LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018460.D
Acq On : 25 Sep 2020 17:02
Operator : SY/MD
Sample : L4108-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q0

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\SOMVLM090920WMA.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	1.315	63	70	85	rVB	221616	223270	15.36%	2.067%
2	1.393	89	94	109	rVB	8225	10401	0.72%	0.096%
3	1.576	144	151	166	rVB	177714	201740	13.88%	1.868%
4	2.123	310	321	358	rVB	365607	567247	39.01%	5.252%
5	2.312	375	380	392	rVB2	1257	1690	0.12%	0.016%
6	2.528	439	447	450	rBV4	1333	1841	0.13%	0.017%
7	2.785	516	527	537	rBV6	1988	3767	0.26%	0.035%
8	3.065	604	614	626	rBV3	5029	10277	0.71%	0.095%
9	3.794	833	841	847	rBV3	472	809	0.06%	0.007%
10	3.846	851	857	864	rVB2	236	288	0.02%	0.003%
11	3.917	867	879	920	rBV	92362	285138	19.61%	2.640%
12	4.376	1005	1022	1054	rBV	222322	552578	38.01%	5.117%
13	4.621	1096	1098	1103	rVB	446	244	0.02%	0.002%
14	4.695	1116	1121	1123	rBV	385	294	0.02%	0.003%
15	5.071	1221	1238	1285	rBV2	572006	1453941	100.00%	13.463%
16	5.640	1403	1415	1441	rBV	345485	692087	47.60%	6.408%
17	5.929	1493	1505	1521	rBV	31959	65143	4.48%	0.603%
18	6.093	1542	1556	1581	rBV	316358	636588	43.78%	5.895%
19	6.235	1596	1600	1603	rBV5	500	493	0.03%	0.005%
20	6.328	1624	1629	1632	rBV2	279	251	0.02%	0.002%
21	7.007	1829	1840	1868	rBV	185027	334809	23.03%	3.100%
22	7.161	1885	1888	1897	rVB4	456	591	0.04%	0.005%
23	7.280	1919	1925	1931	rBV4	614	645	0.04%	0.006%
24	7.338	1931	1943	1966	rBV	685192	1181034	81.23%	10.936%
25	7.589	2017	2021	2024	rVB2	461	334	0.02%	0.003%
26	7.643	2027	2038	2069	rBV	132734	229171	15.76%	2.122%
27	7.958	2126	2136	2146	rVV2	2434	4101	0.28%	0.038%
28	8.000	2146	2149	2155	rVB5	682	762	0.05%	0.007%
29	8.109	2172	2183	2228	rBV2	308662	594703	40.90%	5.507%
30	8.270	2229	2233	2243	rVB6	1996	3349	0.23%	0.031%
31	8.338	2252	2254	2261	rVB4	709	531	0.04%	0.005%
32	8.543	2314	2318	2321	rVB3	257	235	0.02%	0.002%
33	8.724	2370	2374	2379	rVB2	209	225	0.02%	0.002%
34	8.807	2397	2400	2405	rVB3	252	220	0.02%	0.002%

LSC Area Percent Report

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Sample : L4108-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q0

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\SOMVLM090920WMA.M
Title : VOC Analysis

35	8.871	2408	2420	2452	rBV	526027	856943	58.94%	7.935%
36	9.029	2466	2469	2472	rBV3	560	449	0.03%	0.004%
37	9.170	2504	2513	2523	rVV2	1542	2453	0.17%	0.023%
38	9.232	2524	2532	2540	rVB6	1869	3065	0.21%	0.028%
39	9.492	2609	2613	2621	rVB2	667	879	0.06%	0.008%
40	9.569	2631	2637	2641	rBV3	578	622	0.04%	0.006%
41	9.730	2682	2687	2695	rVB4	1221	1809	0.12%	0.017%
42	9.820	2710	2715	2726	rVV2	752	1029	0.07%	0.010%
43	9.871	2726	2731	2736	rVB4	849	909	0.06%	0.008%
44	9.952	2752	2756	2757	rBV2	622	443	0.03%	0.004%
45	10.039	2776	2783	2791	rVV5	1292	2094	0.14%	0.019%
46	10.087	2791	2798	2800	rVV3	1049	1115	0.08%	0.010%
47	10.106	2800	2804	2807	rVV4	2498	2653	0.18%	0.025%
48	10.145	2809	2816	2827	rVB4	5206	8598	0.59%	0.080%
49	10.238	2832	2845	2866	rBV	385885	598569	41.17%	5.542%
50	10.402	2881	2896	2906	rVB4	7432	15117	1.04%	0.140%
51	10.473	2909	2918	2933	rBV2	6520	14860	1.02%	0.138%
52	10.563	2940	2946	2950	rBV3	3072	3962	0.27%	0.037%
53	10.601	2950	2958	2972	rVB2	19285	30621	2.11%	0.284%
54	10.675	2978	2981	2983	rBV2	391	335	0.02%	0.003%
55	10.717	2987	2994	3000	rVV6	1709	2624	0.18%	0.024%
56	10.762	3003	3008	3012	rVV3	1295	1505	0.10%	0.014%
57	10.791	3014	3017	3024	rVB4	1385	1599	0.11%	0.015%
58	10.858	3030	3038	3043	rBV3	1973	2772	0.19%	0.026%
59	10.900	3043	3051	3056	rVV4	5069	7096	0.49%	0.066%
60	10.939	3056	3063	3072	rVB	12231	17476	1.20%	0.162%
61	11.055	3092	3099	3109	rBV4	2214	3978	0.27%	0.037%
62	11.096	3109	3112	3114	rBV3	451	290	0.02%	0.003%
63	11.174	3125	3136	3143	rBV7	3774	6802	0.47%	0.063%
64	11.212	3145	3148	3155	rVB6	913	1014	0.07%	0.009%
65	11.270	3155	3166	3186	rBV	563478	875620	60.22%	8.108%
66	11.395	3200	3205	3215	rVB6	5070	7981	0.55%	0.074%
67	11.485	3227	3233	3245	rVB4	5013	7217	0.50%	0.067%
68	11.556	3250	3255	3259	rBV5	1148	1451	0.10%	0.013%
69	11.646	3271	3283	3306	rBV	729135	1124011	77.31%	10.408%
70	11.810	3322	3334	3345	rBV	31553	47199	3.25%	0.437%
71	11.958	3368	3380	3388	rBV5	3205	5911	0.41%	0.055%

LSC Area Percent Report

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Sample : L4108-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q0

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\SOMVLM090920WMA.M
Title : VOC Analysis

72	12.010	3390	3396	3413	rVB8	3104	6920	0.48%	0.064%
73	12.141	3433	3437	3447	rVB5	2270	3083	0.21%	0.029%
74	12.219	3454	3461	3467	rVB4	949	1100	0.08%	0.010%
75	12.273	3467	3478	3490	rBV3	4553	8365	0.58%	0.077%
76	12.389	3504	3514	3522	rBV5	4363	7528	0.52%	0.070%
77	12.489	3537	3545	3551	rBV6	3270	4981	0.34%	0.046%
78	12.527	3552	3557	3562	rVB3	1894	2351	0.16%	0.022%
79	12.611	3577	3583	3590	rBV4	2057	3006	0.21%	0.028%
80	12.669	3593	3601	3609	rVB4	1360	2356	0.16%	0.022%
81	12.749	3623	3626	3630	rVB	487	388	0.03%	0.004%
82	12.807	3641	3644	3646	rBV	356	259	0.02%	0.002%
83	12.868	3660	3663	3667	rBV2	347	257	0.02%	0.002%
84	12.910	3667	3676	3690	rVV2	10783	16885	1.16%	0.156%
85	13.061	3716	3723	3731	rBV4	2233	3450	0.24%	0.032%
86	13.161	3749	3754	3757	rBV3	310	256	0.02%	0.002%
87	13.286	3788	3793	3802	rBV4	1365	1842	0.13%	0.017%
88	13.453	3843	3845	3850	rVB2	702	463	0.03%	0.004%
89	13.485	3850	3855	3856	rBV2	703	470	0.03%	0.004%
90	13.530	3866	3869	3871	rBV2	1659	1199	0.08%	0.011%
91	13.608	3890	3893	3897	rBV2	299	305	0.02%	0.003%
92	13.665	3903	3911	3916	rVB4	1200	1806	0.12%	0.017%
93	13.723	3923	3929	3934	rVB3	430	439	0.03%	0.004%
94	13.772	3939	3944	3954	rVV2	1157	1176	0.08%	0.011%
95	13.826	3957	3961	3962	rBV	452	278	0.02%	0.003%
96	13.923	3983	3991	4004	rBV4	4525	7207	0.50%	0.067%
97	14.145	4058	4060	4066	rBV2	237	266	0.02%	0.002%
98	14.530	4176	4180	4185	rBV5	754	700	0.05%	0.006%
99	14.672	4222	4224	4233	rVB3	668	612	0.04%	0.006%
100	14.868	4280	4285	4293	rBV4	1294	1825	0.13%	0.017%

Sum of corrected areas: 10799641

LSC Report - Integrated Chromatogram

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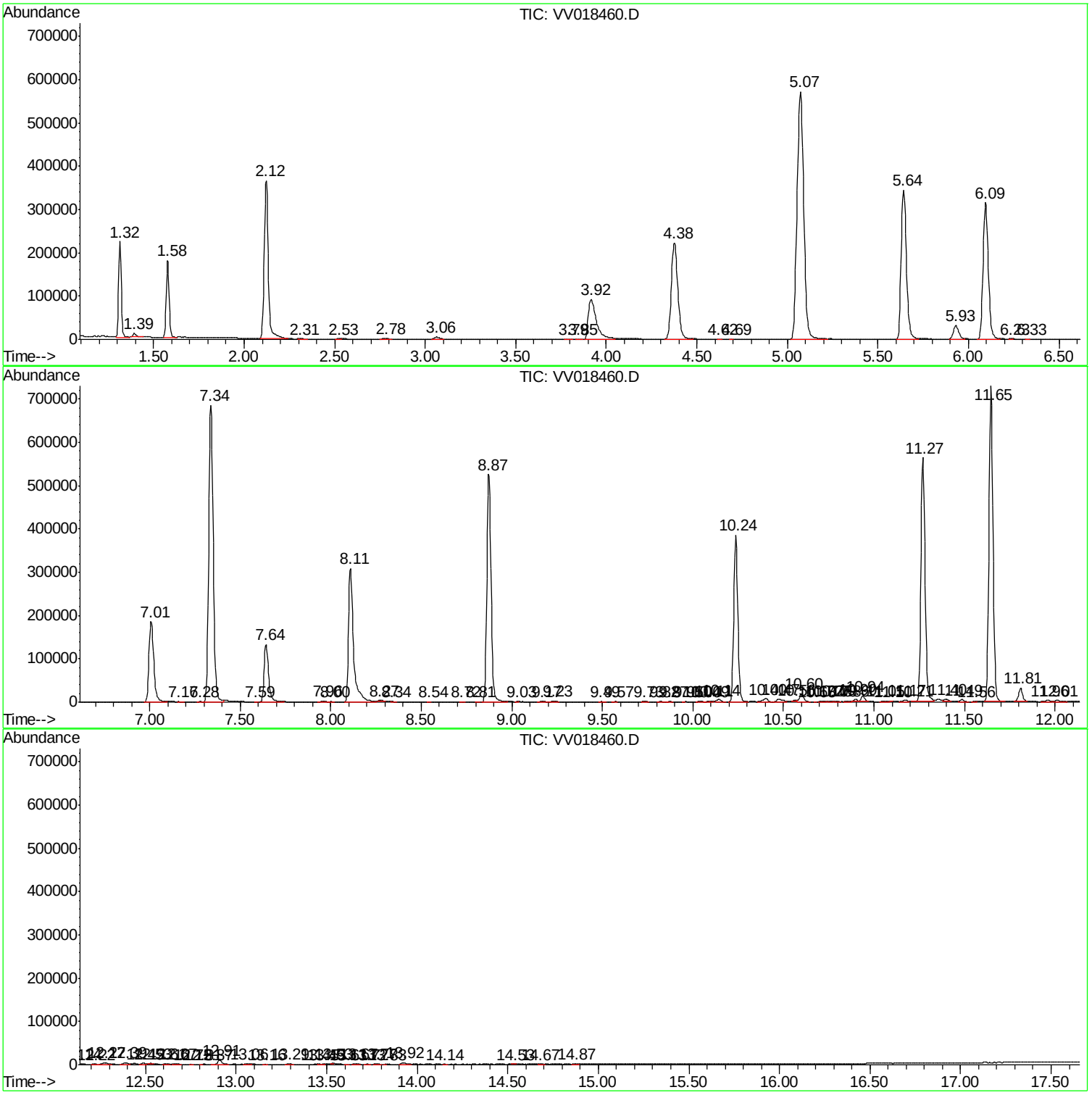
Operator : SY/MD
Sample : L4108-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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\VV092520\
Data File : VV018460.D
Acq On : 25 Sep 2020 17:02
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Sample : L4108-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

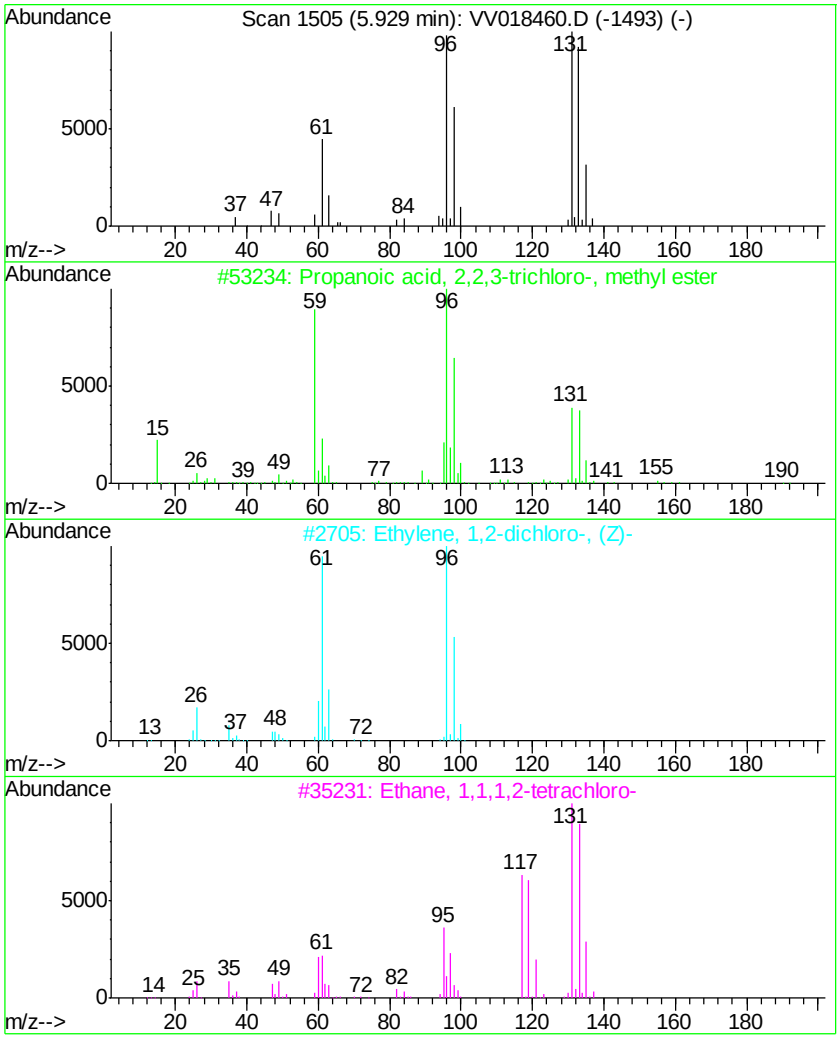
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

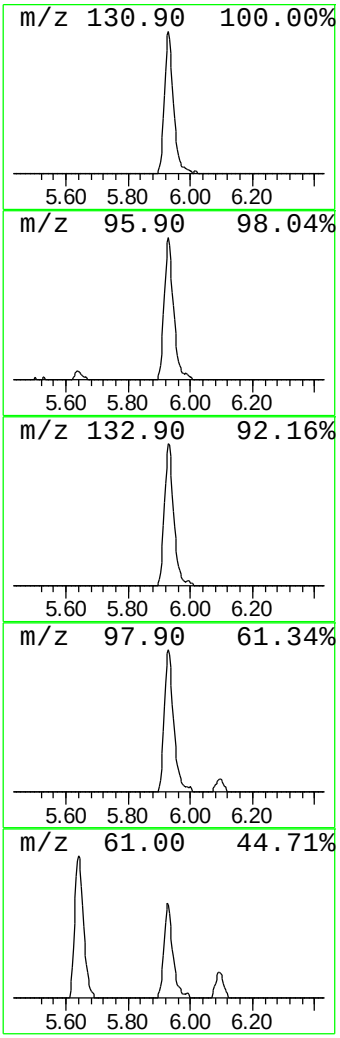
****

Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.71 ug/L	65143	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

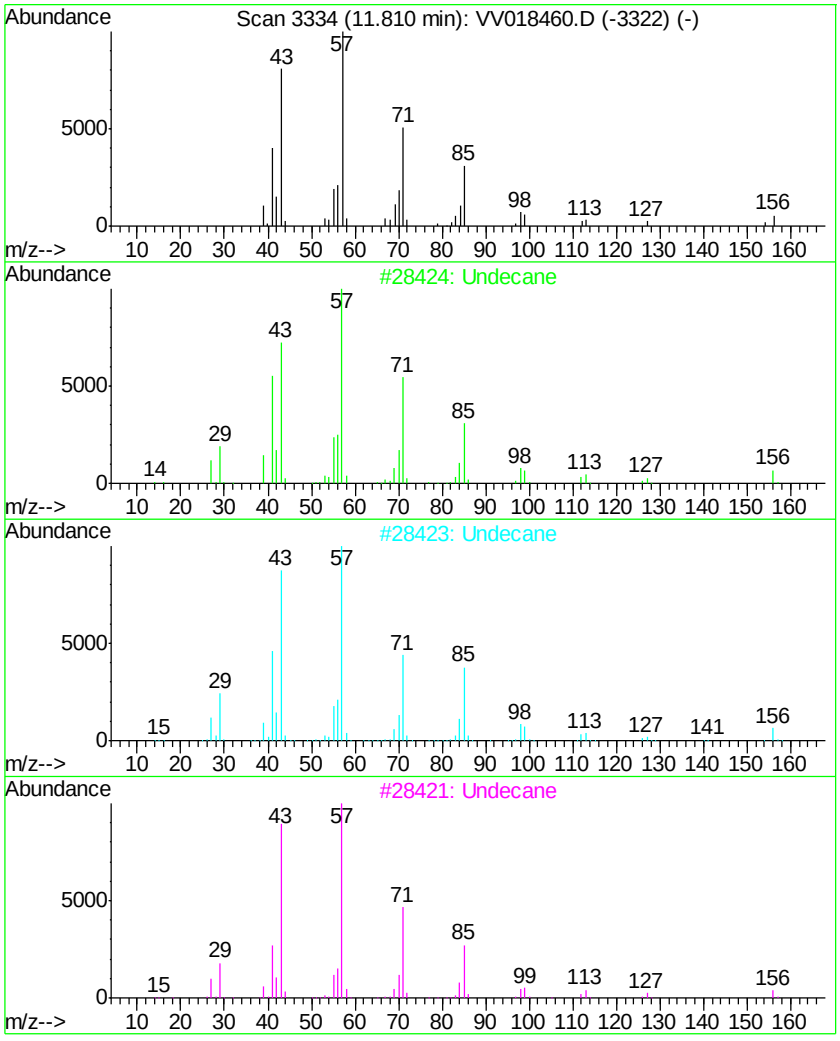
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

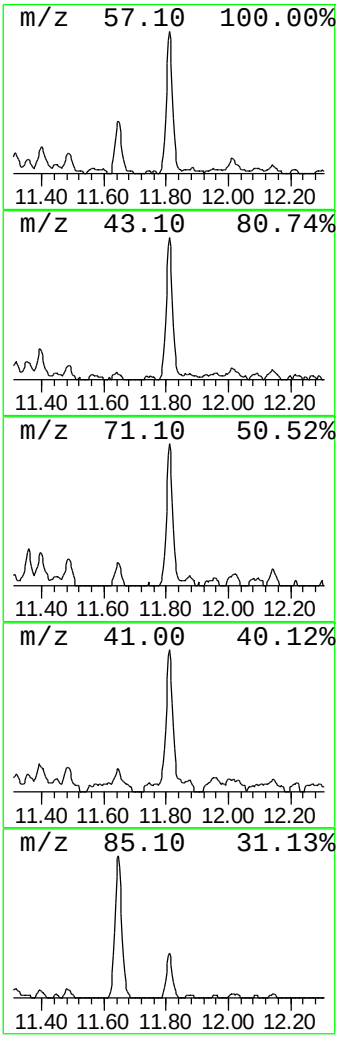
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.70 ug/L	47199	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Decane	142	C10H22	000124-18-5	86





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
Propanoic acid, 2...	5.93	4.7	ug/L	65143	1	5.64	692087	50.0
(DEL) Alkane: Str...	11.81	2.7	ug/L	47199	3	11.27	875620	50.0