LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010180.D
Acq On : 08 Apr 2019 17:07
Operator : SY/MD
Sample : K2218-11
Misc : 5.23G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

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	2.229	347	354	369	rVB	124439	181859	66.41%	9.608%
2	2.396	404	406	413	rVB5	1058	799	0.29%	0.042%
3	2.537	440	450	466	rVV2	32166	53369	19.49%	2.820%
4	2.608	470	472	476	rVB2	700	458	0.17%	0.024%
5	2.820	534	538	540	rBV3	513	422	0.15%	0.022%
6	2.971	581	585	586	rBV	421	240	0.09%	0.013%
7	3.003	593	595	602	rVB3	481	307	0.11%	0.016%
8	3.074	606	617	631	rVB7	4128	8758	3.20%	0.463%
9	3.306	687	689	692	rVV	646	384	0.14%	0.020%
10	3.383	711	713	716	rBV2	342	217	0.08%	0.011%
11	3.482	738	744	746	rBV3	333	315	0.12%	0.017%
12	3.553	764	766	770	rVB2	488	272	0.10%	0.014%
13	3.724	817	819	822	rVB2	479	274	0.10%	0.014%
14	3.974	883	897	898	rBV5	3441	5404	1.97%	0.285%
15	4.325	1002	1006	1007	rBV	1054	806	0.29%	0.043%
16	4.508	1060	1063	1064	rBV2	602	327	0.12%	0.017%
17	4.601	1089	1092	1095	rBV3	665	430	0.16%	0.023%
18	4.743	1133	1136	1138	rVB	449	225	0.08%	0.012%
19	4.910	1184	1188	1189	rBV	374	261	0.10%	0.014%
20	4.987	1210	1212	1215	rBV	447	275	0.10%	0.015%
21	5.093	1229	1245	1269	rBV4	107233	273823	100.00%	14.466%
22	5.238	1288	1290	1294	rVB	856	512	0.19%	0.027%
23	5.338	1317	1321	1325	rBV3	771	603	0.22%	0.032%
24	5.408	1341	1343	1344	rBV3	723	325	0.12%	0.017%
25	5.511	1372	1375	1377	rVV3	475	259	0.09%	0.014%
26	5.666	1411	1423	1444	rBV3	86939	174046	63.56%	9.195%
27	5.826	1471	1473	1475	rBV3	991	554	0.20%	0.029%
28	5.891	1489	1493	1495	rBV3	427	332	0.12%	0.018%
29	5.952	1503	1512	1521	rBV9	3074	6084	2.22%	0.321%
30	6.029	1534	1536	1539	rVB	549	207	0.08%	0.011%
31	6.119	1548	1564	1584	rBV3	76741	157625	57.56%	8.328%
32	6.360	1637	1639	1643	rBV2	668	396	0.14%	0.021%
33	6.399	1648	1651	1654	rBV2	404	304	0.11%	0.016%
34	6.418	1654	1657	1660	rVB2	773	593	0.22%	0.031%

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Instrument : MSVOA_V
ClientSampleId :

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

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Peak separation: 5

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

35	6.437	1660	1663	1665	rBV2	496	282	0.10%	0.015%
36	6.476	1673	1675	1679	rVB2	534	388	0.14%	0.020%
37	6.624	1716	1721	1724	rBV3	351	407	0.15%	0.022%
38	6.653	1727	1730	1732	rVV2	424	232	0.08%	0.012%
39	6.698	1742	1744	1746	rBV3	380	240	0.09%	0.013%
40	6.762	1762	1764	1768	rVB2	323	245	0.09%	0.013%
41	6.785	1768	1771	1773	rBV	568	330	0.12%	0.017%
42	6.810	1777	1779	1781	rBV2	583	329	0.12%	0.017%
43	6.862	1792	1795	1797	rBV	572	436	0.16%	0.023%
44	6.907	1805	1809	1811	rBV3	354	257	0.09%	0.014%
45	6.997	1835	1837	1840	rBV	390	231	0.08%	0.012%
46	7.032	1840	1848	1859	rVV4	5552	10453	3.82%	0.552%
47	7.132	1867	1879	1893	rBV3	36894	66521	24.29%	3.514%
48	7.273	1919	1923	1925	rBV3	625	470	0.17%	0.025%
49	7.360	1935	1950	1965	rBV	94851	171226	62.53%	9.046%
50	7.617	2026	2030	2036	rBV2	660	450	0.16%	0.024%
51	7.666	2036	2045	2046	rBV2	7097	6507	2.38%	0.344%
52	7.740	2065	2068	2070	rBV	519	214	0.08%	0.011%
53	7.810	2088	2090	2094	rVB3	511	318	0.12%	0.017%
54	7.878	2109	2111	2115	rBV2	682	386	0.14%	0.020%
55	8.170	2185	2202	2215	rBV8	13565	34842	12.72%	1.841%
56	8.601	2334	2336	2339	rBV	670	361	0.13%	0.019%
57	8.621	2339	2342	2345	rVB3	688	399	0.15%	0.021%
58	8.662	2348	2355	2357	rBV2	886	853	0.31%	0.045%
59	8.788	2391	2394	2398	rBV2	534	464	0.17%	0.025%
60	8.897	2417	2428	2443	rBV	142867	240470	87.82%	12.704%
61	9.055	2475	2477	2480	rVB	881	330	0.12%	0.017%
62	9.084	2484	2486	2491	rVB2	632	323	0.12%	0.017%
63	9.183	2515	2517	2519	rVV	529	285	0.10%	0.015%
64	9.219	2523	2528	2530	rBV2	432	367	0.13%	0.019%
65	9.231	2530	2532	2539	rVB3	452	279	0.10%	0.015%
66	9.518	2618	2621	2624	rBV2	385	327	0.12%	0.017%
67	9.550	2629	2631	2634	rVB2	370	246	0.09%	0.013%
68	9.592	2643	2644	2651	rVB3	725	440	0.16%	0.023%
69	9.762	2690	2697	2699	rBV5	553	633	0.23%	0.033%
70	9.936	2749	2751	2757	rVB2	344	363	0.13%	0.019%
71	9.974	2761	2763	2766	rBV2	556	356	0.13%	0.019%

LSC Area Percent Report

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ClientSampleId :

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

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Peak separation: 5

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

72	10.077	2792	2795	2799	rVB2	525	322	0.12%	0.017%
73	10.138	2810	2814	2818	rBV3	531	482	0.18%	0.025%
74	10.264	2841	2853	2870	rVB	85403	136810	49.96%	7.228%
75	10.395	2892	2894	2896	rBV2	362	215	0.08%	0.011%
76	10.418	2897	2901	2902	rBV2	1130	731	0.27%	0.039%
77	10.842	3025	3033	3037	rBV5	1576	1788	0.65%	0.094%
78	10.964	3065	3071	3073	rBV3	1001	1002	0.37%	0.053%
79	11.116	3116	3118	3121	rBV2	556	319	0.12%	0.017%
80	11.154	3127	3130	3131	rBV2	590	340	0.12%	0.018%
81	11.299	3163	3175	3192	rBV2	103979	183269	66.93%	9.682%
82	11.415	3206	3211	3214	rBV4	736	808	0.30%	0.043%
83	11.473	3227	3229	3233	rVB2	632	462	0.17%	0.024%
84	11.518	3238	3243	3245	rBV3	598	381	0.14%	0.020%
85	11.675	3280	3292	3307	rVV	87315	147287	53.79%	7.781%
86	11.945	3374	3376	3380	rBV	365	265	0.10%	0.014%
87	11.984	3386	3388	3391	rBV2	378	260	0.09%	0.014%
88	12.289	3478	3483	3484	rBV3	1206	947	0.35%	0.050%
89	12.402	3515	3518	3520	rBV3	872	429	0.16%	0.023%
90	12.575	3569	3572	3575	rBV3	722	547	0.20%	0.029%
91	12.630	3583	3589	3590	rBV2	512	416	0.15%	0.022%
92	12.669	3597	3601	3604	rVB2	426	355	0.13%	0.019%
93	13.485	3852	3855	3857	rBV2	557	403	0.15%	0.021%
94	13.543	3870	3873	3876	rBV3	599	467	0.17%	0.025%
95	13.620	3895	3897	3899	rBV2	485	307	0.11%	0.016%
96	13.665	3907	3911	3912	rBV	385	266	0.10%	0.014%
97	13.852	3966	3969	3971	rBV	689	487	0.18%	0.026%
98	14.234	4086	4088	4092	rVB2	628	284	0.10%	0.015%
99	14.842	4274	4277	4278	rBV	642	381	0.14%	0.020%
100	15.791	4570	4572	4574	rBV2	957	466	0.17%	0.025%

Sum of corrected areas: 1892821

LSC Report - Integrated Chromatogram

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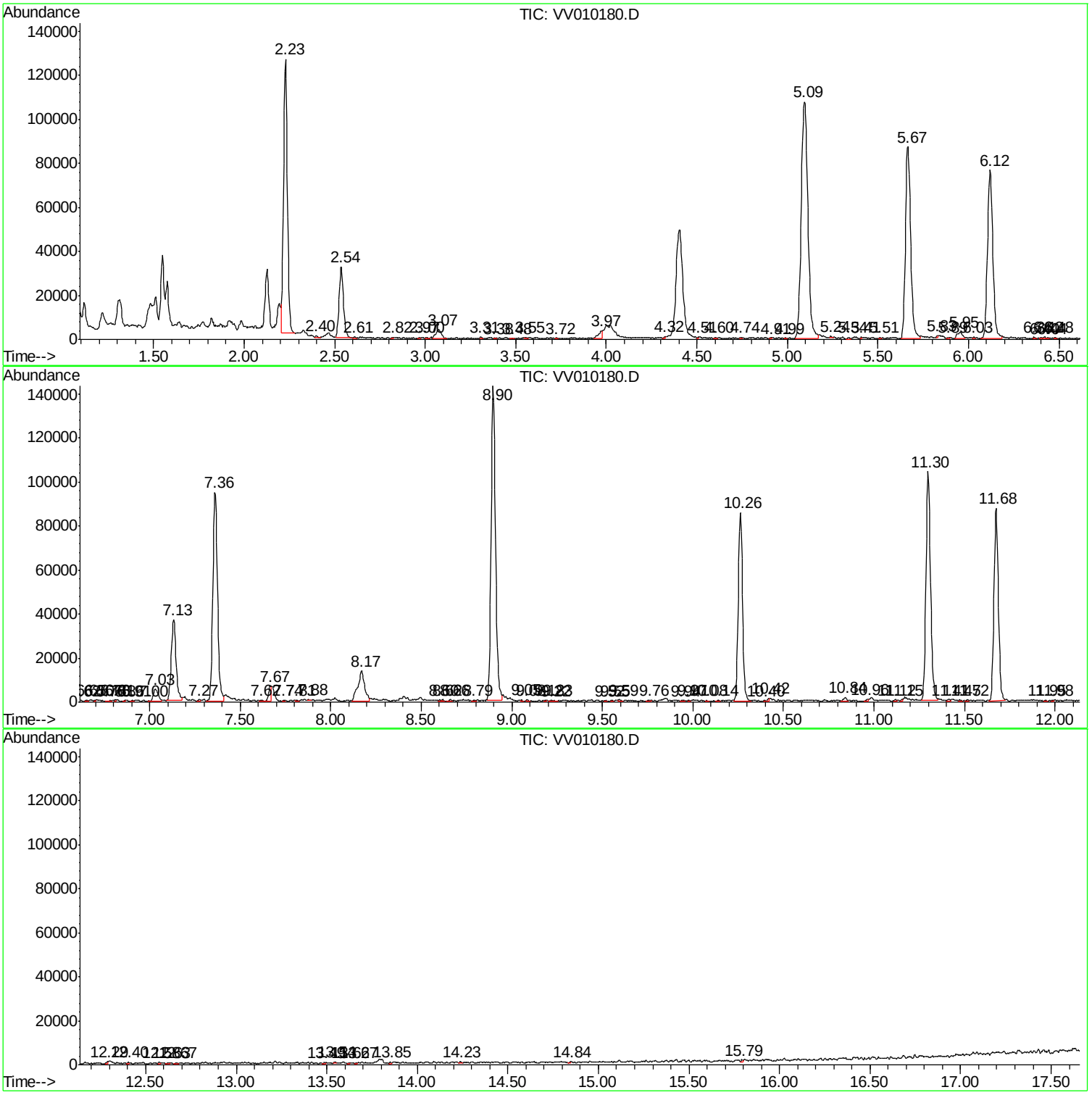
Instrument : MSVOA_V
ClientSampleId :

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010180.D
Acq On : 08 Apr 2019 17:07
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ClientSampleId :

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

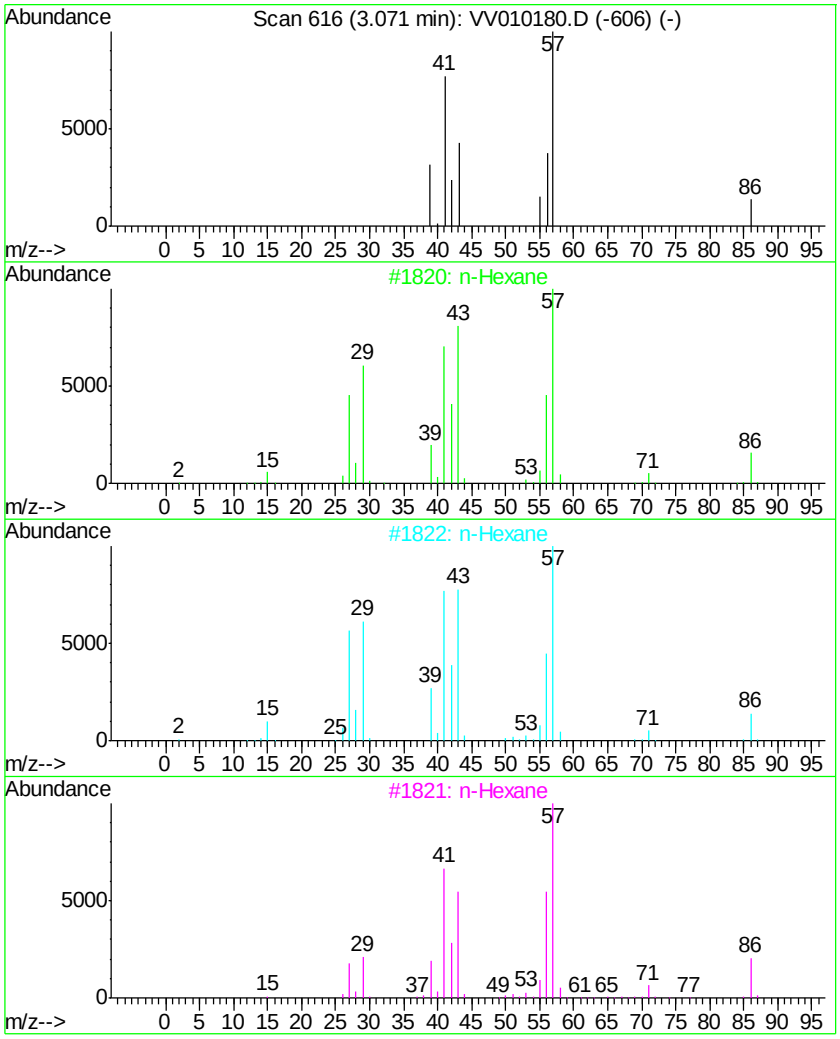
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

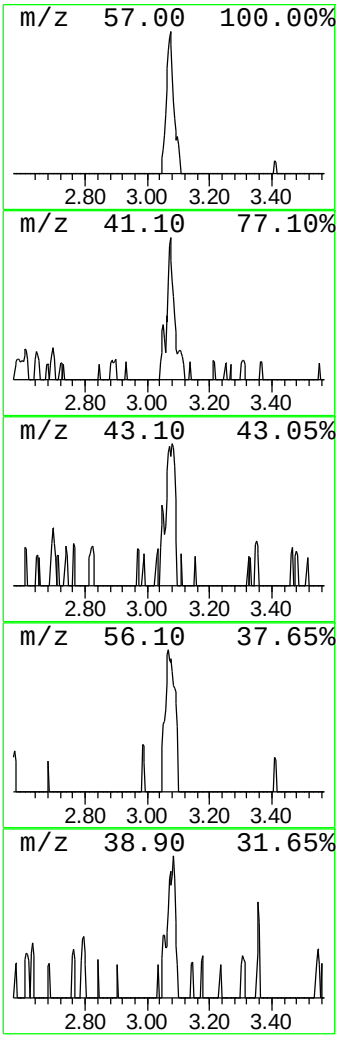
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	1.26 ug/L	8758	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	80
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	50
4	2-Butene	56	C4H8	000107-01-7	35
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	25





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Quant Title : VOC Analysis

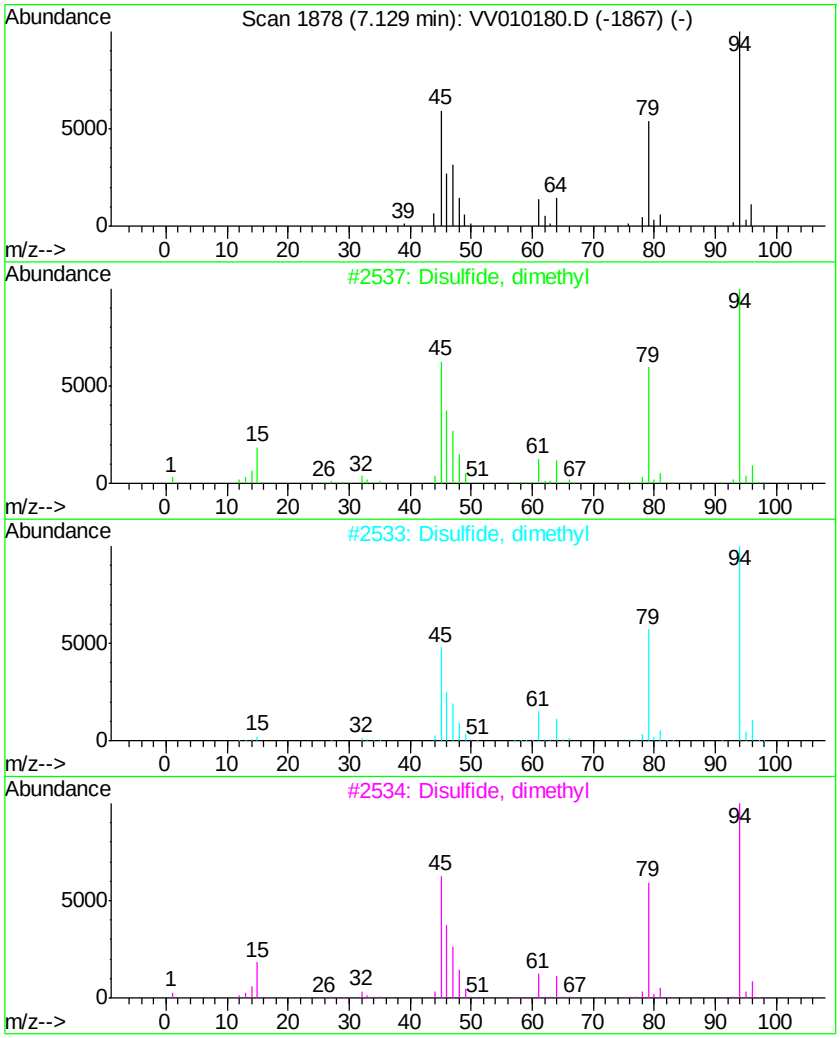
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

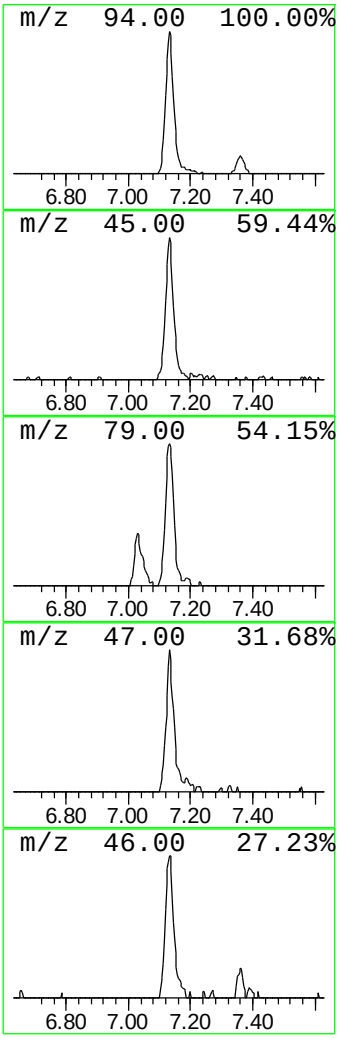
****

Peak Number 3 Disulfide, dimethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	9.56 ug/L	66521	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	94
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	93
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	93
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	91
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	90





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.07	1.3	ug/L	8758	1	5.67	174046	25.0
Disulfide, dimethyl	7.13	9.6	ug/L	66521	1	5.67	174046	25.0