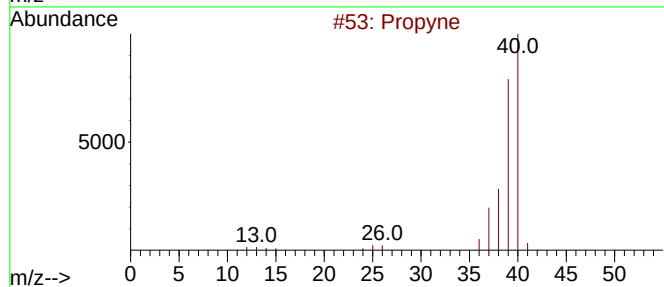
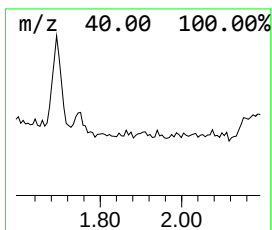
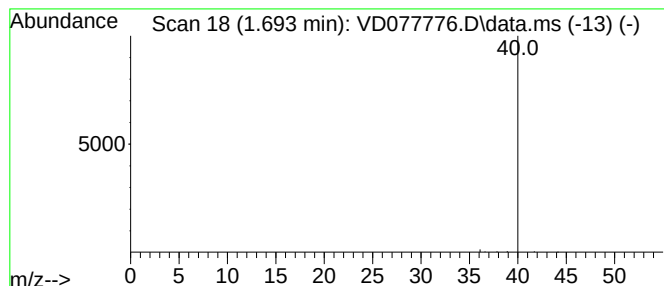
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.693	1.29 ug/L	47541	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propyne	40	C3H4	000074-99-7	2
2			Argon	40	Ar	007440-37-1	2
3			Borane carbonyl	42	CH3BO	013205-44-2	1
4			2-Chloroethylamine	79	C2H6ClN	000689-98-5	1
5			Allene	40	C3H4	000463-49-0	1



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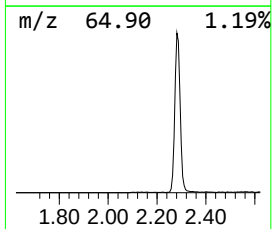
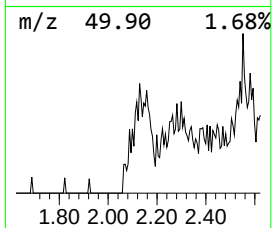
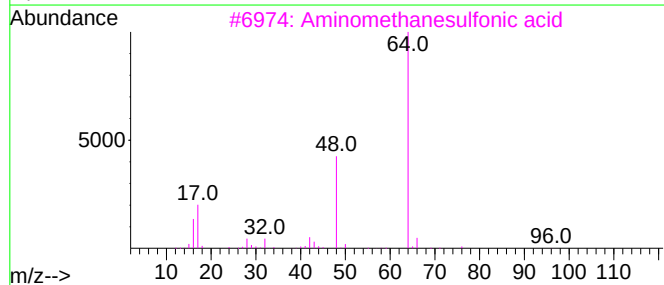
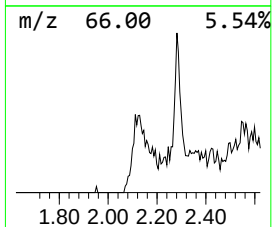
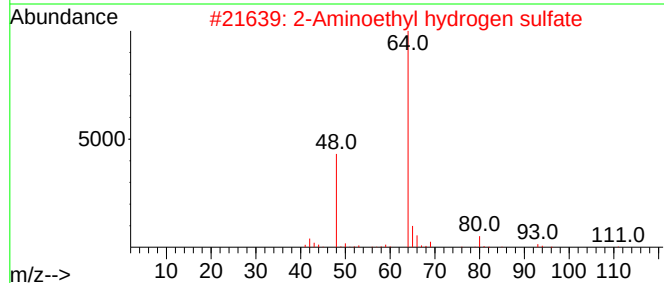
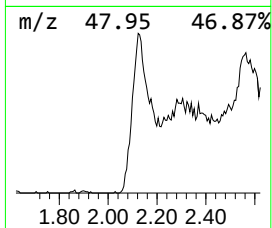
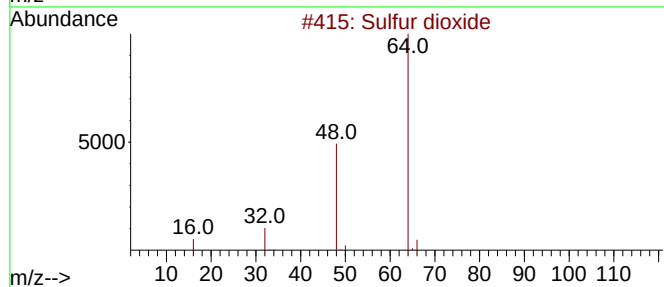
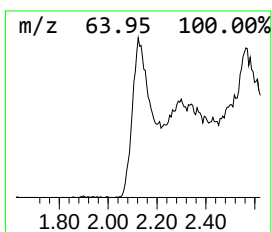
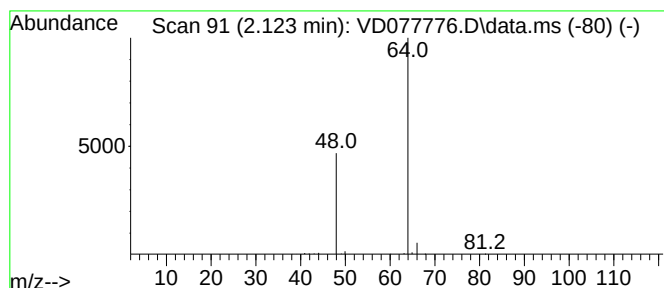
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.123	10.16 ug/L	374509	1,4-Difluorobenzene	8.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	83
3			Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	83
4			L-Alanine, 3-sulfo-	169	C3H7N05S	000498-40-8	9
5			Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	9



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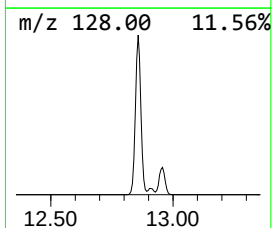
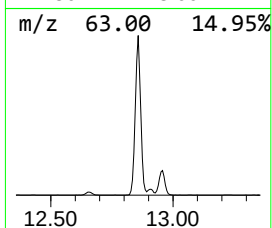
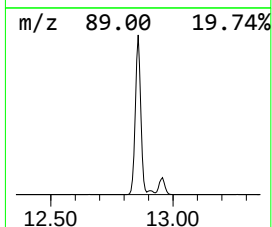
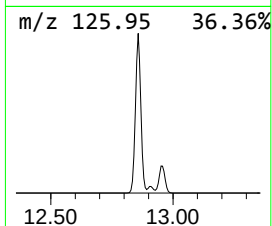
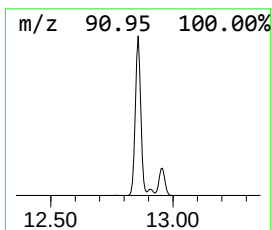
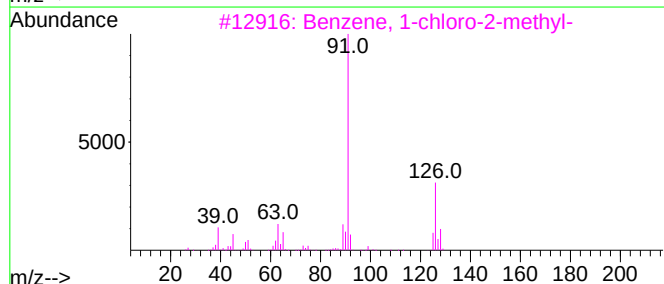
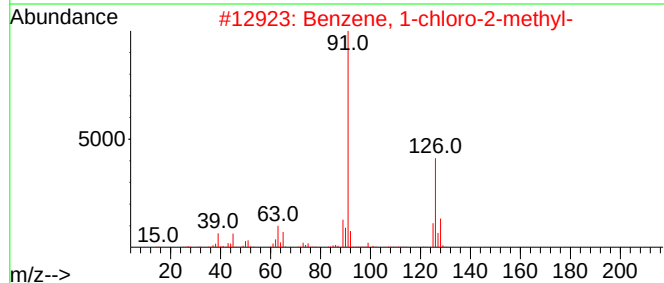
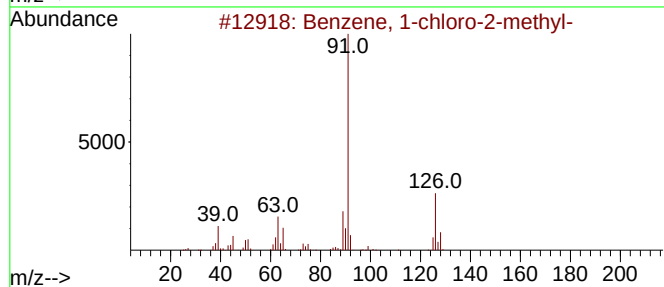
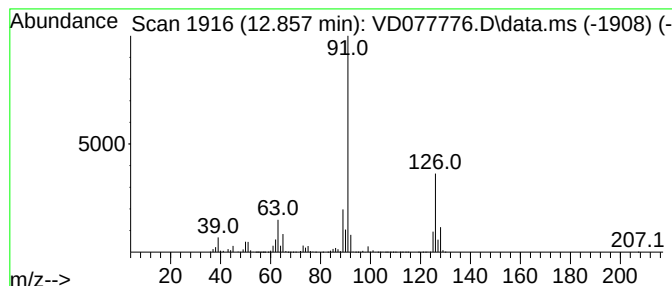
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Benzene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	1.60 ug/L	11675100	1,4-Dichlorobenzene-d4	13.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
3			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
5			Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
Data File : VD077776.D
Acq On : 07 Dec 2023 15:18
Operator : JC/SY
Sample : 05646-13
Misc : 3.84G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AS0

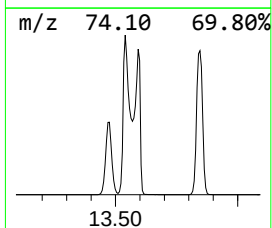
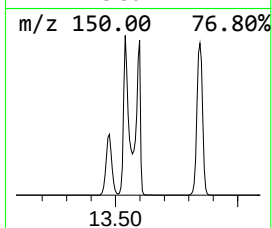
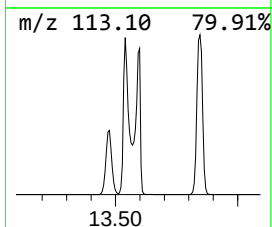
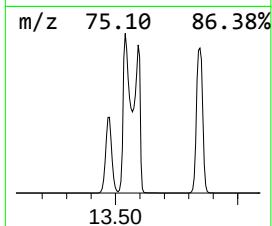
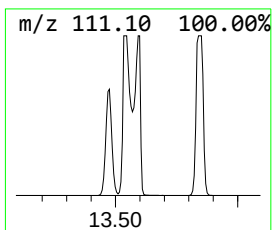
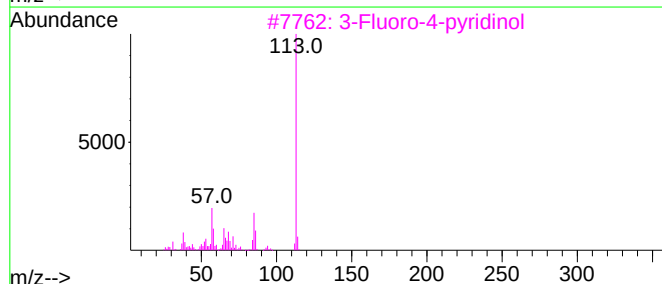
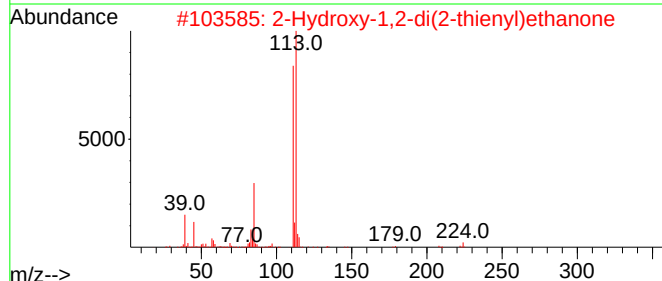
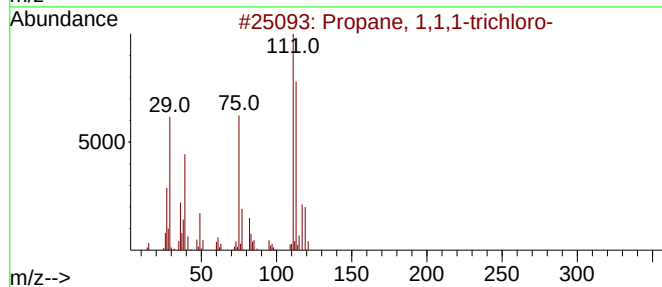
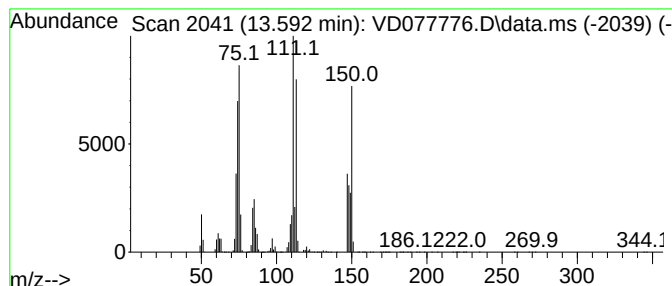
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	13.20 ug/L	96021300	1,4-Dichlorobenzene-d4	13.540

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1,1-trichloro-	146	C3H5Cl3	007789-89-1	25
2			2-Hydroxy-1,2-di(2-thienyl)ethanone	224	C10H8O2S2	027761-02-0	16
3			3-Fluoro-4-pyridinol	113	C5H4FNO	022282-73-1	10
4			3-Fluoro-5-hydroxypyridine	113	C5H4FNO	209328-55-2	9
5			2-Fluoro-5-hydroxypyridine	113	C5H4FNO	055758-32-2	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
Data File : VD077776.D
Acq On : 07 Dec 2023 15:18
Operator : JC/SY
Sample : 05646-13
Misc : 3.84G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0AS0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.693	1.3	ug/L	47541	1	8.781	921764	25.0
Sulfur dioxide	2.123	10.2	ug/L	374509	1	8.781	921764	25.0
Benzene, 1-chlo...	12.857	1.6	ug/L	11675100	3	13.540	181909000	25.0
unknown-02	13.592	13.2	ug/L	96021300	3	13.540	181909000	25.0