

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051923\
 Data File : VW026014.D
 Acq On : 19 May 2023 18:52
 Operator : SY/MD
 Sample : 02859-05
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK002

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW026014.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	37	42	51	rBV	45699	124423	5.88%	0.805%
2	2.363	73	78	93	rVB	70685	184950	8.75%	1.197%
3	2.893	160	165	183	rVB2	81195	231123	10.93%	1.496%
4	3.716	298	300	302	rBV3	1226	951	0.04%	0.006%
5	3.820	315	317	318	rBV	1454	782	0.04%	0.005%
6	3.887	326	328	330	rBV3	2387	2122	0.10%	0.014%
7	3.911	330	332	333	rBV2	1640	1381	0.07%	0.009%
8	4.021	340	350	368	rBV	171869	601629	28.45%	3.894%
9	4.350	398	404	405	rBV5	1970	3444	0.16%	0.022%
10	4.734	464	467	470	rBV4	1873	2273	0.11%	0.015%
11	4.917	488	497	509	rBV2	30636	113283	5.36%	0.733%
12	5.216	543	546	548	rBV4	1645	2115	0.10%	0.014%
13	5.624	609	613	615	rVB5	1573	1343	0.06%	0.009%
14	5.643	615	616	619	rBV3	1278	1236	0.06%	0.008%
15	5.728	626	630	633	rBV5	1366	2381	0.11%	0.015%
16	5.838	645	648	650	rBV3	1040	1169	0.06%	0.008%
17	5.868	650	653	655	rBV4	1986	1712	0.08%	0.011%
18	5.935	655	664	677	rVB2	23789	76903	3.64%	0.498%
19	6.027	677	679	682	rBV4	1378	1495	0.07%	0.010%
20	6.069	685	686	687	rVB	1248	466	0.02%	0.003%
21	6.289	719	722	723	rBV3	1470	1954	0.09%	0.013%
22	6.319	725	727	729	rVV2	1833	1556	0.07%	0.010%
23	6.338	729	730	733	rVB3	1426	928	0.04%	0.006%
24	6.460	747	750	751	rBV3	1436	1128	0.05%	0.007%
25	6.612	771	775	777	rBV4	1345	1861	0.09%	0.012%
26	6.667	781	784	785	rBV2	1823	1844	0.09%	0.012%
27	6.789	803	804	808	rVB4	2017	1387	0.07%	0.009%
28	6.825	808	810	812	rBV3	631	460	0.02%	0.003%
29	6.850	812	814	817	rBV4	1077	1311	0.06%	0.008%
30	6.874	817	818	820	rVV2	1556	900	0.04%	0.006%
31	6.917	823	825	827	rVB3	1619	1613	0.08%	0.010%
32	6.941	827	829	830	rBV2	1011	629	0.03%	0.004%
33	6.972	830	834	835	rVB4	1329	1294	0.06%	0.008%
34	6.990	835	837	838	rBV2	1188	993	0.05%	0.006%
35	7.075	842	851	870	rBV	82512	264136	12.49%	1.710%
36	7.264	879	882	888	rBV8	2169	3650	0.17%	0.024%

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 Title : SFAM01.0

37	7.380	899	901	903	rVB3	1915	1078	0.05%	0.007%
38	7.404	903	905	906	rBV2	1076	460	0.02%	0.003%
39	7.508	920	922	923	rVB2	1957	1093	0.05%	0.007%
40	7.526	923	925	928	rBV4	1100	1087	0.05%	0.007%
41	7.648	935	945	957	rBV	361267	879189	41.58%	5.690%
42	7.831	973	975	979	rVB5	1208	1313	0.06%	0.008%
43	7.868	979	981	982	rBV2	1393	921	0.04%	0.006%
44	7.984	999	1000	1002	rVB2	2348	1119	0.05%	0.007%
45	8.008	1002	1004	1005	rBV2	1371	812	0.04%	0.005%
46	8.045	1008	1010	1016	rVV7	2082	3162	0.15%	0.020%
47	8.112	1020	1021	1025	rBV3	857	1259	0.06%	0.008%
48	8.191	1032	1034	1037	rVB4	1288	1236	0.06%	0.008%
49	8.276	1037	1048	1063	rBV2	698656	2114574	100.00%	13.686%
50	8.569	1094	1096	1098	rVB3	2688	2115	0.10%	0.014%
51	8.843	1132	1141	1151	rBV	686555	1363782	64.49%	8.827%
52	9.270	1201	1211	1221	rBV	518571	1042355	49.29%	6.747%
53	9.544	1254	1256	1260	rBV4	1636	2077	0.10%	0.013%
54	9.581	1260	1262	1263	rBV2	1215	784	0.04%	0.005%
55	9.611	1263	1267	1269	rBV4	1562	2012	0.10%	0.013%
56	9.715	1283	1284	1285	rBV	1610	752	0.04%	0.005%
57	9.867	1307	1309	1312	rBV4	2307	2411	0.11%	0.016%
58	9.892	1312	1313	1316	rVB3	1869	959	0.05%	0.006%
59	9.953	1321	1323	1324	rBV2	968	572	0.03%	0.004%
60	9.977	1324	1327	1328	rBV3	1470	1359	0.06%	0.009%
61	10.032	1329	1336	1348	rVV	243119	450647	21.31%	2.917%
62	10.325	1376	1384	1393	rBV	924334	1633501	77.25%	10.573%
63	10.575	1419	1425	1433	rBV	164411	282185	13.34%	1.826%
64	10.697	1442	1445	1453	rVB	21072	35845	1.70%	0.232%
65	10.770	1456	1457	1459	rBV2	1491	1007	0.05%	0.007%
66	10.922	1475	1482	1498	rBV	297802	523400	24.75%	3.388%
67	11.233	1530	1533	1535	rBV4	2615	3887	0.18%	0.025%
68	11.337	1546	1550	1552	rBV5	1123	1774	0.08%	0.011%
69	11.495	1575	1576	1579	rVV3	1523	1014	0.05%	0.007%
70	11.526	1579	1581	1583	rVB3	1438	993	0.05%	0.006%
71	11.629	1589	1598	1607	rBV	981148	1648484	77.96%	10.670%
72	11.824	1629	1630	1632	rBV2	2697	2634	0.12%	0.017%
73	11.959	1649	1652	1656	rVB5	1905	2795	0.13%	0.018%
74	11.989	1656	1657	1658	rBV	1533	700	0.03%	0.005%
75	12.166	1680	1686	1692	rBV10	6015	14324	0.68%	0.093%
76	12.294	1705	1707	1708	rBV2	1097	888	0.04%	0.006%

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 Title : SFAM01.0

77	12.361	1716	1718	1719	rVB2	1644	744	0.04%	0.005%
78	12.410	1725	1726	1727	rBV	1829	736	0.03%	0.005%
79	12.605	1752	1758	1765	rBV2	27435	49675	2.35%	0.322%
80	12.690	1765	1772	1779	rBV	421720	695708	32.90%	4.503%
81	12.824	1791	1794	1795	rBV3	1526	1530	0.07%	0.010%
82	12.873	1800	1802	1803	rVB2	1782	964	0.05%	0.006%
83	13.001	1821	1823	1825	rBV3	1599	1315	0.06%	0.009%
84	13.025	1825	1827	1828	rBV2	2021	1103	0.05%	0.007%
85	13.099	1837	1839	1841	rBV3	1465	1326	0.06%	0.009%
86	13.160	1847	1849	1851	rVB3	1641	1018	0.05%	0.007%
87	13.251	1857	1864	1867	rVB3	5128	9269	0.44%	0.060%
88	13.367	1878	1883	1885	rBV6	1899	3149	0.15%	0.020%
89	13.397	1885	1888	1894	rVB7	3443	5820	0.28%	0.038%
90	13.464	1894	1899	1902	rBV6	6399	12299	0.58%	0.080%
91	13.556	1907	1914	1926	rVB	945266	1506902	71.26%	9.753%
92	13.848	1955	1962	1971	rBV	826505	1351780	63.93%	8.749%
93	14.062	1992	1997	2005	rVB2	32208	52870	2.50%	0.342%
94	14.318	2033	2039	2048	rBV2	7326	19045	0.90%	0.123%
95	14.525	2071	2073	2076	rVB4	2515	2505	0.12%	0.016%
96	14.623	2082	2089	2094	rBV4	8262	17395	0.82%	0.113%
97	15.123	2168	2171	2176	rVB6	5103	8990	0.43%	0.058%
98	15.360	2205	2210	2215	rBV3	6953	13801	0.65%	0.089%
99	15.476	2226	2229	2235	rVB2	11076	19708	0.93%	0.128%
100	15.683	2261	2263	2265	rBV3	1441	1262	0.06%	0.008%

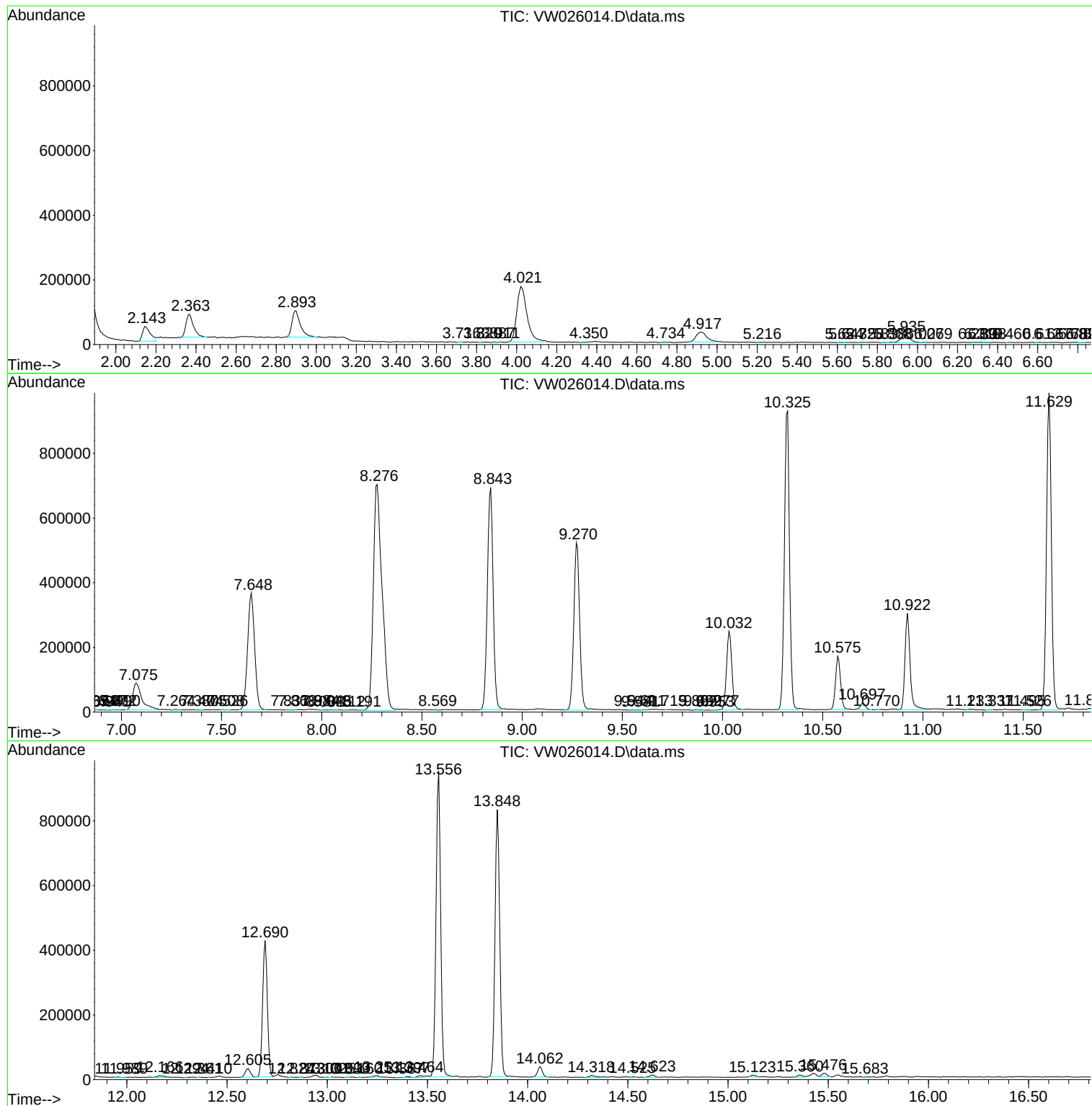
Sum of corrected areas: 15450298

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



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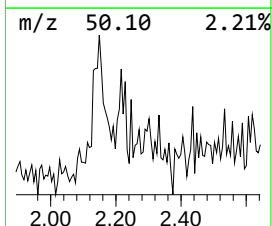
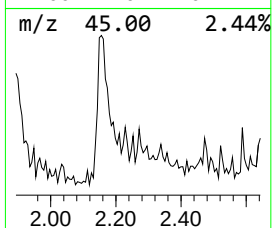
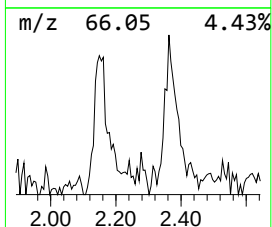
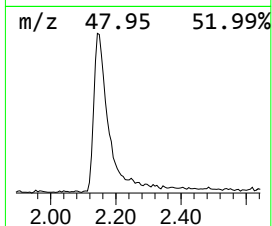
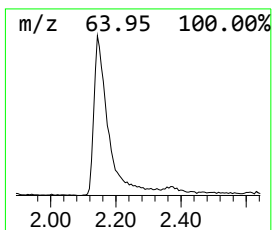
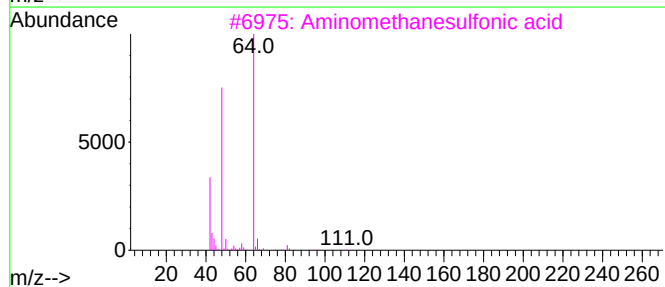
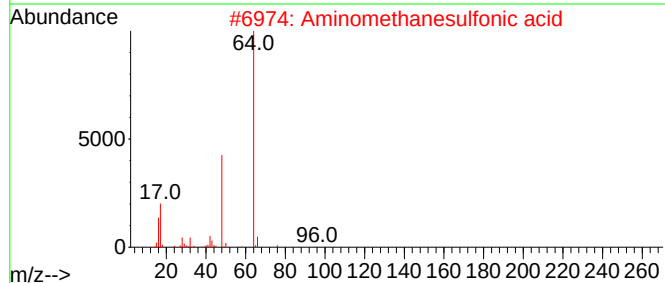
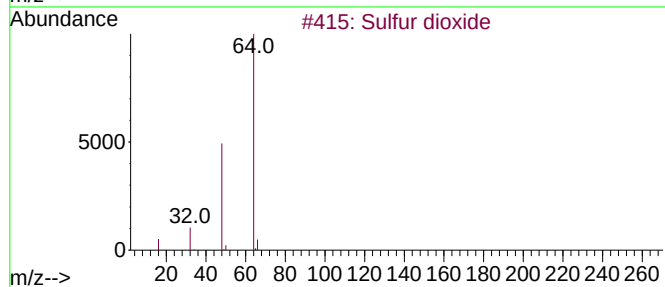
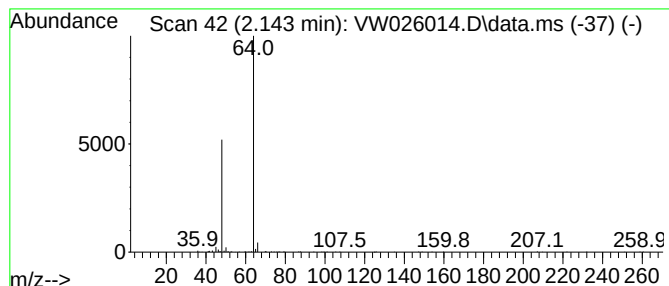
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.143	2.28 ug/L	124423	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			1,1,1,2,2,3,3,4,4,5,5-Undecafluoro...	602	C10F22O2S	1000486-78-5	64
5			(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	64



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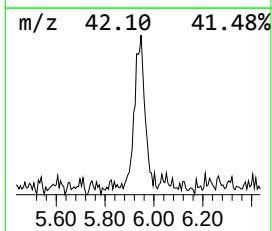
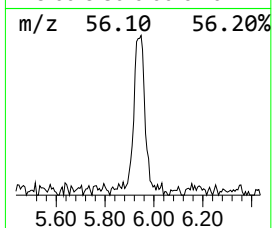
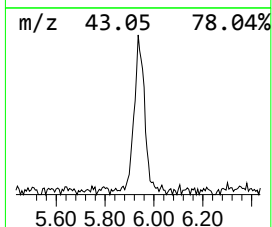
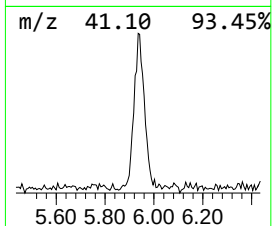
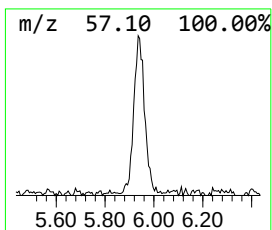
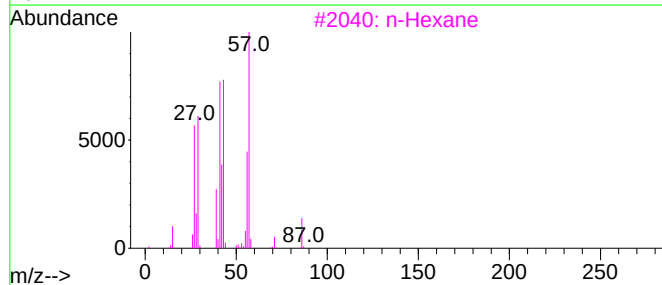
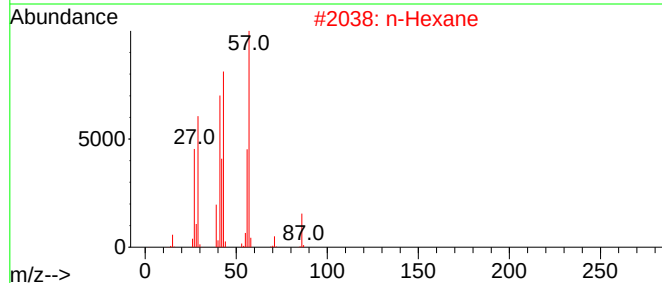
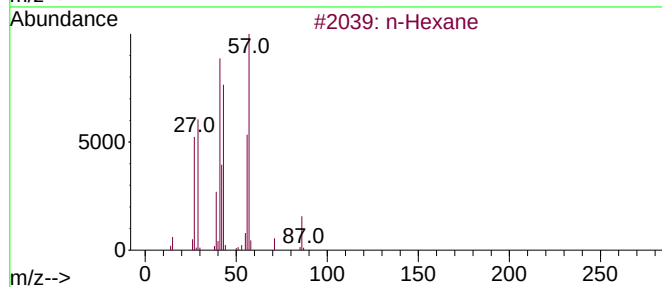
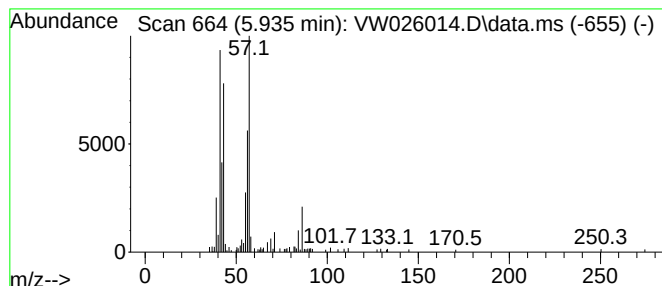
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Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.935	1.41 ug/L	76903	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane			86	C6H14	000110-54-3	83
2	n-Hexane			86	C6H14	000110-54-3	80
3	n-Hexane			86	C6H14	000110-54-3	64
4	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	64
5	1-Pentene, 4-methyl-			84	C6H12	000691-37-2	47



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.143	2.3	ug/L	124423	1	8.843	1363780	25.0
(DEL) Alkane: S...	5.935	1.4	ug/L	76903	1	8.843	1363780	25.0