LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
Data File : VW028844.D
Acq On : 28 May 2024 20:18
Operator : SY/MD
Sample : P2591-09
Misc : 5.60g/10mL/MSVOA_W/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BH5T2

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\SFAMWLM050224SMA.M
Title : SFAM01.0

Signal : TIC: VW028844.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	89	rBV	60868	150991	10.59%	1.632%
2	2.899	159	166	179	rBV	55486	163619	11.47%	1.769%
3	3.247	221	223	226	rVB4	797	725	0.05%	0.008%
4	3.314	230	234	236	rBV4	920	923	0.06%	0.010%
5	3.521	267	268	273	rVV3	1109	1717	0.12%	0.019%
6	3.936	334	336	338	rVB2	858	614	0.04%	0.007%
7	4.021	338	350	371	rBV	108078	394582	27.66%	4.266%
8	4.204	374	380	393	rVB	16088	48556	3.40%	0.525%
9	4.381	407	409	410	rBV2	820	671	0.05%	0.007%
10	4.545	433	436	437	rBV2	780	663	0.05%	0.007%
11	4.564	437	439	442	rVB4	557	657	0.05%	0.007%
12	4.624	442	449	451	rBV5	1767	4110	0.29%	0.044%
13	4.734	465	467	472	rVB4	796	873	0.06%	0.009%
14	4.777	472	474	477	rBV3	470	651	0.05%	0.007%
15	4.923	482	498	518	rBV3	37851	162069	11.36%	1.752%
16	5.094	523	526	527	rBV3	622	745	0.05%	0.008%
17	5.198	540	543	546	rBV4	451	604	0.04%	0.007%
18	5.228	546	548	552	rVB3	759	776	0.05%	0.008%
19	5.350	566	568	572	rBV3	596	896	0.06%	0.010%
20	5.405	574	577	580	rVB4	644	861	0.06%	0.009%
21	5.484	589	590	595	rVB3	573	672	0.05%	0.007%
22	5.582	603	606	609	rVB5	667	1063	0.07%	0.011%
23	5.752	632	634	636	rBV2	818	798	0.06%	0.009%
24	5.813	643	644	648	rBV4	533	691	0.05%	0.007%
25	5.868	648	653	654	rVV5	547	816	0.06%	0.009%
26	5.947	655	666	677	rVV4	15295	47404	3.32%	0.512%
27	6.051	680	683	684	rVB3	691	707	0.05%	0.008%
28	6.246	711	715	717	rVB4	753	1163	0.08%	0.013%
29	6.289	717	722	723	rBV5	907	1129	0.08%	0.012%
30	6.496	749	756	759	rVB5	752	1809	0.13%	0.020%
31	6.527	759	761	763	rBV3	531	608	0.04%	0.007%
32	6.636	777	779	784	rVB3	704	989	0.07%	0.011%
33	6.856	812	815	823	rVB6	836	2085	0.15%	0.023%
34	6.935	823	828	831	rBV4	1011	1721	0.12%	0.019%
35	7.075	842	851	859	rBV	49729	162851	11.42%	1.761%
36	7.514	922	923	925	rBV	725	689	0.05%	0.007%

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BH5T2

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\SFAMWLM050224SMA.M
Title : SFAM01.0

37	7.648	935	945	957	rBV	265300	646414	45.32%	6.988%
38	8.087	1016	1017	1021	rVB4	827	626	0.04%	0.007%
39	8.276	1037	1048	1066	rBV2	470965	1426368	100.00%	15.420%
40	8.398	1066	1068	1069	rVB2	1113	781	0.05%	0.008%
41	8.484	1080	1082	1084	rBV3	764	761	0.05%	0.008%
42	8.618	1100	1104	1105	rBV3	794	946	0.07%	0.010%
43	8.685	1113	1115	1117	rBV3	1609	1368	0.10%	0.015%
44	8.843	1132	1141	1161	rBV	462510	916916	64.28%	9.912%
45	8.983	1161	1164	1166	rBV4	991	982	0.07%	0.011%
46	9.270	1202	1211	1222	rBV	356186	741237	51.97%	8.013%
47	9.593	1261	1264	1265	rBV3	524	599	0.04%	0.006%
48	9.666	1271	1276	1280	rBV5	1482	2930	0.21%	0.032%
49	9.770	1290	1293	1298	rBV5	1215	1975	0.14%	0.021%
50	9.837	1302	1304	1306	rVV2	838	937	0.07%	0.010%
51	9.983	1325	1328	1329	rVV3	592	716	0.05%	0.008%
52	10.032	1329	1336	1346	rVV	138913	255543	17.92%	2.763%
53	10.130	1346	1352	1362	rVV2	14582	30295	2.12%	0.328%
54	10.325	1375	1384	1398	rBV	535206	975901	68.42%	10.550%
55	10.459	1404	1406	1408	rBV3	905	662	0.05%	0.007%
56	10.575	1419	1425	1433	rBV	90428	158977	11.15%	1.719%
57	10.703	1442	1446	1450	rVB	3811	6150	0.43%	0.066%
58	10.861	1470	1472	1475	rBV4	832	664	0.05%	0.007%
59	10.922	1475	1482	1496	rBV2	173893	351063	24.61%	3.795%
60	11.062	1502	1505	1508	rBV5	1747	2665	0.19%	0.029%
61	11.288	1538	1542	1550	rVB6	1357	3704	0.26%	0.040%
62	11.416	1560	1563	1565	rBV4	830	870	0.06%	0.009%
63	11.629	1589	1598	1608	rBV	533859	899287	63.05%	9.722%
64	11.702	1608	1610	1612	rBV3	850	654	0.05%	0.007%
65	11.831	1630	1631	1634	rBV3	894	682	0.05%	0.007%
66	11.916	1644	1645	1647	rVB2	849	611	0.04%	0.007%
67	11.946	1647	1650	1655	rBV6	1059	1896	0.13%	0.020%
68	12.349	1715	1716	1718	rBV	817	781	0.05%	0.008%
69	12.367	1718	1719	1723	rVB4	897	1091	0.08%	0.012%
70	12.471	1734	1736	1739	rVV4	830	936	0.07%	0.010%
71	12.501	1739	1741	1743	rVV3	896	683	0.05%	0.007%
72	12.605	1751	1758	1763	rVB3	5824	11327	0.79%	0.122%
73	12.690	1763	1772	1782	rBV	299399	496586	34.81%	5.368%
74	12.897	1805	1806	1809	rBV2	517	652	0.05%	0.007%
75	12.934	1809	1812	1814	rVV3	1177	1768	0.12%	0.019%
76	13.196	1850	1855	1857	rBV6	2135	3508	0.25%	0.038%

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ClientSampleId :
BH5T2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Title : SFAM01.0

77	13.239	1861	1862	1867	rVV5	1287	1655	0.12%	0.018%
78	13.288	1867	1870	1875	rVB6	2538	4074	0.29%	0.044%
79	13.403	1885	1889	1896	rVB9	2134	4028	0.28%	0.044%
80	13.470	1896	1900	1902	rBV5	774	1138	0.08%	0.012%
81	13.556	1906	1914	1928	rBV	339740	555557	38.95%	6.006%
82	13.848	1955	1962	1970	rBV	332058	533143	37.38%	5.764%
83	14.062	1992	1997	2006	rVB	6018	10186	0.71%	0.110%
84	14.172	2014	2015	2018	rBV3	1138	1058	0.07%	0.011%
85	14.275	2030	2032	2034	rBV3	689	636	0.04%	0.007%
86	14.324	2038	2040	2042	rVB3	1171	895	0.06%	0.010%
87	14.495	2066	2068	2071	rBV3	1218	1073	0.08%	0.012%
88	14.592	2082	2084	2086	rBV3	749	792	0.06%	0.009%
89	14.720	2098	2105	2108	rBV7	1711	3192	0.22%	0.035%
90	14.745	2108	2109	2112	rVB3	1114	757	0.05%	0.008%
91	14.909	2134	2136	2138	rBV3	980	1020	0.07%	0.011%
92	15.019	2152	2154	2157	rBV4	1132	1066	0.07%	0.012%
93	15.171	2177	2179	2180	rBV2	1048	604	0.04%	0.007%
94	15.354	2206	2209	2211	rBV4	1397	1910	0.13%	0.021%
95	15.427	2216	2221	2226	rVB5	6071	9233	0.65%	0.100%
96	15.476	2226	2229	2232	rBV5	1385	1720	0.12%	0.019%
97	16.061	2321	2325	2329	rBV6	864	1951	0.14%	0.021%
98	16.391	2377	2379	2382	rVB4	950	947	0.07%	0.010%
99	16.555	2404	2406	2409	rBV4	1413	1528	0.11%	0.017%
100	16.689	2426	2428	2431	rBV3	955	1061	0.07%	0.011%

Sum of corrected areas: 9250234

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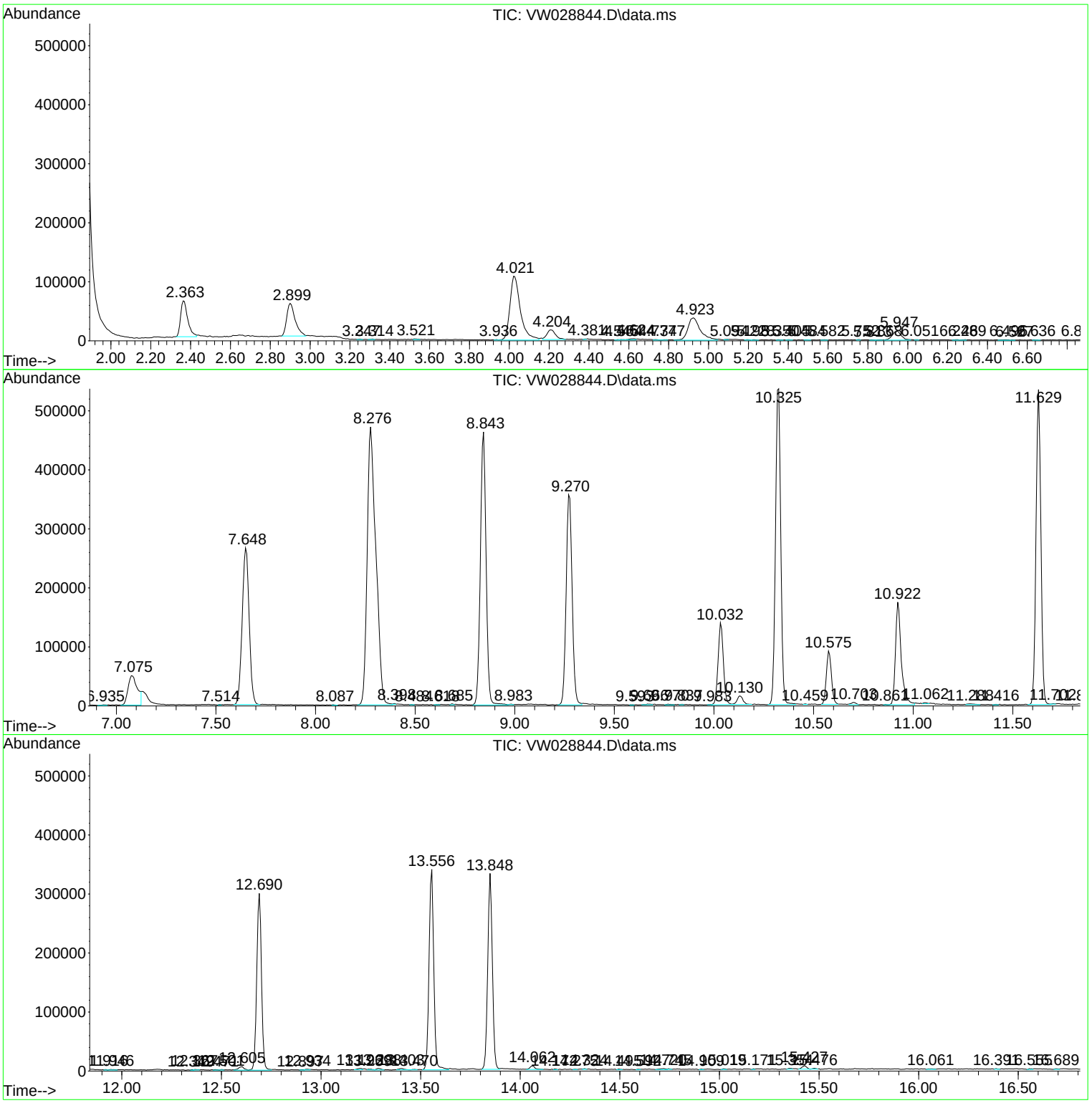
Instrument :
MSVOA_W
ClientSampleId :
BH5T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
ClientSampleId :
BH5T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

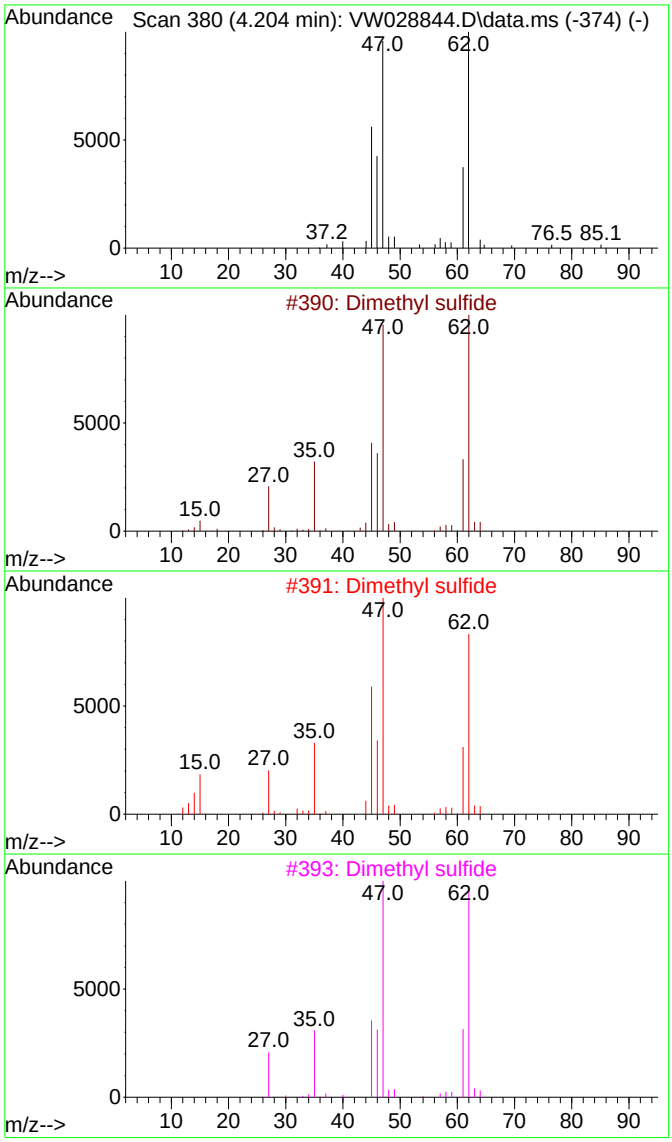
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

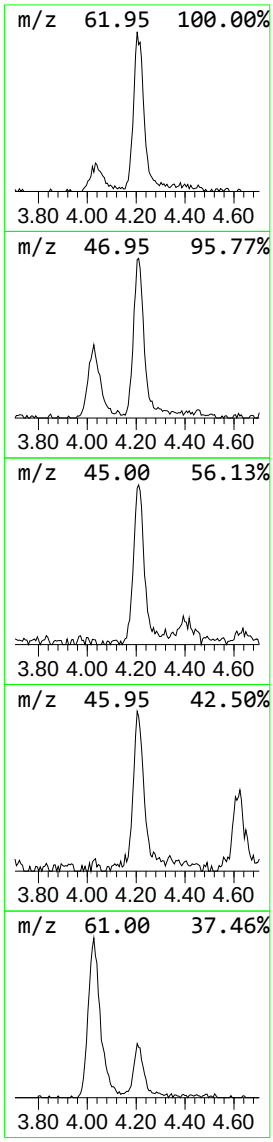
****

Peak Number 1 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.204	1.32 ug/L	48556	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	91
2	Dimethyl sulfide	62	C2H6S	000075-18-3	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Dimethyl sulfide	62	C2H6S	000075-18-3	90





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BH5T2

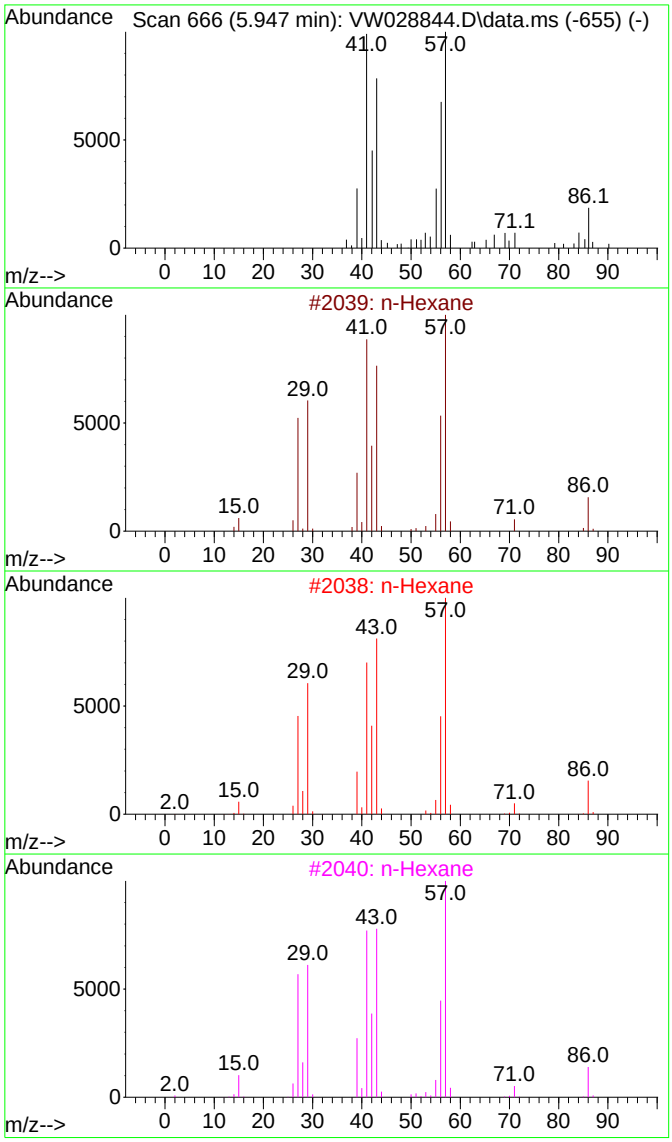
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

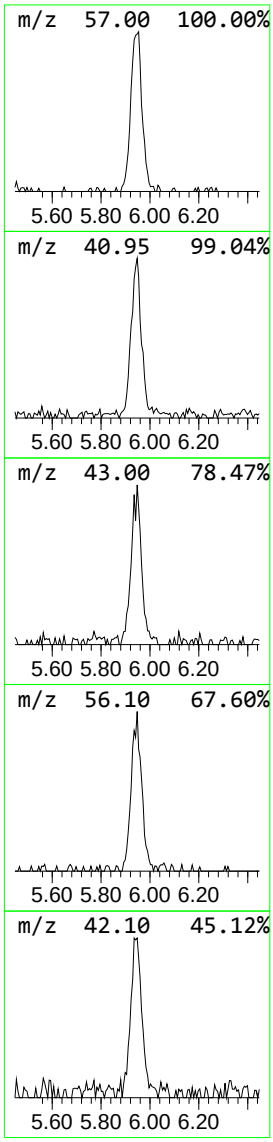
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.947	1.29 ug/L	47404	1,4-Difluorobenzene	8.843

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	86
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50





Tentatively Identified Compound (LSC) summary

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Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl sulfide	4.204	1.3	ug/L	48556	1	8.843	916916	25.0
(DEL) Alkane: S...	5.947	1.3	ug/L	47404	1	8.843	916916	25.0