

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031594.D
 Acq On : 27 Jan 2025 15:41
 Operator : SY/MD
 Sample : Q1190-02
 Misc : 14.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S3

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

Signal : TIC: VW031594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.101	29	35	40	rBV3	12837	22040	0.87%	0.153%
2	2.168	40	46	51	rBV	33403	78968	3.12%	0.549%
3	2.363	71	78	95	rBV	106175	284154	11.22%	1.975%
4	2.503	96	101	120	rVV	32650	103039	4.07%	0.716%
5	2.899	158	166	185	rVB	104279	304033	12.00%	2.113%
6	3.393	239	247	255	rVB5	3926	10881	0.43%	0.076%
7	3.686	291	295	296	rVV3	982	1050	0.04%	0.007%
8	3.911	327	332	333	rVV3	2074	2616	0.10%	0.018%
9	4.015	337	349	363	rVV2	232183	741615	29.28%	5.155%
10	4.155	364	372	395	rVV	66605	255686	10.10%	1.777%
11	4.308	395	397	400	rVB3	1402	1306	0.05%	0.009%
12	4.381	400	409	410	rBV6	1320	2662	0.11%	0.019%
13	4.478	420	425	426	rBV3	1000	1523	0.06%	0.011%
14	5.009	506	512	514	rBV4	1527	2694	0.11%	0.019%
15	5.124	521	531	544	rVB2	5384	18555	0.73%	0.129%
16	5.265	551	554	557	rVV4	769	1198	0.05%	0.008%
17	5.441	578	583	586	rBV4	590	1142	0.05%	0.008%
18	5.789	630	640	653	rBV	12029	40627	1.60%	0.282%
19	5.935	657	664	673	rBV7	3513	9697	0.38%	0.067%
20	6.112	691	693	697	rBV4	1471	2175	0.09%	0.015%
21	6.618	769	776	779	rBV7	1016	2095	0.08%	0.015%
22	6.899	815	822	832	rBV3	13061	39986	1.58%	0.278%
23	7.087	843	853	884	rBV	111138	412426	16.28%	2.867%
24	7.545	925	928	931	rBV4	1023	1395	0.06%	0.010%
25	7.648	933	945	960	rBV	414180	1010505	39.90%	7.024%
26	7.947	987	994	1003	rVB5	8266	20610	0.81%	0.143%
27	8.270	1036	1047	1066	rBV2	769933	2532606	100.00%	17.605%
28	8.551	1083	1093	1100	rBV5	9635	23589	0.93%	0.164%
29	8.709	1112	1119	1130	rVB3	10087	25933	1.02%	0.180%
30	8.837	1131	1140	1155	rBV	659599	1295381	51.15%	9.005%
31	8.935	1155	1156	1161	rVB4	1192	1338	0.05%	0.009%
32	9.075	1170	1179	1184	rBV8	3363	9551	0.38%	0.066%
33	9.270	1202	1211	1228	rVV	585048	1184029	46.75%	8.231%
34	9.404	1228	1233	1251	rVB	23347	52587	2.08%	0.366%
35	9.666	1269	1276	1284	rVB8	3001	7284	0.29%	0.051%
36	9.947	1318	1322	1325	rBV4	673	1163	0.05%	0.008%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Title : SFAM01.0

37	10.032	1325	1336	1346	rBV	248469	455058	17.97%	3.163%
38	10.215	1360	1366	1370	rBV4	1236	2003	0.08%	0.014%
39	10.319	1372	1383	1390	rBV	732669	1296121	51.18%	9.010%
40	10.386	1390	1394	1403	rVB	22260	41790	1.65%	0.290%
41	10.495	1407	1412	1417	rBV7	2630	4762	0.19%	0.033%
42	10.575	1418	1425	1432	rBV	133980	234995	9.28%	1.634%
43	10.697	1440	1445	1451	rVB	15037	27002	1.07%	0.188%
44	10.776	1454	1458	1462	rVB6	1177	1979	0.08%	0.014%
45	10.855	1466	1471	1475	rBV4	7471	13544	0.53%	0.094%
46	10.922	1475	1482	1494	rBV	378361	643487	25.41%	4.473%
47	11.068	1500	1506	1520	rVB	78608	132686	5.24%	0.922%
48	11.349	1551	1552	1557	rVB4	779	1136	0.04%	0.008%
49	11.629	1590	1598	1606	rBV	487979	849804	33.55%	5.907%
50	11.709	1606	1611	1615	rBV3	2973	5029	0.20%	0.035%
51	11.831	1625	1631	1636	rBV6	4903	11039	0.44%	0.077%
52	11.940	1645	1649	1659	rVB8	4427	8297	0.33%	0.058%
53	12.093	1669	1674	1679	rBV3	1947	3320	0.13%	0.023%
54	12.160	1681	1685	1686	rBV3	1779	2069	0.08%	0.014%
55	12.337	1708	1714	1722	rBV3	12499	25184	0.99%	0.175%
56	12.471	1730	1736	1741	rBV4	2881	5540	0.22%	0.039%
57	12.599	1747	1757	1764	rBV2	34179	65606	2.59%	0.456%
58	12.690	1764	1772	1781	rVV	371848	617746	24.39%	4.294%
59	12.879	1798	1803	1804	rVV5	1017	1540	0.06%	0.011%
60	12.922	1804	1810	1817	rVV3	9403	20092	0.79%	0.140%
61	12.995	1820	1822	1824	rBV3	1076	1070	0.04%	0.007%
62	13.056	1824	1832	1836	rBV8	2222	4967	0.20%	0.035%
63	13.099	1836	1839	1843	rVV5	1179	2086	0.08%	0.015%
64	13.141	1843	1846	1851	rVV4	2335	3856	0.15%	0.027%
65	13.239	1860	1862	1863	rVV2	1502	1342	0.05%	0.009%
66	13.282	1864	1869	1876	rVB8	3517	7589	0.30%	0.053%
67	13.391	1881	1887	1895	rBV6	7186	13230	0.52%	0.092%
68	13.501	1900	1905	1907	rVB6	2134	3584	0.14%	0.025%
69	13.550	1907	1913	1922	rBV	223367	369832	14.60%	2.571%
70	13.641	1922	1928	1934	rBV3	9548	17852	0.70%	0.124%
71	13.848	1955	1962	1968	rBV	221357	367369	14.51%	2.554%
72	13.922	1968	1974	1975	rBV6	11904	17382	0.69%	0.121%
73	14.013	1986	1989	1992	rBV5	2816	5544	0.22%	0.039%
74	14.056	1992	1996	2004	rVB2	35719	62379	2.46%	0.434%
75	14.196	2013	2019	2024	rBV6	6326	14115	0.56%	0.098%
76	14.318	2034	2039	2048	rVV7	9727	18875	0.75%	0.131%

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 Title : SFAM01.0

77	14.519	2064	2072	2079	rBV2	14643	27547	1.09%	0.191%
78	14.604	2084	2086	2087	rBV2	1584	1404	0.06%	0.010%
79	14.684	2094	2099	2101	rBV2	2428	3562	0.14%	0.025%
80	14.708	2101	2103	2111	rVB5	2723	3853	0.15%	0.027%
81	14.800	2111	2118	2121	rBV4	8592	17396	0.69%	0.121%
82	14.854	2121	2127	2139	rVB10	13541	43466	1.72%	0.302%
83	14.946	2139	2142	2148	rBV6	1112	2440	0.10%	0.017%
84	15.043	2153	2158	2159	rBV5	2459	3667	0.14%	0.025%
85	15.062	2159	2161	2166	rVB6	1977	2111	0.08%	0.015%
86	15.123	2169	2171	2173	rBV3	1572	1927	0.08%	0.013%
87	15.196	2173	2183	2187	rBV3	4265	12098	0.48%	0.084%
88	15.245	2187	2191	2193	rVB3	2984	3481	0.14%	0.024%
89	15.354	2201	2209	2221	rBV	68451	139605	5.51%	0.970%
90	15.476	2221	2229	2236	rBV	30346	59547	2.35%	0.414%
91	15.641	2253	2256	2261	rBV6	2224	3724	0.15%	0.026%
92	15.787	2274	2280	2285	rVV7	6755	13490	0.53%	0.094%
93	15.946	2302	2306	2315	rBV8	3374	7189	0.28%	0.050%
94	16.025	2315	2319	2325	rVB9	2672	4843	0.19%	0.034%
95	16.080	2325	2328	2334	rVB8	2277	3529	0.14%	0.025%
96	16.159	2337	2341	2344	rBV3	1214	1878	0.07%	0.013%
97	16.427	2379	2385	2395	rBV	29564	65944	2.60%	0.458%
98	16.555	2405	2406	2410	rVB4	1192	1124	0.04%	0.008%
99	16.635	2410	2419	2428	rVB2	30140	73844	2.92%	0.513%
100	16.744	2435	2437	2440	rVB3	911	1023	0.04%	0.007%

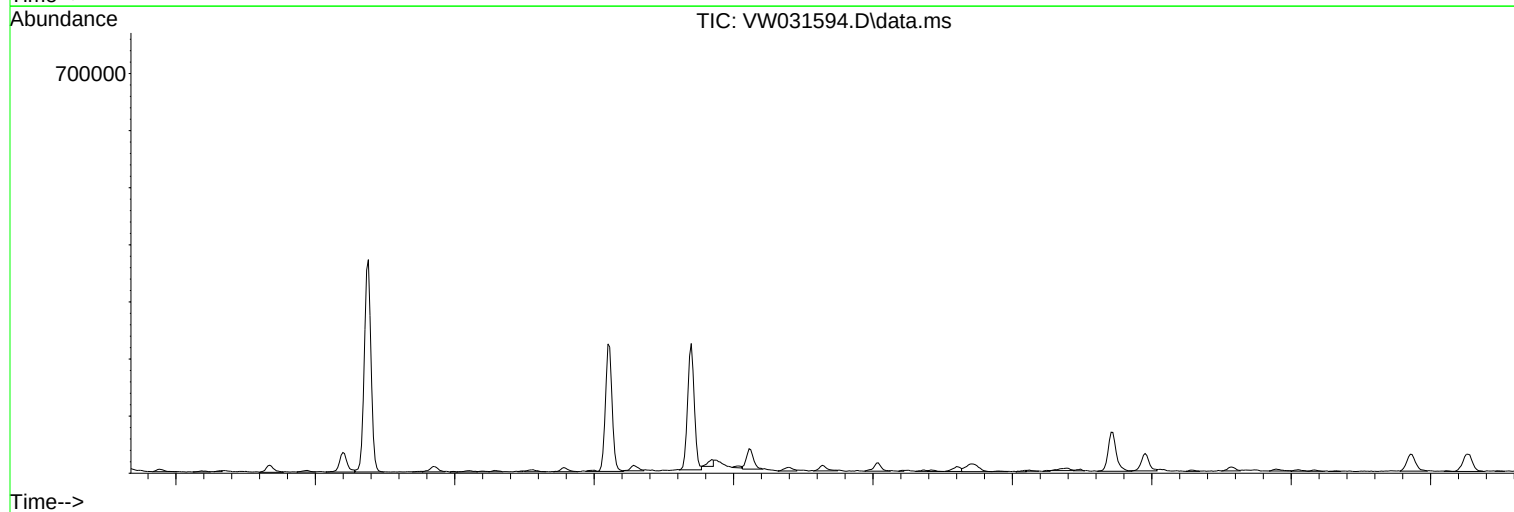
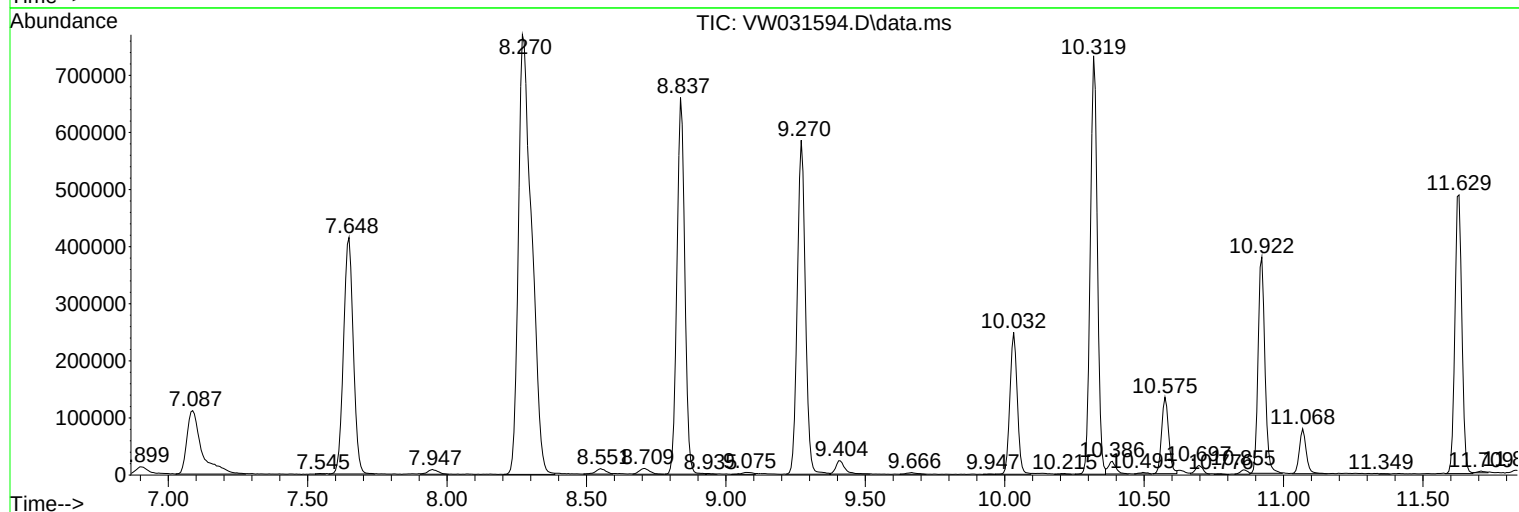
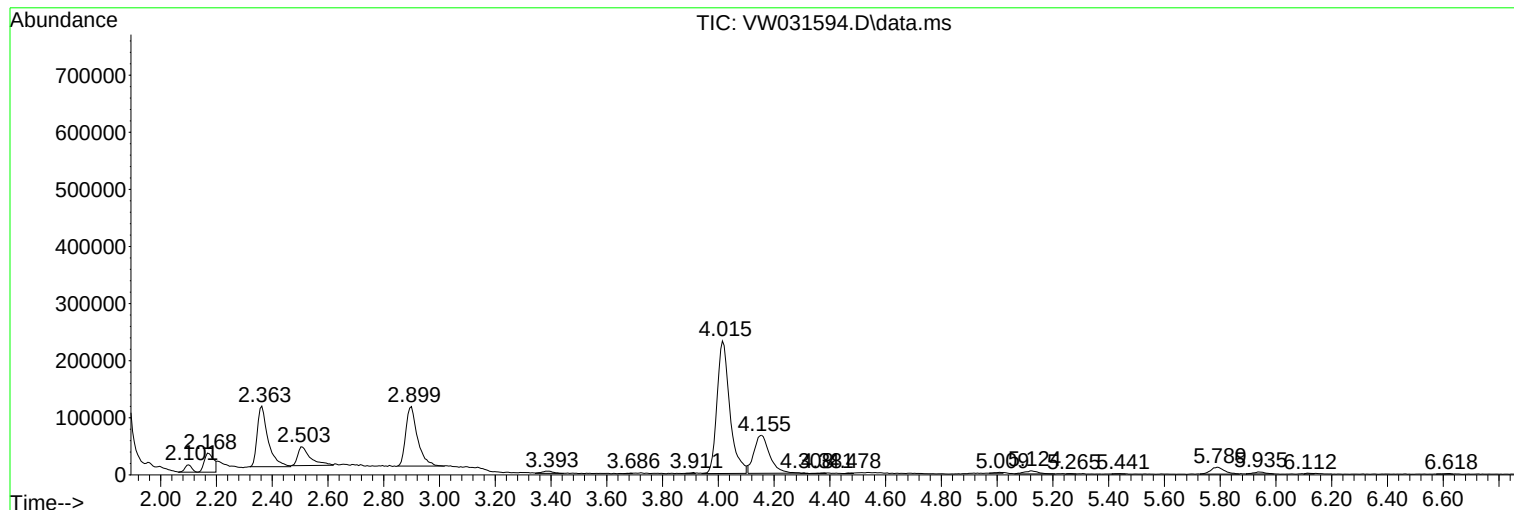
Sum of corrected areas: 14385732

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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



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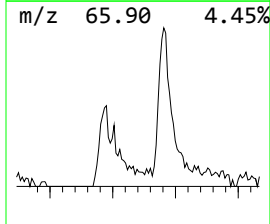
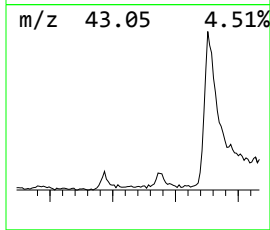
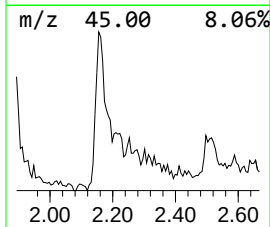
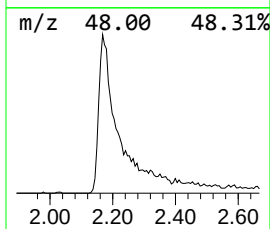
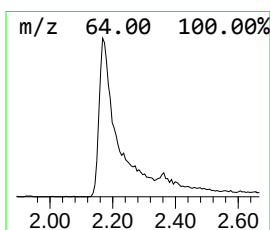
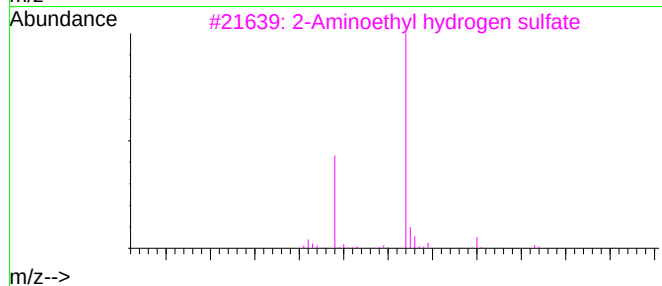
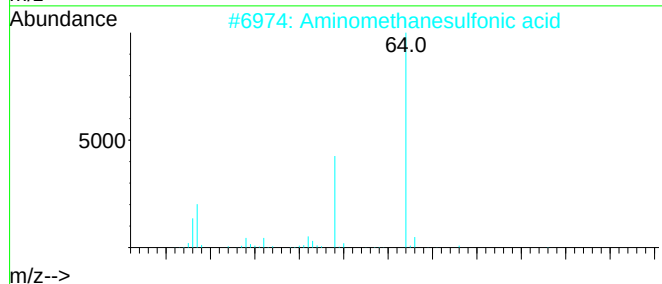
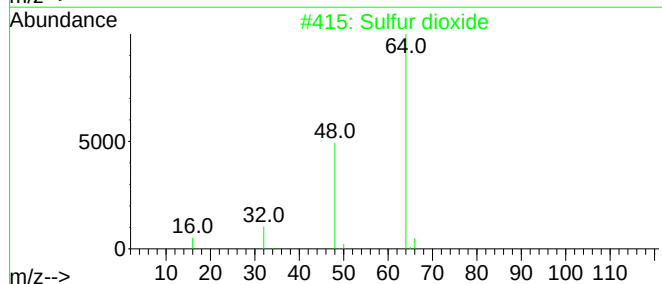
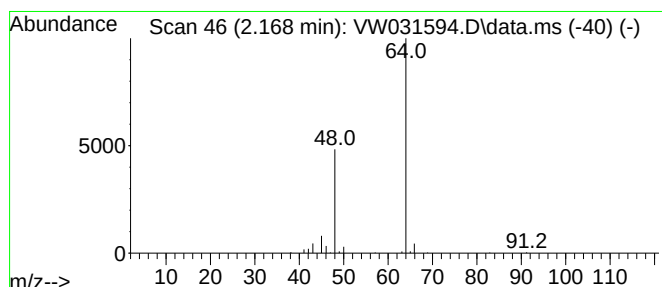
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.168	1.52 ug/L	78968	1,4-Difluorobenzene	8.837

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	83
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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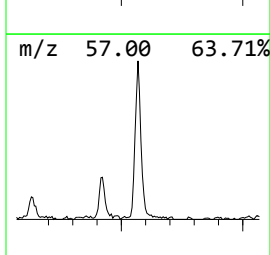
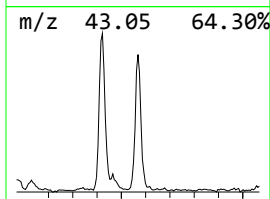
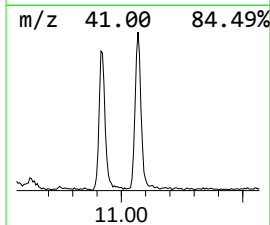
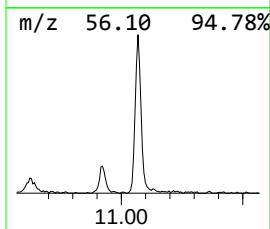
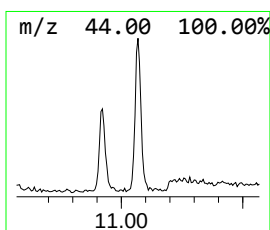
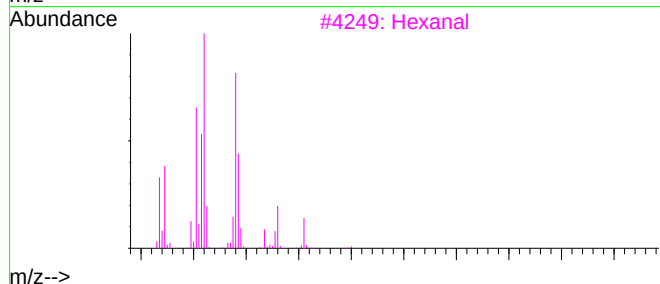
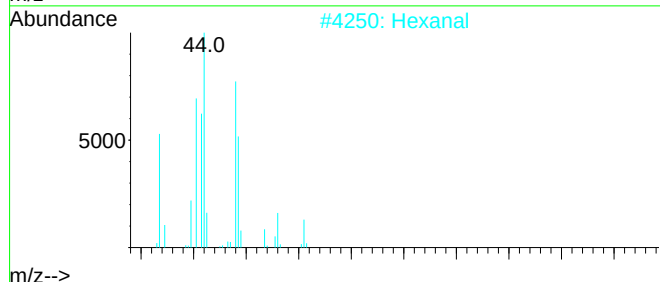
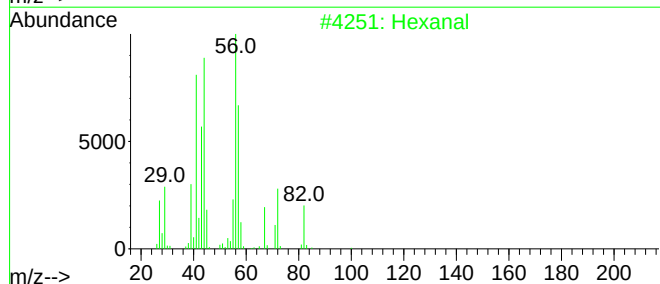
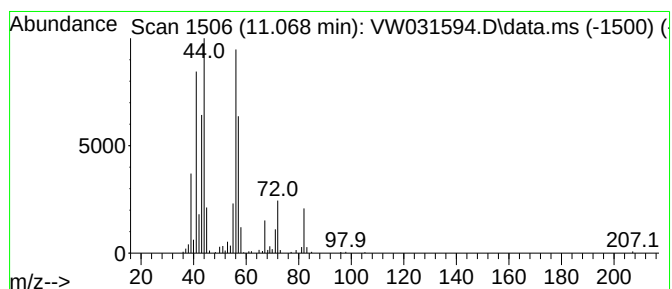
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	3.90 ug/L	132686	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	83



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

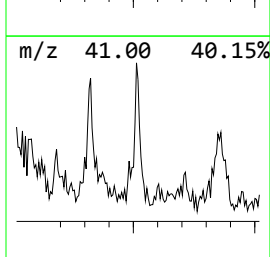
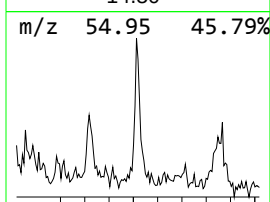
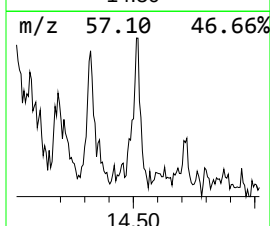
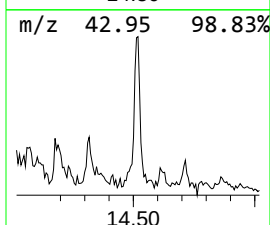
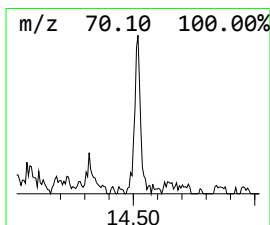
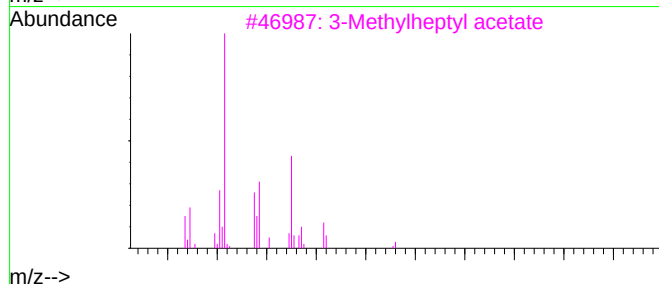
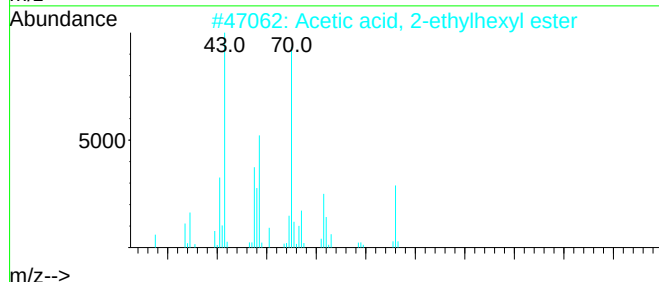
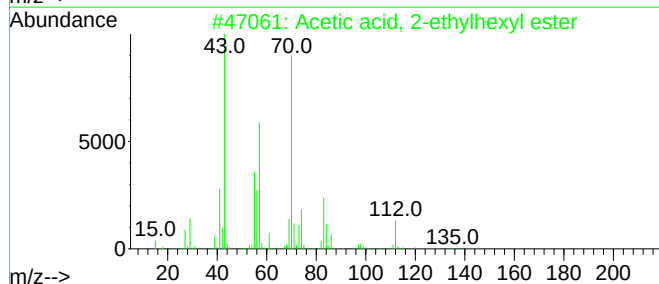
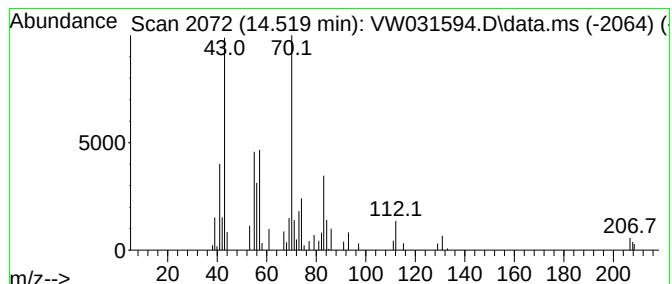
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Acetic acid, 2-ethylhexyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.519	1.86 ug/L	27547	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
2	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	78
3	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	78
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	52
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031594.D
Acq On : 27 Jan 2025 15:41
Operator : SY/MD
Sample : Q1190-02
Misc : 14.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0

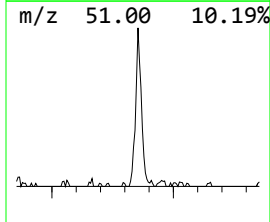
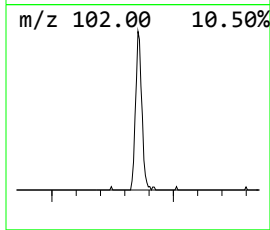
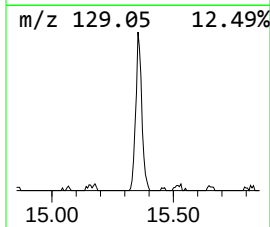
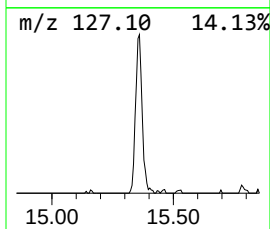
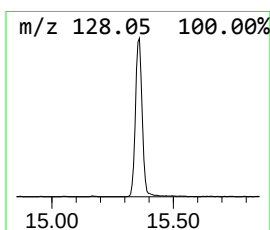
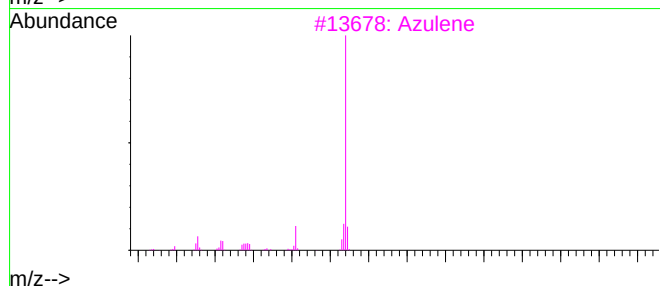
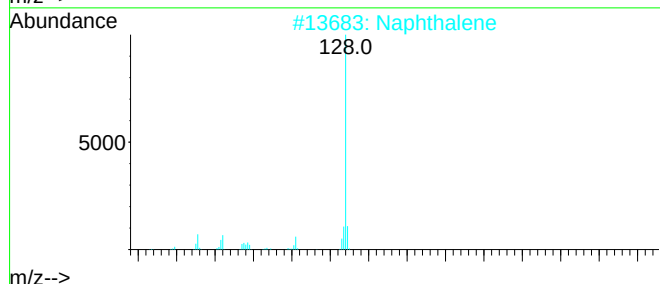
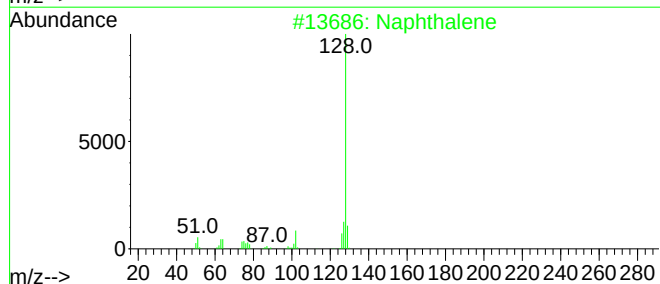
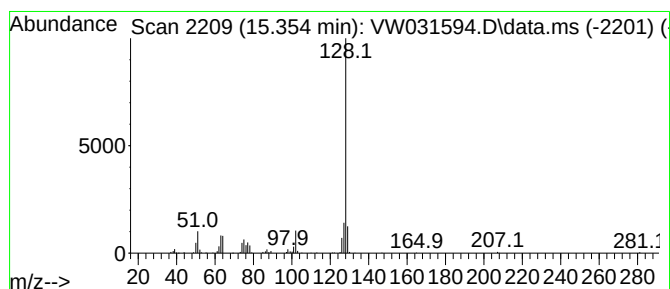
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.354	9.44 ug/L	139605	1,4-Dichlorobenzene-d4	13.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	94
4	Azulene	128	C10H8	000275-51-4	94
5	Naphthalene	128	C10H8	000091-20-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
Data File : VW031594.D
Acq On : 27 Jan 2025 15:41
Operator : SY/MD
Sample : Q1190-02
Misc : 14.01g/10mL/MSVOA_W/SOIL/A
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A44S3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.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
Sulfur dioxide	2.168	1.5	ug/L	78968	1	8.837	1295380	25.0
Hexanal	11.069	3.9	ug/L	132686	2	11.629	849804	25.0
Acetic acid, 2-...	14.519	1.9	ug/L	27547	3	13.550	369832	25.0
Azulene	15.354	9.4	ug/L	139605	3	13.550	369832	25.0