LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092419\
Data File : VU034788.D
Acq On : 24 Sep 2019 21:54
Operator : JC/SP
Sample : K4948-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN6

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_U\METHOD\SOMULM091919WMA.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	1.177	20	27	38	rBV	269351	265137	10.21%	1.224%
2	1.296	58	64	73	rBV2	15256	18093	0.70%	0.084%
3	1.392	85	94	108	rVV2	379654	443272	17.07%	2.046%
4	1.463	113	116	124	rVB2	10267	11459	0.44%	0.053%
5	1.511	126	131	134	rVV	20978	21589	0.83%	0.100%
6	1.544	135	141	152	rVB3	34794	53995	2.08%	0.249%
7	1.672	172	181	195	rBV	279806	368061	14.17%	1.699%
8	1.743	200	203	210	rVB4	9602	11216	0.43%	0.052%
9	1.894	244	250	256	rVB2	16382	19096	0.74%	0.088%
10	1.936	258	263	271	rVB2	13150	16958	0.65%	0.078%
11	2.032	291	293	297	rBV4	3861	2630	0.10%	0.012%
12	2.203	344	346	348	rBV3	3914	2238	0.09%	0.010%
13	2.257	352	363	375	rVV	514779	784437	30.21%	3.620%
14	2.306	375	378	389	rVB	19962	26137	1.01%	0.121%
15	2.360	392	395	404	rVB7	3034	3540	0.14%	0.016%
16	2.428	404	416	426	rBV	35175	65505	2.52%	0.302%
17	2.640	479	482	486	rVB5	2226	1879	0.07%	0.009%
18	2.817	527	537	551	rVB2	12376	26364	1.02%	0.122%
19	2.945	570	577	579	rBV7	1673	1978	0.08%	0.009%
20	2.981	579	588	602	rVB3	10453	22721	0.88%	0.105%
21	3.177	640	649	659	rBV9	4501	8707	0.34%	0.040%
22	4.151	939	952	986	rBV	263828	809820	31.19%	3.737%
23	4.621	1080	1098	1122	rBV	412068	987479	38.03%	4.557%
24	5.315	1290	1314	1348	rBV2	864453	2596639	100.00%	11.984%
25	5.633	1409	1413	1417	rBV7	2325	2229	0.09%	0.010%
26	5.865	1466	1485	1503	rBV	728774	1689714	65.07%	7.798%
27	6.309	1609	1623	1644	rVB	592205	1210640	46.62%	5.587%
28	7.154	1880	1886	1889	rBV5	4757	5357	0.21%	0.025%
29	7.206	1891	1902	1919	rVV	347434	623524	24.01%	2.878%
30	7.315	1933	1936	1940	rVB5	2528	1877	0.07%	0.009%
31	7.543	1994	2007	2024	rBV	1152221	2015442	77.62%	9.302%
32	7.829	2078	2096	2112	rBV	238609	445633	17.16%	2.057%
33	8.157	2190	2198	2203	rVV3	9545	16008	0.62%	0.074%
34	8.206	2203	2213	2228	rVB	212860	361418	13.92%	1.668%

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ClientSampleId : BEDN6

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

35	8.289	2228	2239	2269	rBV	855141	1576494	60.71%	7.276%
36	8.582	2322	2330	2334	rBV8	6230	9550	0.37%	0.044%
37	8.653	2350	2352	2358	rVB6	2717	2451	0.09%	0.011%
38	8.794	2389	2396	2401	rBV5	5630	7469	0.29%	0.034%
39	8.887	2414	2425	2438	rVB4	17166	34326	1.32%	0.158%
40	9.009	2453	2463	2470	rBV3	17300	29468	1.13%	0.136%
41	9.067	2470	2481	2513	rVB	949173	1615726	62.22%	7.457%
42	9.228	2522	2531	2538	rBV	4882	7290	0.28%	0.034%
43	9.379	2575	2578	2584	rVB5	4856	4569	0.18%	0.021%
44	9.424	2584	2592	2609	rVB3	42266	73393	2.83%	0.339%
45	9.540	2623	2628	2636	rVB10	2672	3865	0.15%	0.018%
46	9.630	2649	2656	2657	rBV6	2145	2089	0.08%	0.010%
47	9.698	2663	2677	2685	rBV6	11713	21663	0.83%	0.100%
48	9.743	2685	2691	2693	rBV7	2235	2011	0.08%	0.009%
49	9.929	2733	2749	2757	rVB6	17182	33555	1.29%	0.155%
50	10.022	2759	2778	2787	rBV8	21398	47981	1.85%	0.221%
51	10.138	2811	2814	2823	rVB9	4271	4820	0.19%	0.022%
52	10.199	2826	2833	2834	rBV5	5112	4492	0.17%	0.021%
53	10.231	2841	2843	2852	rVB6	5904	6338	0.24%	0.029%
54	10.302	2857	2865	2871	rBV6	9797	13896	0.54%	0.064%
55	10.408	2886	2898	2927	rBV	789477	1348537	51.93%	6.224%
56	10.585	2947	2953	2960	rBV6	9678	14430	0.56%	0.067%
57	10.678	2976	2982	2989	rVB9	4932	8173	0.31%	0.038%
58	10.726	2989	2997	3007	rBV6	18748	33161	1.28%	0.153%
59	10.791	3009	3017	3029	rVB2	48773	74017	2.85%	0.342%
60	10.890	3044	3048	3050	rBV4	2455	1959	0.08%	0.009%
61	10.910	3050	3054	3058	rBV7	4005	3985	0.15%	0.018%
62	10.948	3060	3066	3070	rBV7	3873	4626	0.18%	0.021%
63	10.977	3071	3075	3076	rBV3	4503	3398	0.13%	0.016%
64	11.051	3090	3098	3103	rBV8	7399	10078	0.39%	0.047%
65	11.093	3103	3111	3118	rBV4	15117	24608	0.95%	0.114%
66	11.247	3150	3159	3165	rBV4	5658	10637	0.41%	0.049%
67	11.376	3190	3199	3205	rBV4	20558	31970	1.23%	0.148%
68	11.460	3214	3225	3248	rBV	871913	1428935	55.03%	6.595%
69	11.546	3248	3252	3259	rVB6	8055	8844	0.34%	0.041%
70	11.585	3259	3264	3266	rBV5	6801	6846	0.26%	0.032%
71	11.643	3277	3282	3288	rVV8	4416	7041	0.27%	0.032%

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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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

72	11.681	3288	3294	3306	rVB8	12863	21370	0.82%	0.099%
73	11.836	3330	3342	3361	rBV	1035331	1696094	65.32%	7.828%
74	12.003	3388	3394	3403	rVB2	21937	28014	1.08%	0.129%
75	12.160	3440	3443	3450	rVB8	7572	8443	0.33%	0.039%
76	12.341	3494	3499	3505	rBV9	5361	7431	0.29%	0.034%
77	12.418	3521	3523	3530	rVB7	6171	6094	0.23%	0.028%
78	12.488	3541	3545	3553	rVB8	18121	22943	0.88%	0.106%
79	12.591	3569	3577	3583	rBV9	14564	25049	0.96%	0.116%
80	12.707	3601	3613	3623	rVB9	17527	35135	1.35%	0.162%
81	13.025	3708	3712	3721	rVB9	6715	8767	0.34%	0.040%
82	13.109	3727	3738	3752	rBV9	17363	45366	1.75%	0.209%
83	13.260	3776	3785	3791	rBV10	16994	29014	1.12%	0.134%
84	13.389	3823	3825	3831	rVB7	4944	3328	0.13%	0.015%
85	13.431	3835	3838	3847	rVB9	8274	10954	0.42%	0.051%
86	13.549	3872	3875	3881	rVB6	5116	4295	0.17%	0.020%
87	13.607	3890	3893	3895	rBV3	3739	2544	0.10%	0.012%
88	13.688	3913	3918	3922	rBV8	8041	11191	0.43%	0.052%
89	13.826	3957	3961	3962	rBV4	7238	5096	0.20%	0.024%
90	13.974	4003	4007	4018	rVB7	15079	24423	0.94%	0.113%
91	14.260	4092	4096	4106	rVB4	16546	21151	0.81%	0.098%
92	14.321	4108	4115	4116	rBV6	11428	12129	0.47%	0.056%
93	14.588	4187	4198	4199	rBV10	11315	17907	0.69%	0.083%
94	14.842	4272	4277	4286	rBV8	17087	23165	0.89%	0.107%
95	14.990	4319	4323	4337	rVB8	10475	21167	0.82%	0.098%
96	15.167	4373	4378	4385	rBV5	11563	13838	0.53%	0.064%
97	15.389	4441	4447	4453	rBV9	14223	22427	0.86%	0.104%
98	15.646	4520	4527	4533	rBV9	17847	29926	1.15%	0.138%
99	15.791	4567	4572	4578	rBV6	20243	25027	0.96%	0.116%
100	15.974	4624	4629	4634	rBV6	16039	22027	0.85%	0.102%

Sum of corrected areas: 21667798

LSC Report - Integrated Chromatogram

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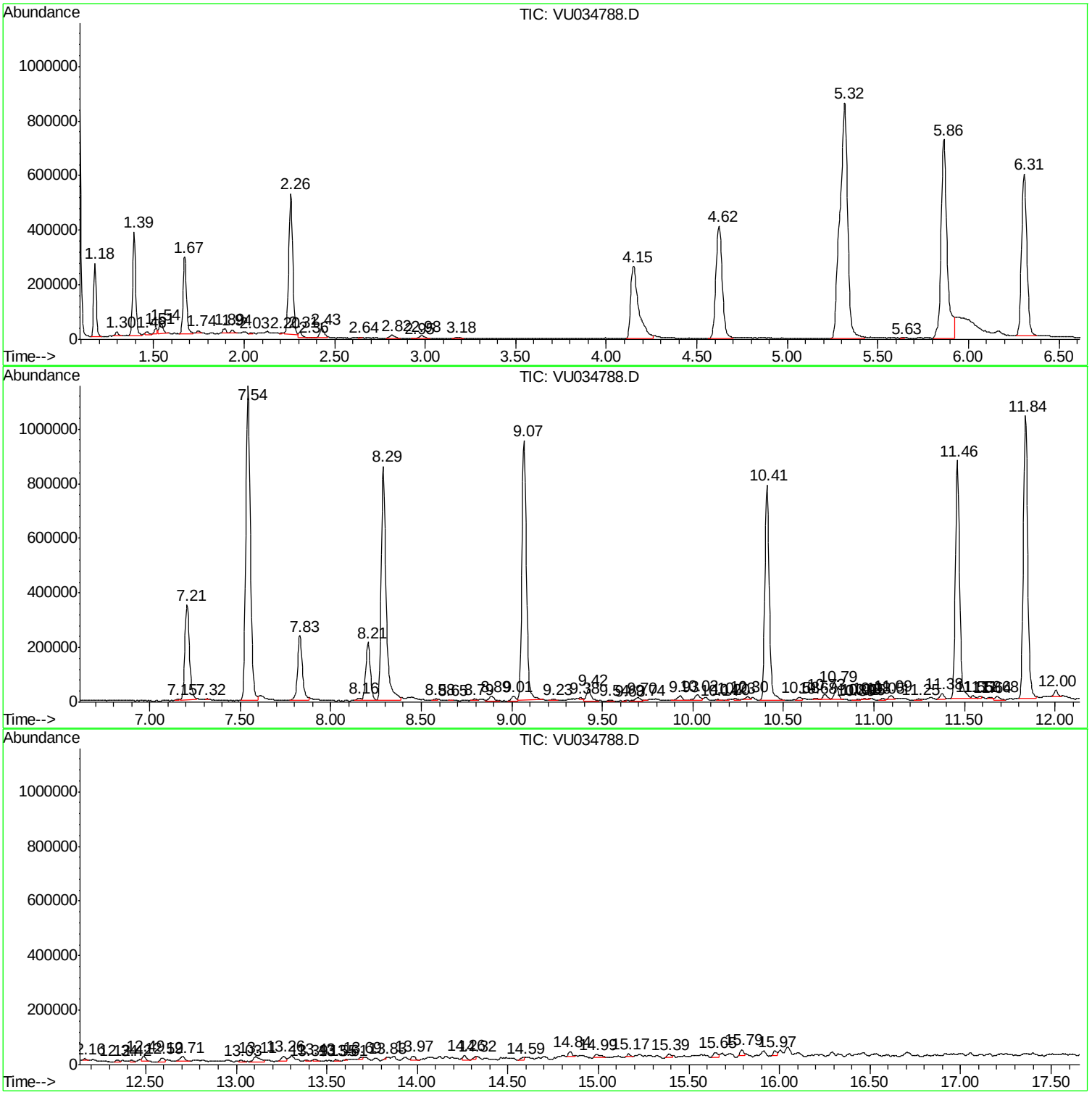
Instrument : MSVOA_U
ClientSampleId : BEDN6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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 U\DATA\VU092419\
Data File : VU034788.D
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Instrument : MSVOA_U
ClientSampleId : BEDN6

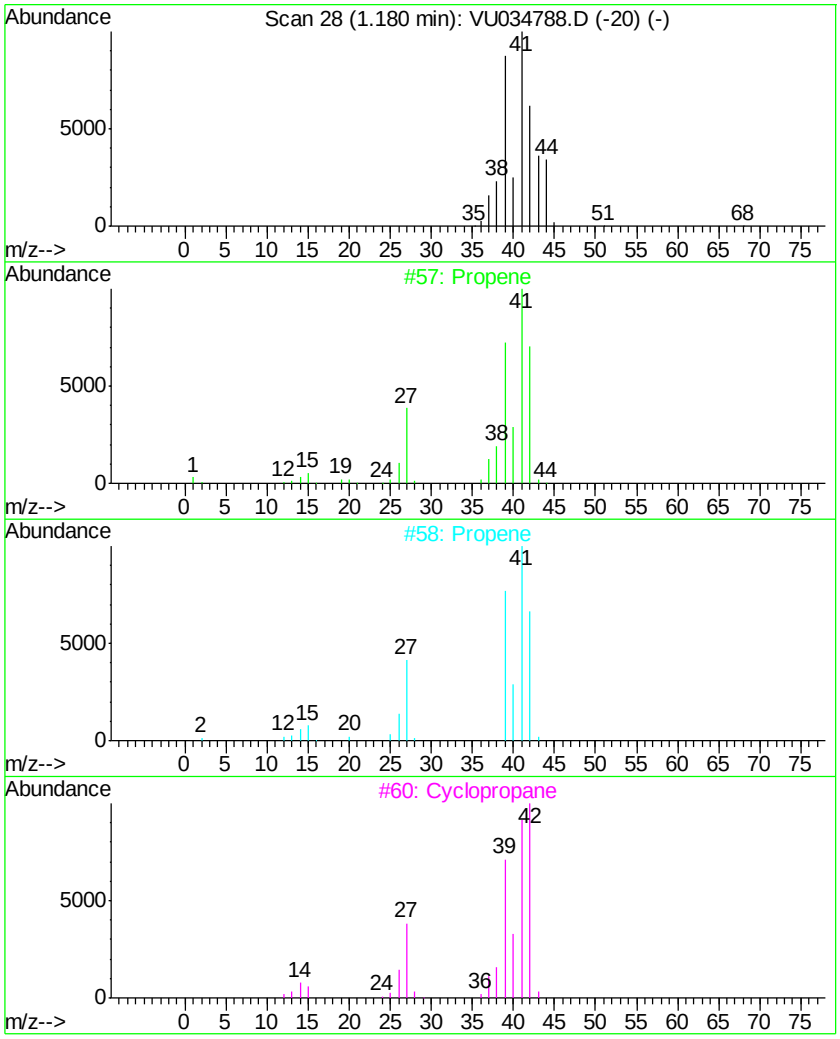
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

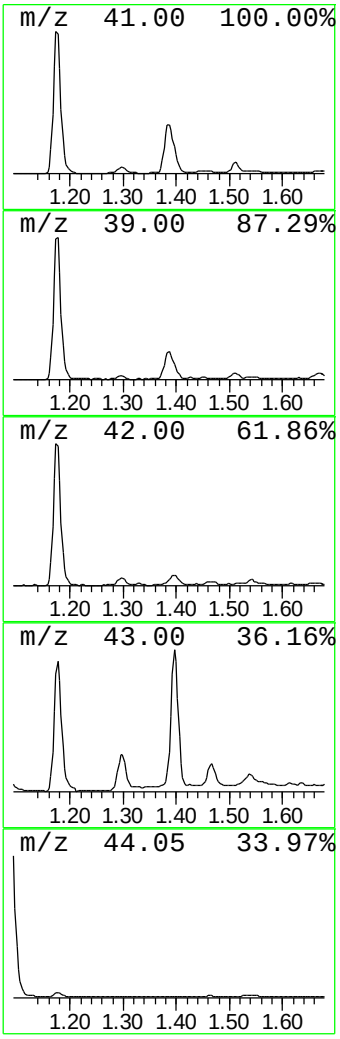
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	7.85 ug/L	265137	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	7
4	Cyclopropane	42	C3H6	000075-19-4	7
5	Cyclopropene	40	C3H4	002781-85-3	5





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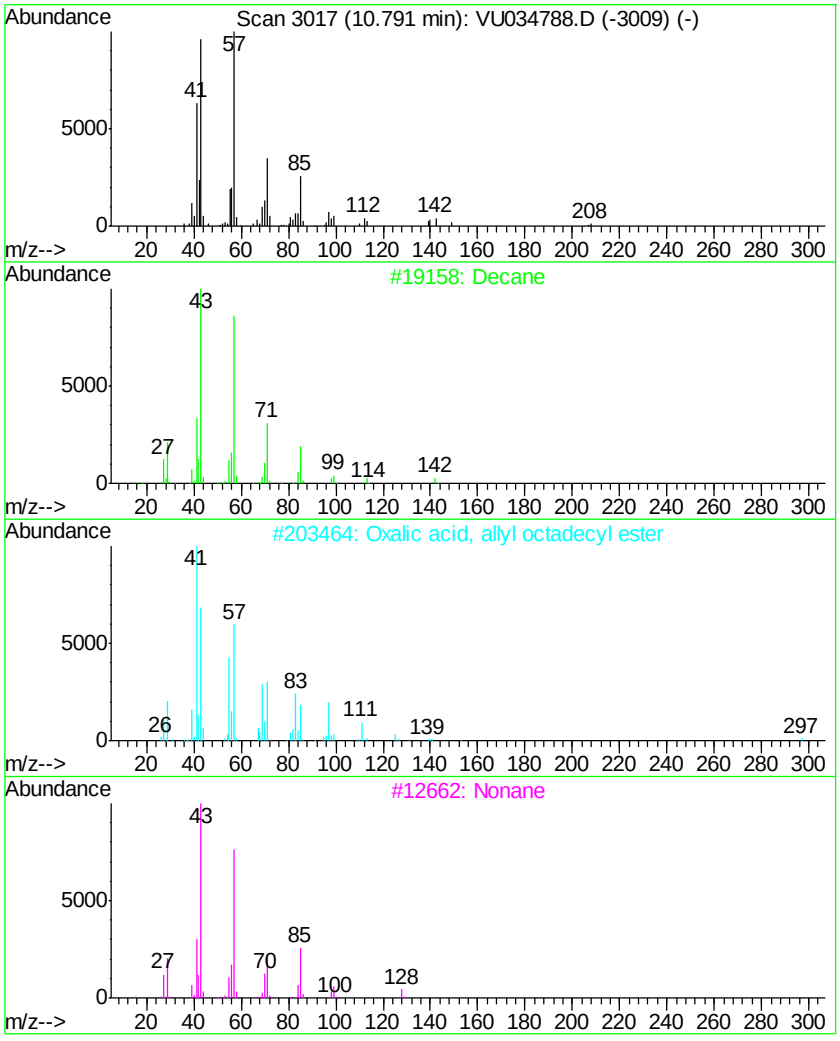
Quant Title : VOC Analysis

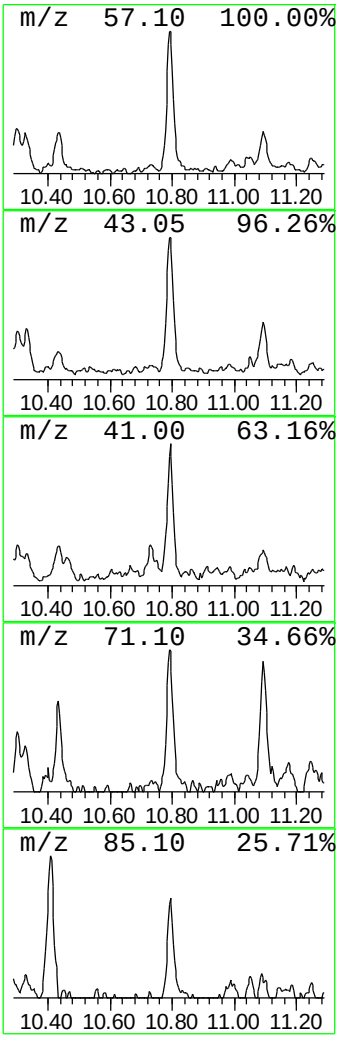
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.59 ug/L	74017	1,4-Dichlorobenzene-d4	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	81
2	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	59
3	Nonane	128	C9H20	000111-84-2	59
4	Tridecane	184	C13H28	000629-50-5	53
5	Undecane	156	C11H24	001120-21-4	53





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: Cyc...	1.18	7.8	ug/L	265137	1	5.86	1689710	50.0
(DEL) Alkane: Str...	10.79	2.6	ug/L	74017	3	11.46	1428940	50.0