

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023742.D
 Acq On : 15 Jul 2022 11:20
 Operator : SY/VA
 Sample : N3701-09
 Misc : 6.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B82

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: VW023742.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	47	rBV	18816	39345	5.42%	0.692%
2	2.343	68	72	80	rVB	86468	141824	19.53%	2.494%
3	2.879	155	160	167	rVB	61048	131799	18.15%	2.318%
4	3.842	316	318	319	rBV2	1163	960	0.13%	0.017%
5	4.013	333	346	359	rBV2	55098	179418	24.70%	3.155%
6	4.318	394	396	398	rBV2	1186	810	0.11%	0.014%
7	4.385	398	407	420	rVB3	12604	44101	6.07%	0.776%
8	4.556	432	435	437	rBV4	1637	1722	0.24%	0.030%
9	4.800	473	475	476	rBV2	1011	853	0.12%	0.015%
10	4.909	480	493	494	rBV7	11110	29921	4.12%	0.526%
11	5.056	515	517	520	rVV4	820	795	0.11%	0.014%
12	5.165	533	535	537	rBV2	1571	1432	0.20%	0.025%
13	5.324	559	561	563	rVB3	1537	933	0.13%	0.016%
14	5.397	571	573	576	rBV4	1077	979	0.13%	0.017%
15	5.537	594	596	598	rBV3	1543	1497	0.21%	0.026%
16	5.635	610	612	616	rVB5	1544	2045	0.28%	0.036%
17	5.720	624	626	628	rBV2	1016	913	0.13%	0.016%
18	5.812	639	641	646	rVB6	1814	2093	0.29%	0.037%
19	5.854	646	648	650	rBV3	1315	1167	0.16%	0.021%
20	5.927	655	660	666	rVV8	4104	10918	1.50%	0.192%
21	6.001	670	672	674	rVB3	1040	862	0.12%	0.015%
22	6.043	677	679	681	rVB3	1773	1420	0.20%	0.025%
23	6.068	681	683	686	rBV4	2084	2425	0.33%	0.043%
24	6.275	716	717	722	rVB5	1203	1377	0.19%	0.024%
25	6.324	722	725	728	rVB5	1578	1766	0.24%	0.031%
26	6.360	728	731	732	rBV3	1134	1238	0.17%	0.022%
27	6.379	732	734	736	rBV2	1413	1008	0.14%	0.018%
28	6.446	743	745	748	rBV4	1466	1384	0.19%	0.024%
29	6.482	748	751	755	rVV6	1052	1521	0.21%	0.027%
30	6.805	803	804	807	rBV3	560	746	0.10%	0.013%
31	6.836	807	809	813	rVB5	1447	818	0.11%	0.014%
32	6.946	825	827	828	rBV2	1847	1205	0.17%	0.021%
33	6.982	831	833	834	rVB2	1639	887	0.12%	0.016%
34	7.000	834	836	839	rVB4	938	1058	0.15%	0.019%
35	7.080	839	849	855	rBV	23156	63555	8.75%	1.118%
36	7.378	896	898	901	rVB4	950	932	0.13%	0.016%

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Integrator: RTE

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Sampling : 1

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Stop Thrs : 0

Peak Location: TOP

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

37	7.433	905	907	911	rBV4	1205	1959	0.27%	0.034%
38	7.488	914	916	918	rBV3	1233	1122	0.15%	0.020%
39	7.647	931	942	951	rBV	120227	299084	41.18%	5.259%
40	7.762	959	961	963	rBV3	1154	806	0.11%	0.014%
41	7.817	967	970	974	rBV6	2195	2600	0.36%	0.046%
42	7.848	974	975	978	rBV3	943	1117	0.15%	0.020%
43	7.945	986	991	994	rBV7	1371	1993	0.27%	0.035%
44	8.067	1007	1011	1013	rVB5	1381	2145	0.30%	0.038%
45	8.092	1013	1015	1018	rBV4	1231	1667	0.23%	0.029%
46	8.177	1027	1029	1031	rVB3	1233	755	0.10%	0.013%
47	8.275	1035	1045	1061	rVV2	238951	726265	100.00%	12.771%
48	8.671	1108	1110	1111	rBV2	1185	1013	0.14%	0.018%
49	8.842	1130	1138	1149	rVV	271119	543490	74.83%	9.557%
50	9.061	1166	1174	1175	rBV8	4858	7591	1.05%	0.133%
51	9.274	1201	1209	1218	rBV	175870	349594	48.14%	6.148%
52	9.494	1244	1245	1246	rBV	1122	753	0.10%	0.013%
53	9.585	1256	1260	1261	rBV4	1253	1368	0.19%	0.024%
54	9.665	1269	1273	1275	rBV4	2023	3301	0.45%	0.058%
55	9.805	1294	1296	1298	rVV3	1309	1107	0.15%	0.019%
56	9.829	1298	1300	1302	rVB3	1088	962	0.13%	0.017%
57	9.933	1314	1317	1319	rVB4	767	1042	0.14%	0.018%
58	10.036	1326	1334	1344	rBV	55023	102041	14.05%	1.794%
59	10.213	1360	1363	1365	rBV3	2122	1610	0.22%	0.028%
60	10.232	1365	1366	1369	rVB3	987	753	0.10%	0.013%
61	10.323	1374	1381	1388	rBV	327524	570415	78.54%	10.031%
62	10.390	1388	1392	1399	rVB2	8524	14997	2.06%	0.264%
63	10.579	1416	1423	1429	rBV	36651	64569	8.89%	1.135%
64	10.701	1438	1443	1447	rBV6	4672	9644	1.33%	0.170%
65	10.817	1460	1462	1464	rBV3	949	890	0.12%	0.016%
66	10.920	1473	1479	1488	rBV	86063	152963	21.06%	2.690%
67	11.061	1500	1502	1508	rVB5	5949	7045	0.97%	0.124%
68	11.219	1527	1528	1530	rBV2	960	741	0.10%	0.013%
69	11.335	1544	1547	1550	rVB5	1405	1464	0.20%	0.026%
70	11.414	1556	1560	1561	rBV3	1833	2197	0.30%	0.039%
71	11.500	1572	1574	1576	rBV3	1067	752	0.10%	0.013%
72	11.628	1587	1595	1604	rBV	390378	658565	90.68%	11.581%
73	11.719	1606	1610	1617	rVB10	3558	9233	1.27%	0.162%
74	11.835	1623	1629	1639	rVB5	12468	28335	3.90%	0.498%
75	11.914	1639	1642	1648	rBV8	2226	4783	0.66%	0.084%
76	12.030	1659	1661	1662	rBV2	1268	852	0.12%	0.015%

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77	12.158	1679	1682	1687	rBV7	4133	7539	1.04%	0.133%
78	12.438	1725	1728	1729	rBV3	1229	1464	0.20%	0.026%
79	12.603	1749	1755	1760	rBV2	8026	17031	2.35%	0.299%
80	12.688	1763	1769	1777	rBV	139017	239771	33.01%	4.216%
81	12.804	1786	1788	1791	rVB4	2417	2293	0.32%	0.040%
82	13.042	1822	1827	1832	rVB2	16788	27021	3.72%	0.475%
83	13.249	1856	1861	1866	rBV	13772	25577	3.52%	0.450%
84	13.402	1876	1886	1890	rBV7	9234	24558	3.38%	0.432%
85	13.493	1893	1901	1905	rBV2	25302	53637	7.39%	0.943%
86	13.554	1905	1911	1917	rBV	356975	562554	77.46%	9.892%
87	13.853	1953	1960	1969	rVB	262883	446009	61.41%	7.843%
88	14.322	2034	2037	2040	rBV5	3044	4485	0.62%	0.079%
89	14.773	2109	2111	2113	rBV3	2387	2633	0.36%	0.046%
90	15.048	2154	2156	2157	rBV2	1306	1197	0.16%	0.021%
91	15.157	2172	2174	2175	rBV2	1265	1089	0.15%	0.019%
92	15.615	2247	2249	2251	rBV3	1062	1244	0.17%	0.022%
93	15.682	2259	2260	2263	rVB3	1305	921	0.13%	0.016%
94	15.743	2268	2270	2271	rBV2	1599	1048	0.14%	0.018%
95	16.011	2312	2314	2317	rVB5	1485	1517	0.21%	0.027%
96	16.157	2336	2338	2343	rBV6	1400	2262	0.31%	0.040%
97	16.285	2357	2359	2362	rBV4	1072	875	0.12%	0.015%
98	16.438	2382	2384	2387	rBV4	1209	1705	0.23%	0.030%
99	16.645	2416	2418	2423	rBV5	1069	2289	0.32%	0.040%
100	16.773	2437	2439	2441	rBV3	798	725	0.10%	0.013%

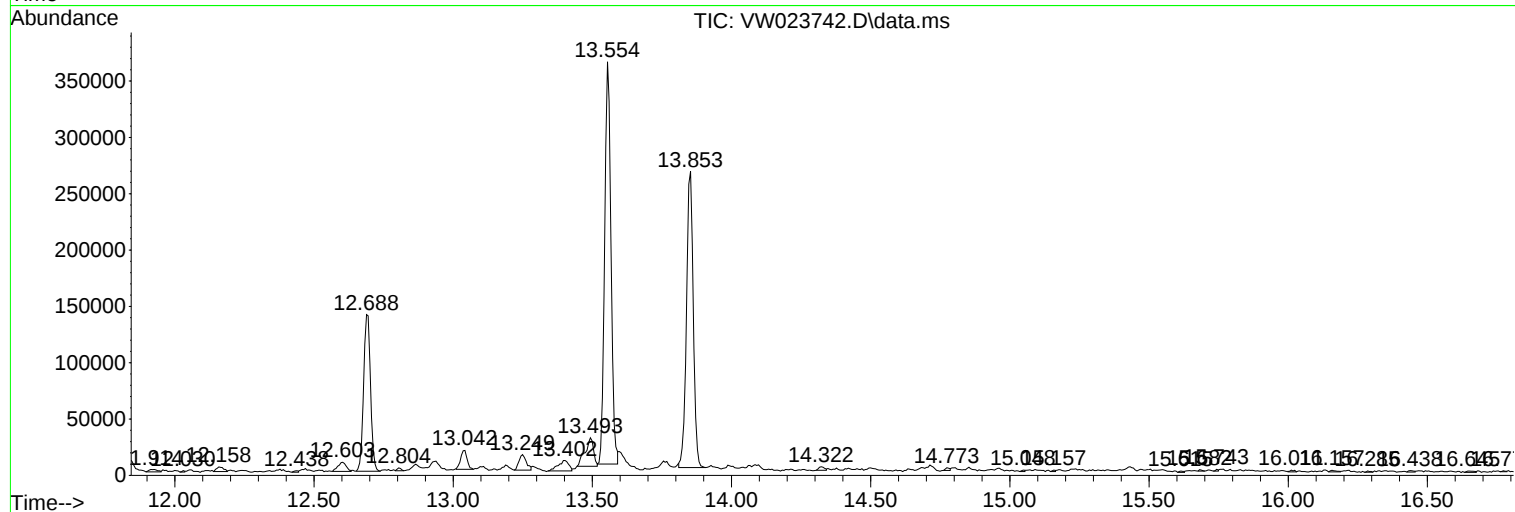
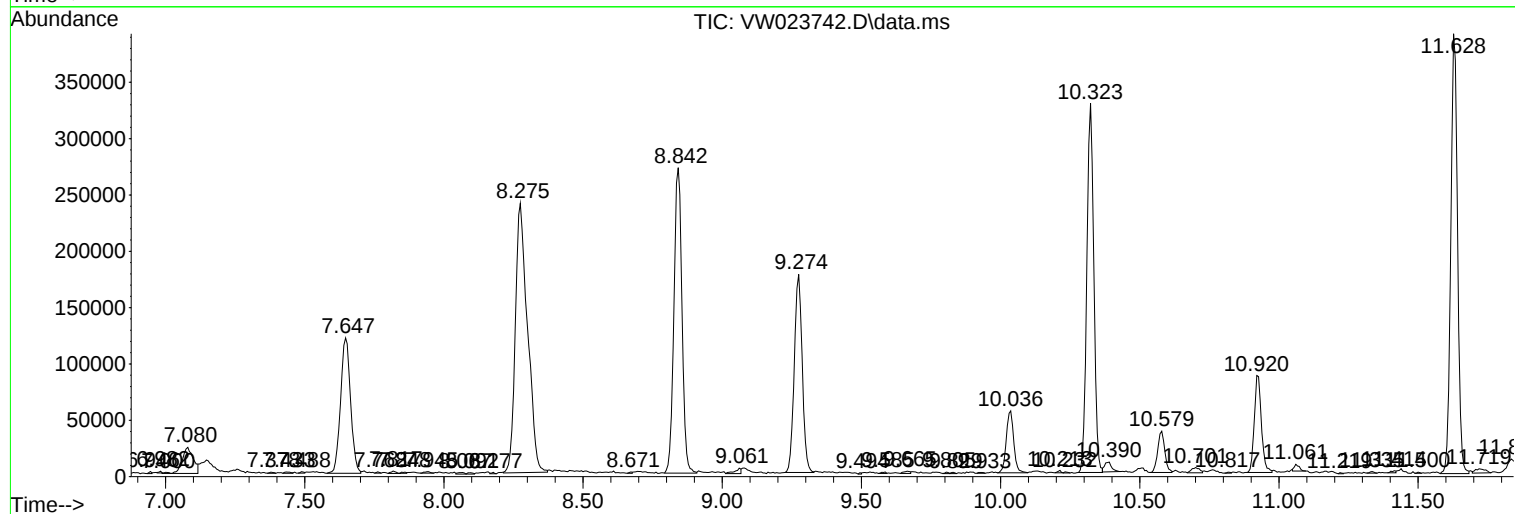
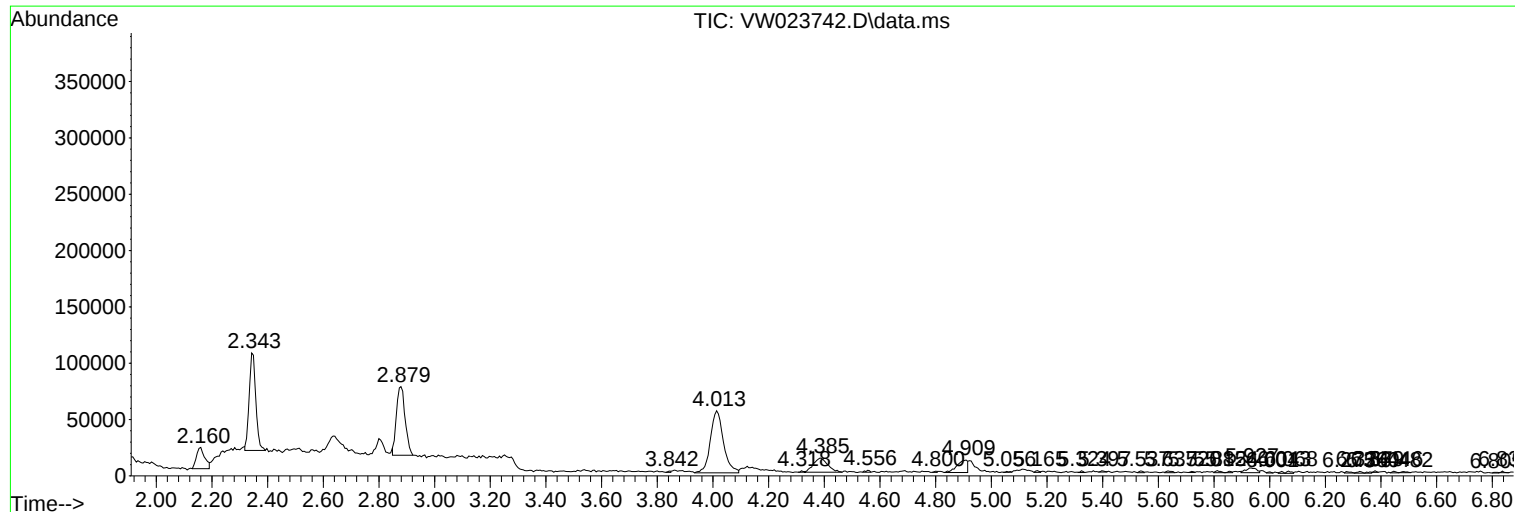
Sum of corrected areas: 5686754

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Instrument :
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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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ALS Vial : 1 Sample Multiplier: 1

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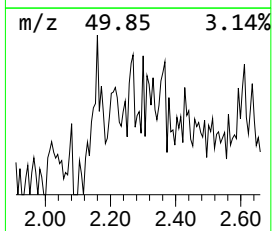
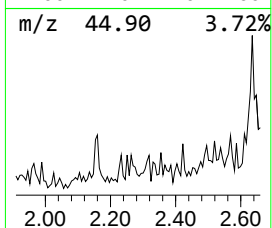
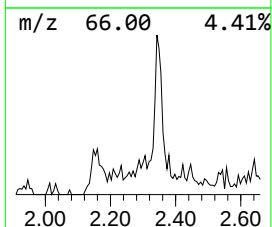
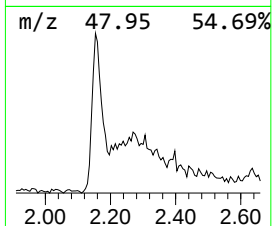
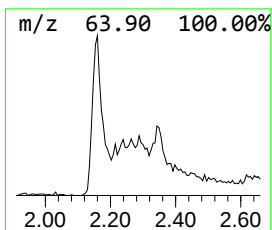
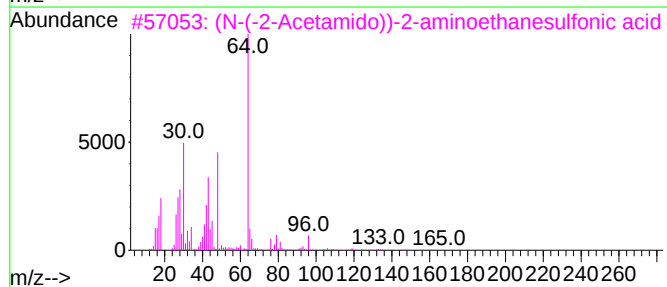
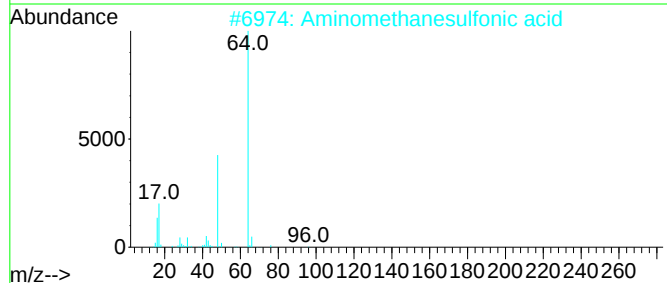
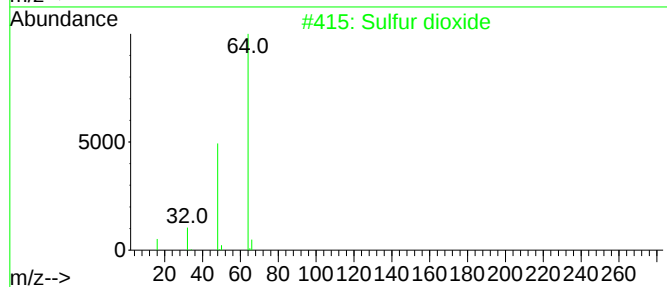
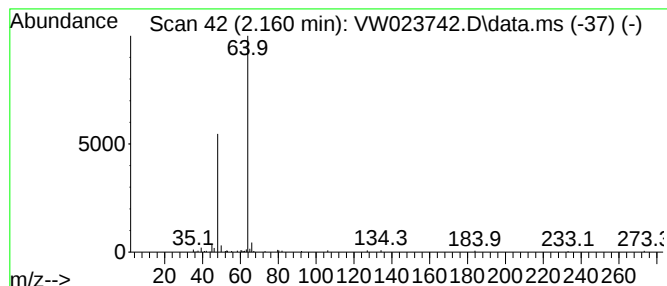
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	1.81 ug/L	39345	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3			(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	64
4			Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	64
5			1,1,1,2,2,3,3,4,4,5,5-Undecaflu...	602	C10F22O2S	1000486-78-5	64



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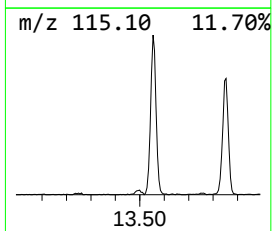
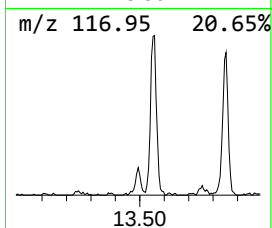
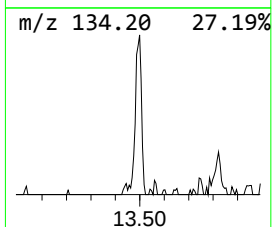
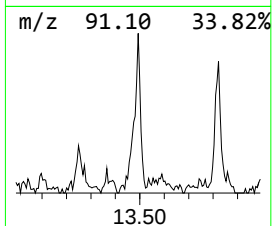
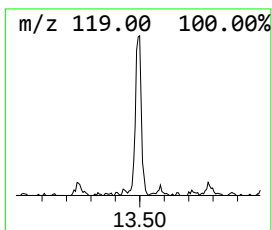
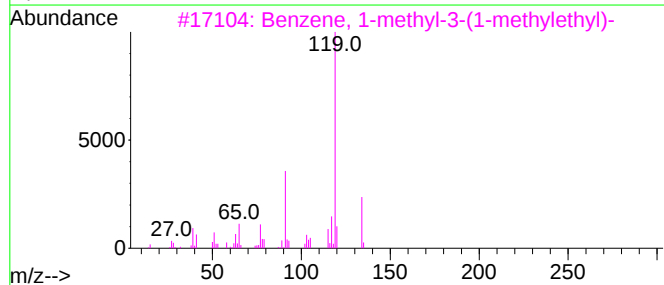
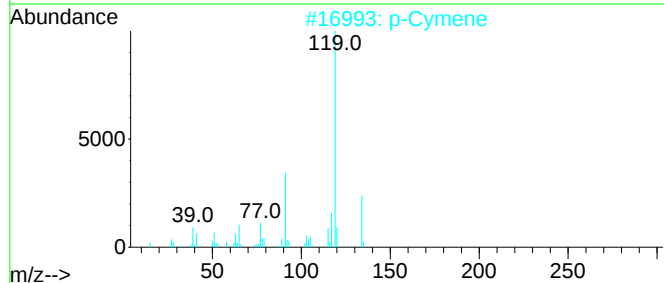
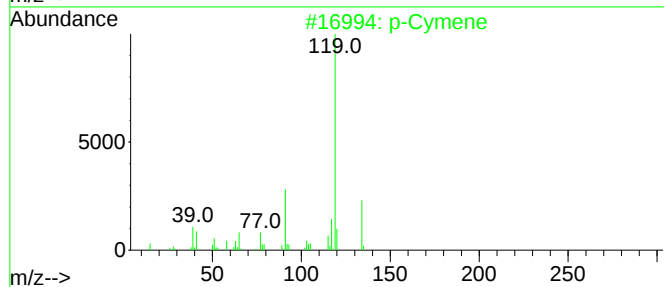
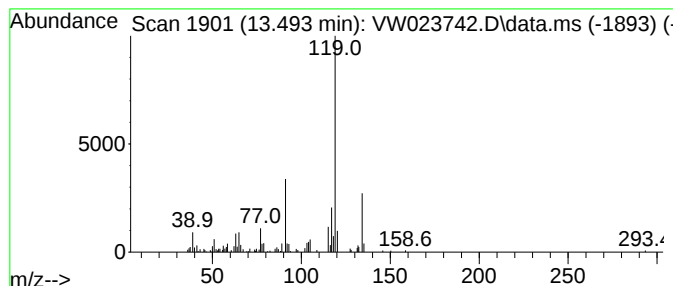
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	2.38 ug/L	53637	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene			134	C10H14	000099-87-6	95
2	p-Cymene			134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methylethyl)-			134	C10H14	000535-77-3	93
4	o-Cymene			134	C10H14	000527-84-4	93
5	o-Cymene			134	C10H14	000527-84-4	87



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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
Sulfur dioxide	2.160	1.8	ug/L	39345	1	8.842	543490	25.0
p-Cymene	13.493	2.4	ug/L	53637	3	13.554	562554	25.0