LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010103.D
Acq On : 03 Apr 2019 20:41
Operator : SY/MD
Sample : K2148-14RE
Misc : 5.31G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G1RE

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_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.209	32	37	47	rVB	13129	14681	7.09%	1.044%
2	2.129	315	323	332	rVB	55646	79448	38.37%	5.649%
3	2.412	407	411	415	rBV4	650	425	0.21%	0.030%
4	2.438	415	419	422	rVB3	657	433	0.21%	0.031%
5	2.537	439	450	465	rBV2	20371	32204	15.55%	2.290%
6	3.074	602	617	628	rBV4	4487	9707	4.69%	0.690%
7	3.341	698	700	706	rVV3	474	368	0.18%	0.026%
8	3.418	722	724	728	rBV2	456	327	0.16%	0.023%
9	3.602	777	781	782	rBV	393	302	0.15%	0.021%
10	3.749	825	827	828	rBV	562	253	0.12%	0.018%
11	3.772	831	834	835	rBV2	518	328	0.16%	0.023%
12	3.939	876	886	900	rBV2	9381	22208	10.73%	1.579%
13	4.209	966	970	974	rVB2	499	402	0.19%	0.029%
14	4.235	974	978	980	rBV2	620	360	0.17%	0.026%
15	4.264	983	987	990	rBV2	587	418	0.20%	0.030%
16	4.322	1003	1005	1007	rVB2	511	233	0.11%	0.017%
17	4.402	1015	1030	1050	rBV2	33593	85402	41.24%	6.072%
18	4.524	1064	1068	1072	rBV3	459	387	0.19%	0.028%
19	4.695	1119	1121	1122	rBV	574	240	0.12%	0.017%
20	4.724	1128	1130	1134	rVB3	639	373	0.18%	0.027%
21	4.901	1182	1185	1189	rBV2	373	273	0.13%	0.019%
22	5.093	1229	1245	1265	rBV4	79664	207061	100.00%	14.722%
23	5.341	1321	1322	1328	rVB2	728	340	0.16%	0.024%
24	5.376	1328	1333	1335	rBV2	399	359	0.17%	0.026%
25	5.437	1350	1352	1360	rVB2	562	601	0.29%	0.043%
26	5.569	1391	1393	1395	rBV	491	263	0.13%	0.019%
27	5.582	1395	1397	1399	rVB	756	344	0.17%	0.024%
28	5.666	1407	1423	1440	rBV2	64194	128543	62.08%	9.139%
29	5.788	1458	1461	1464	rBV3	506	392	0.19%	0.028%
30	5.823	1469	1472	1476	rBV3	873	621	0.30%	0.044%
31	5.884	1486	1491	1492	rBV3	463	368	0.18%	0.026%
32	5.945	1504	1510	1516	rBV4	1782	2374	1.15%	0.169%
33	6.023	1530	1534	1535	rVB	530	293	0.14%	0.021%
34	6.035	1535	1538	1543	rVB2	589	460	0.22%	0.033%

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Misc : 5.31G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G1RE

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_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

35	6.064	1543	1547	1548	rBV2	525	408	0.20%	0.029%
36	6.116	1552	1563	1579	rBV3	49262	100279	48.43%	7.130%
37	6.212	1591	1593	1597	rVB3	808	392	0.19%	0.028%
38	6.299	1616	1620	1623	rBV2	420	319	0.15%	0.023%
39	6.367	1637	1641	1642	rBV2	381	237	0.11%	0.017%
40	6.437	1660	1663	1665	rBV2	575	443	0.21%	0.031%
41	6.454	1665	1668	1671	rVV2	399	254	0.12%	0.018%
42	6.672	1732	1736	1737	rBV	945	431	0.21%	0.031%
43	6.810	1777	1779	1780	rBV2	514	250	0.12%	0.018%
44	6.859	1792	1794	1796	rBV	435	261	0.13%	0.019%
45	6.900	1805	1807	1813	rBV2	442	404	0.20%	0.029%
46	7.029	1837	1847	1865	rBV2	19170	35260	17.03%	2.507%
47	7.264	1918	1920	1924	rVB	319	252	0.12%	0.018%
48	7.289	1924	1928	1930	rBV2	479	379	0.18%	0.027%
49	7.360	1936	1950	1968	rBV	81737	149033	71.98%	10.596%
50	7.515	1995	1998	2003	rVB5	496	504	0.24%	0.036%
51	7.543	2003	2007	2009	rBV2	496	410	0.20%	0.029%
52	7.627	2031	2033	2036	rVB	592	238	0.11%	0.017%
53	7.666	2036	2045	2055	rBV3	12037	20520	9.91%	1.459%
54	8.019	2149	2155	2163	rBV4	4524	6507	3.14%	0.463%
55	8.135	2181	2191	2206	rBV	23606	44815	21.64%	3.186%
56	8.367	2261	2263	2267	rVB	822	436	0.21%	0.031%
57	8.405	2271	2275	2276	rBV	510	286	0.14%	0.020%
58	8.457	2285	2291	2294	rBV2	483	441	0.21%	0.031%
59	8.473	2294	2296	2298	rBV2	563	239	0.12%	0.017%
60	8.505	2305	2306	2312	rBV3	521	454	0.22%	0.032%
61	8.595	2332	2334	2336	rBV	476	258	0.12%	0.018%
62	8.621	2339	2342	2346	rBV2	372	243	0.12%	0.017%
63	8.717	2370	2372	2375	rBV2	437	275	0.13%	0.020%
64	8.772	2385	2389	2391	rBV2	543	362	0.17%	0.026%
65	8.897	2417	2428	2447	rBV2	88298	157249	75.94%	11.180%
66	9.084	2482	2486	2490	rBV2	692	654	0.32%	0.046%
67	9.379	2575	2578	2580	rBV	494	296	0.14%	0.021%
68	9.489	2609	2612	2615	rBV2	426	398	0.19%	0.028%
69	9.559	2632	2634	2637	rBV	414	256	0.12%	0.018%
70	9.604	2646	2648	2650	rBV2	491	320	0.15%	0.023%
71	9.630	2654	2656	2659	rVV	524	378	0.18%	0.027%

LSC Area Percent Report

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Operator : SY/MD
Sample : K2148-14RE
Misc : 5.31G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G1RE

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_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

72	9.669	2662	2668	2670	rBV4	576	423	0.20%	0.030%
73	9.749	2686	2693	2695	rBV3	294	333	0.16%	0.024%
74	9.858	2724	2727	2732	rBV2	312	286	0.14%	0.020%
75	10.260	2842	2852	2866	rVV2	53404	87487	42.25%	6.220%
76	10.656	2972	2975	2978	rBV	474	290	0.14%	0.021%
77	10.685	2981	2984	2987	rVV	518	333	0.16%	0.024%
78	11.183	3133	3139	3142	rBV3	1033	960	0.46%	0.068%
79	11.257	3157	3162	3164	rBV	589	441	0.21%	0.031%
80	11.299	3164	3175	3194	rVV3	48576	95454	46.10%	6.787%
81	11.428	3213	3215	3216	rBV3	621	272	0.13%	0.019%
82	11.572	3256	3260	3261	rBV	527	308	0.15%	0.022%
83	11.595	3265	3267	3270	rBV2	421	248	0.12%	0.018%
84	11.675	3281	3292	3309	rBV3	52468	97486	47.08%	6.931%
85	11.923	3366	3369	3371	rBV	458	242	0.12%	0.017%
86	12.077	3415	3417	3419	rBV	468	258	0.12%	0.018%
87	12.280	3478	3480	3481	rBV	501	240	0.12%	0.017%
88	12.370	3506	3508	3512	rVV	652	435	0.21%	0.031%
89	12.392	3512	3515	3520	rVB2	356	296	0.14%	0.021%
90	12.643	3591	3593	3596	rBV	516	257	0.12%	0.018%
91	12.820	3645	3648	3655	rVB3	479	523	0.25%	0.037%
92	12.936	3681	3684	3686	rBV2	421	253	0.12%	0.018%
93	13.042	3714	3717	3719	rBV2	380	261	0.13%	0.019%
94	13.096	3731	3734	3736	rBV	420	279	0.13%	0.020%
95	13.746	3933	3936	3940	rBV2	593	456	0.22%	0.032%
96	13.791	3948	3950	3960	rVB5	1940	2140	1.03%	0.152%
97	13.916	3987	3989	3993	rBV2	849	564	0.27%	0.040%
98	13.964	4002	4004	4007	rBV	473	263	0.13%	0.019%
99	14.064	4033	4035	4036	rBV	893	362	0.17%	0.026%
100	14.559	4186	4189	4192	rBV3	459	438	0.21%	0.031%

Sum of corrected areas: 1406520

LSC Report - Integrated Chromatogram

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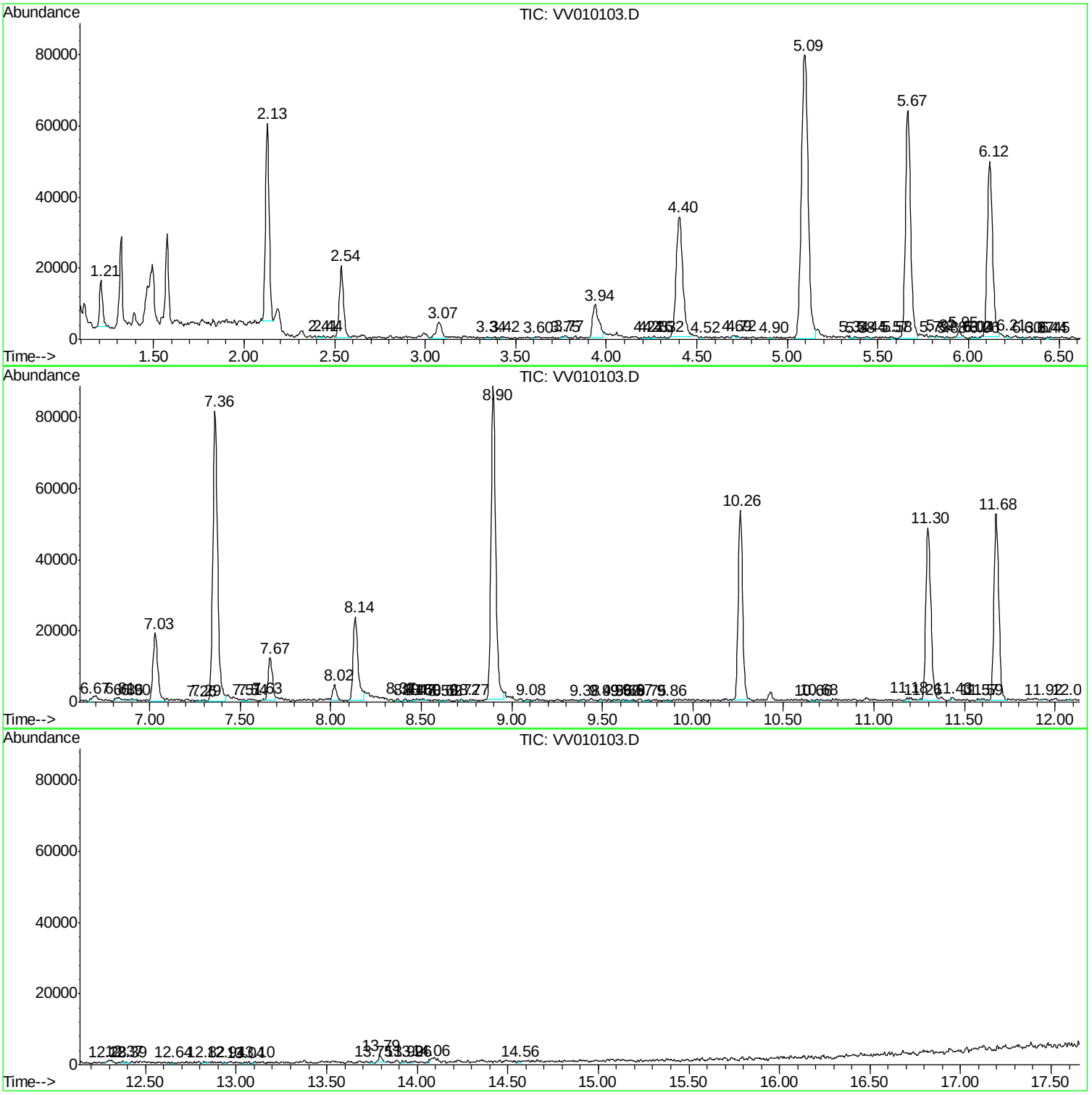
Misc : 5.31G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010103.D
Acq On : 03 Apr 2019 20:41
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

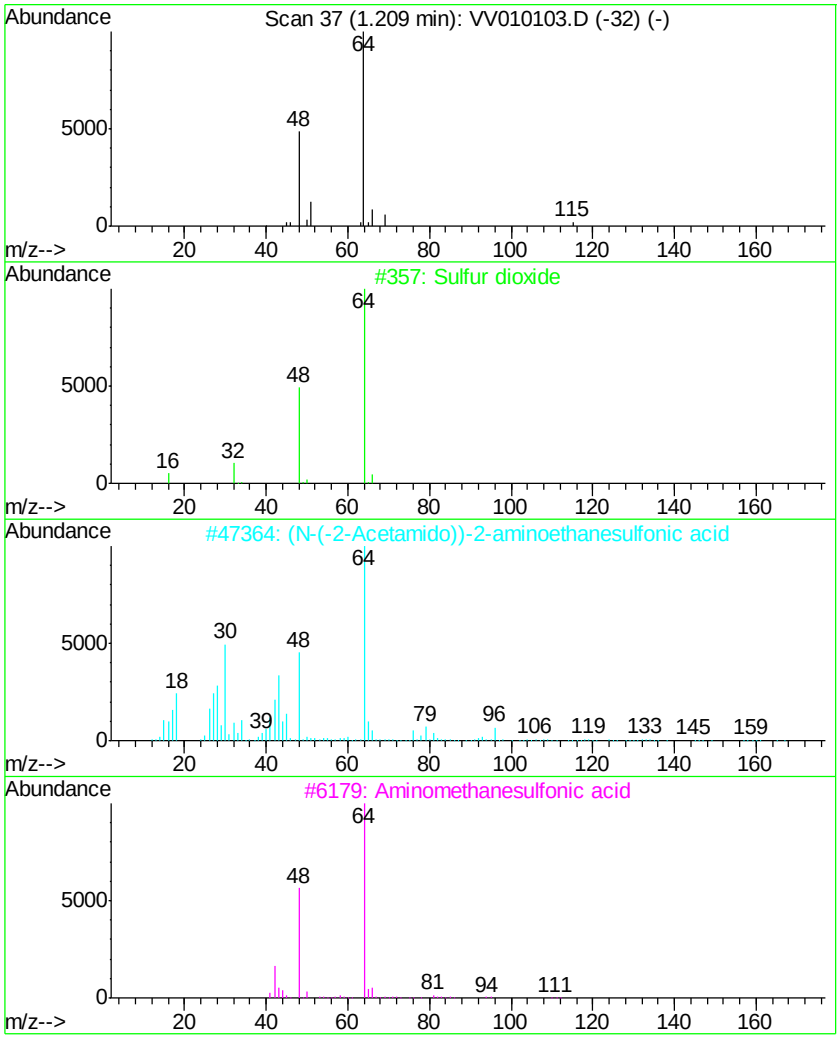
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

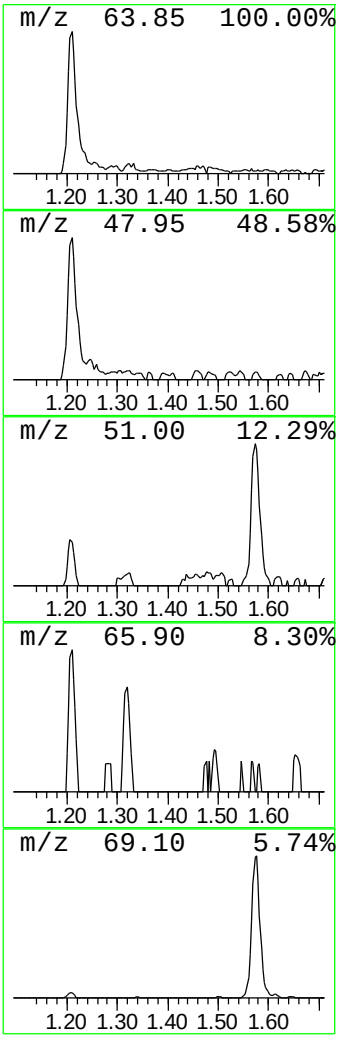
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.86 ug/L	14681	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
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Instrument : MSVOA_V
ClientSampleId : BF5G1RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

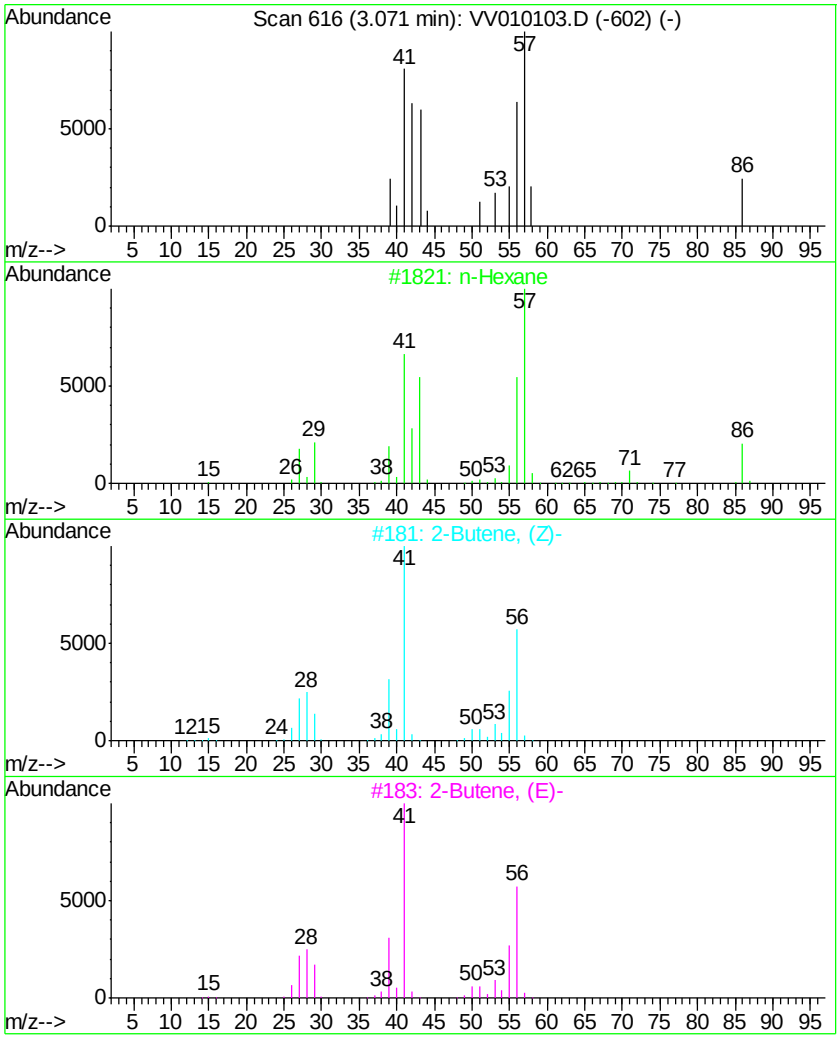
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

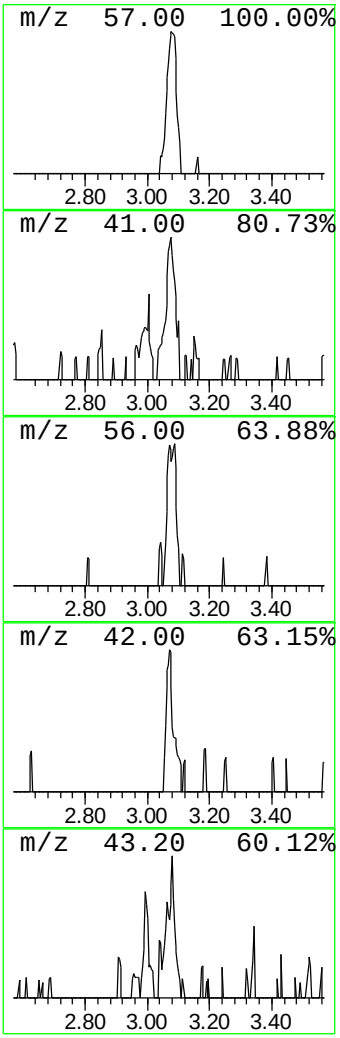
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	1.89 ug/L	9707	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	53
2	2-Butene, (Z)-	56	C4H8	000590-18-1	27
3	2-Butene, (E)-	56	C4H8	000624-64-6	9
4	2-Butene	56	C4H8	000107-01-7	9
5	n-Hexane	86	C6H14	000110-54-3	9





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.21	2.9	ug/L	14681	1	5.67	128543	25.0
(DEL) Alkane: Str...	3.07	1.9	ug/L	9707	1	5.67	128543	25.0