LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018454.D
Acq On : 25 Sep 2020 14:44
Operator : SY/MD
Sample : L4117-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA0

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	86	rVB	230096	234436	15.82%	1.737%
2	1.579	144	152	167	rVB	186854	207409	13.99%	1.536%
3	2.122	311	321	357	rVB	380987	592183	39.95%	4.387%
4	2.309	374	379	380	rBV3	712	557	0.04%	0.004%
5	2.534	442	449	450	rBV2	1459	1588	0.11%	0.012%
6	2.785	516	527	542	rVV3	6535	12343	0.83%	0.091%
7	3.065	603	614	631	rVB2	8872	18301	1.23%	0.136%
8	3.216	648	661	677	rBV	18639	39219	2.65%	0.291%
9	3.698	801	811	816	rBV2	571	636	0.04%	0.005%
10	3.769	828	833	836	rBV2	416	413	0.03%	0.003%
11	3.788	836	839	841	rBV2	499	346	0.02%	0.003%
12	3.917	868	879	928	rBV	99827	341949	23.07%	2.533%
13	4.376	1004	1022	1050	rBV	233165	566010	38.18%	4.193%
14	4.553	1072	1077	1083	rVB4	370	531	0.04%	0.004%
15	4.637	1100	1103	1106	rBV	351	242	0.02%	0.002%
16	5.074	1221	1239	1278	rBV2	582071	1482361	100.00%	10.981%
17	5.277	1299	1302	1304	rBV2	334	231	0.02%	0.002%
18	5.434	1349	1351	1355	rVB2	338	232	0.02%	0.002%
19	5.521	1373	1378	1382	rVV2	272	351	0.02%	0.003%
20	5.640	1403	1415	1442	rBV	462001	910954	61.45%	6.748%
21	5.939	1493	1508	1542	rBV	690478	1354644	91.38%	10.035%
22	6.093	1543	1556	1587	rVB	323923	657295	44.34%	4.869%
23	6.235	1598	1600	1602	rBV2	439	267	0.02%	0.002%
24	7.007	1829	1840	1870	rBV	193947	348378	23.50%	2.581%
25	7.283	1916	1926	1931	rBV3	2849	4440	0.30%	0.033%
26	7.338	1931	1943	1964	rBV	715165	1224059	82.57%	9.068%
27	7.592	2017	2022	2028	rBV5	1593	1689	0.11%	0.013%
28	7.643	2028	2038	2064	rBV	135661	234833	15.84%	1.740%
29	7.900	2111	2118	2124	rVV3	907	989	0.07%	0.007%
30	7.961	2124	2137	2147	rVB2	3252	5725	0.39%	0.042%
31	8.003	2147	2150	2153	rBV	339	272	0.02%	0.002%
32	8.109	2173	2183	2217	rBV	326427	602384	40.64%	4.462%
33	8.691	2357	2364	2371	rVB5	1362	1874	0.13%	0.014%
34	8.810	2395	2401	2409	rVB	1189	1393	0.09%	0.010%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA0

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	8.875	2409	2421	2450	rBV	694792	1123296	75.78%	8.321%
36	9.032	2467	2470	2482	rVB6	1567	2376	0.16%	0.018%
37	9.167	2504	2512	2522	rBV3	3427	5589	0.38%	0.041%
38	9.228	2522	2531	2545	rVB4	6132	10564	0.71%	0.078%
39	9.498	2607	2615	2624	rBV5	2657	3423	0.23%	0.025%
40	9.572	2631	2638	2640	rBV4	1443	1368	0.09%	0.010%
41	9.646	2659	2661	2670	rVB2	650	640	0.04%	0.005%
42	9.694	2672	2676	2678	rBV2	549	415	0.03%	0.003%
43	9.733	2681	2688	2695	rVB4	3382	4672	0.32%	0.035%
44	9.791	2699	2706	2708	rBV3	594	680	0.05%	0.005%
45	9.826	2710	2717	2725	rVV7	1911	3037	0.20%	0.022%
46	9.875	2725	2732	2739	rVB3	1801	2522	0.17%	0.019%
47	9.929	2744	2749	2754	rBV3	925	1028	0.07%	0.008%
48	9.961	2754	2759	2764	rVB2	755	798	0.05%	0.006%
49	10.039	2774	2783	2791	rBV5	4102	6972	0.47%	0.052%
50	10.106	2791	2804	2808	rVV7	4654	8872	0.60%	0.066%
51	10.141	2810	2815	2827	rVB3	11121	18515	1.25%	0.137%
52	10.238	2827	2845	2864	rBV	429130	669656	45.17%	4.961%
53	10.379	2882	2889	2891	rBV	5047	5750	0.39%	0.043%
54	10.473	2908	2918	2933	rBV2	18187	41312	2.79%	0.306%
55	10.563	2941	2946	2950	rBV	6316	7686	0.52%	0.057%
56	10.601	2950	2958	2976	rVB	39972	64070	4.32%	0.475%
57	10.682	2976	2983	2986	rBV3	1097	1480	0.10%	0.011%
58	10.714	2989	2993	3000	rVB3	3428	4145	0.28%	0.031%
59	10.765	3002	3009	3013	rBV	3519	4542	0.31%	0.034%
60	10.858	3031	3038	3043	rBV6	2479	3603	0.24%	0.027%
61	10.897	3044	3050	3055	rVV3	7466	10110	0.68%	0.075%
62	10.936	3056	3062	3074	rVB2	29054	44182	2.98%	0.327%
63	11.051	3090	3098	3105	rBV3	4039	6746	0.46%	0.050%
64	11.174	3127	3136	3145	rBV8	8074	14006	0.94%	0.104%
65	11.219	3145	3150	3155	rVB7	2258	2722	0.18%	0.020%
66	11.270	3155	3166	3186	rBV	766064	1171854	79.05%	8.681%
67	11.357	3188	3193	3199	rVV4	8051	9377	0.63%	0.069%
68	11.485	3227	3233	3242	rVB3	8335	11024	0.74%	0.082%
69	11.563	3249	3257	3263	rBV9	2912	5750	0.39%	0.043%
70	11.646	3271	3283	3300	rVB	749462	1166633	78.70%	8.642%
71	11.810	3324	3334	3344	rBV	47362	69459	4.69%	0.515%

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ClientSampleId : E0AA0

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\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.961	3368	3381	3389	rBV7	6761	14092	0.95%	0.104%
73	12.141	3432	3437	3444	rBV5	2577	3380	0.23%	0.025%
74	12.270	3467	3477	3489	rBV5	6880	14451	0.97%	0.107%
75	12.392	3503	3515	3523	rBV7	8099	16426	1.11%	0.122%
76	12.489	3537	3545	3552	rBV4	8633	13295	0.90%	0.098%
77	12.572	3568	3571	3577	rVB5	1371	1165	0.08%	0.009%
78	12.611	3577	3583	3588	rBV6	2676	3586	0.24%	0.027%
79	12.752	3619	3627	3635	rVB5	4407	6354	0.43%	0.047%
80	12.823	3639	3649	3656	rBV5	2141	3593	0.24%	0.027%
81	12.907	3668	3675	3695	rVB3	17018	28593	1.93%	0.212%
82	13.022	3706	3711	3717	rBV	2956	3169	0.21%	0.023%
83	13.064	3717	3724	3727	rBV3	2730	3089	0.21%	0.023%
84	13.177	3757	3759	3768	rVB5	1185	1329	0.09%	0.010%
85	13.254	3780	3783	3785	rBV3	312	212	0.01%	0.002%
86	13.292	3785	3795	3802	rBV4	3148	4290	0.29%	0.032%
87	13.421	3829	3835	3838	rBV3	1387	1553	0.10%	0.012%
88	13.530	3864	3869	3875	rVB	3749	4475	0.30%	0.033%
89	13.604	3890	3892	3895	rBV2	358	257	0.02%	0.002%
90	13.630	3898	3900	3902	rBV3	583	313	0.02%	0.002%
91	13.726	3928	3930	3933	rVB3	526	316	0.02%	0.002%
92	13.823	3957	3960	3964	rBV3	585	573	0.04%	0.004%
93	13.881	3974	3978	3981	rBV3	658	471	0.03%	0.003%
94	13.923	3983	3991	4002	rVV4	7435	10391	0.70%	0.077%
95	14.119	4048	4052	4054	rBV3	720	641	0.04%	0.005%
96	14.479	4161	4164	4165	rBV	411	233	0.02%	0.002%
97	14.678	4220	4226	4231	rBV6	1225	1631	0.11%	0.012%
98	14.871	4278	4286	4293	rVB5	2072	3150	0.21%	0.023%
99	14.919	4298	4301	4302	rBV	410	215	0.01%	0.002%
100	15.048	4339	4341	4344	rBV2	555	324	0.02%	0.002%

Sum of corrected areas: 13498975

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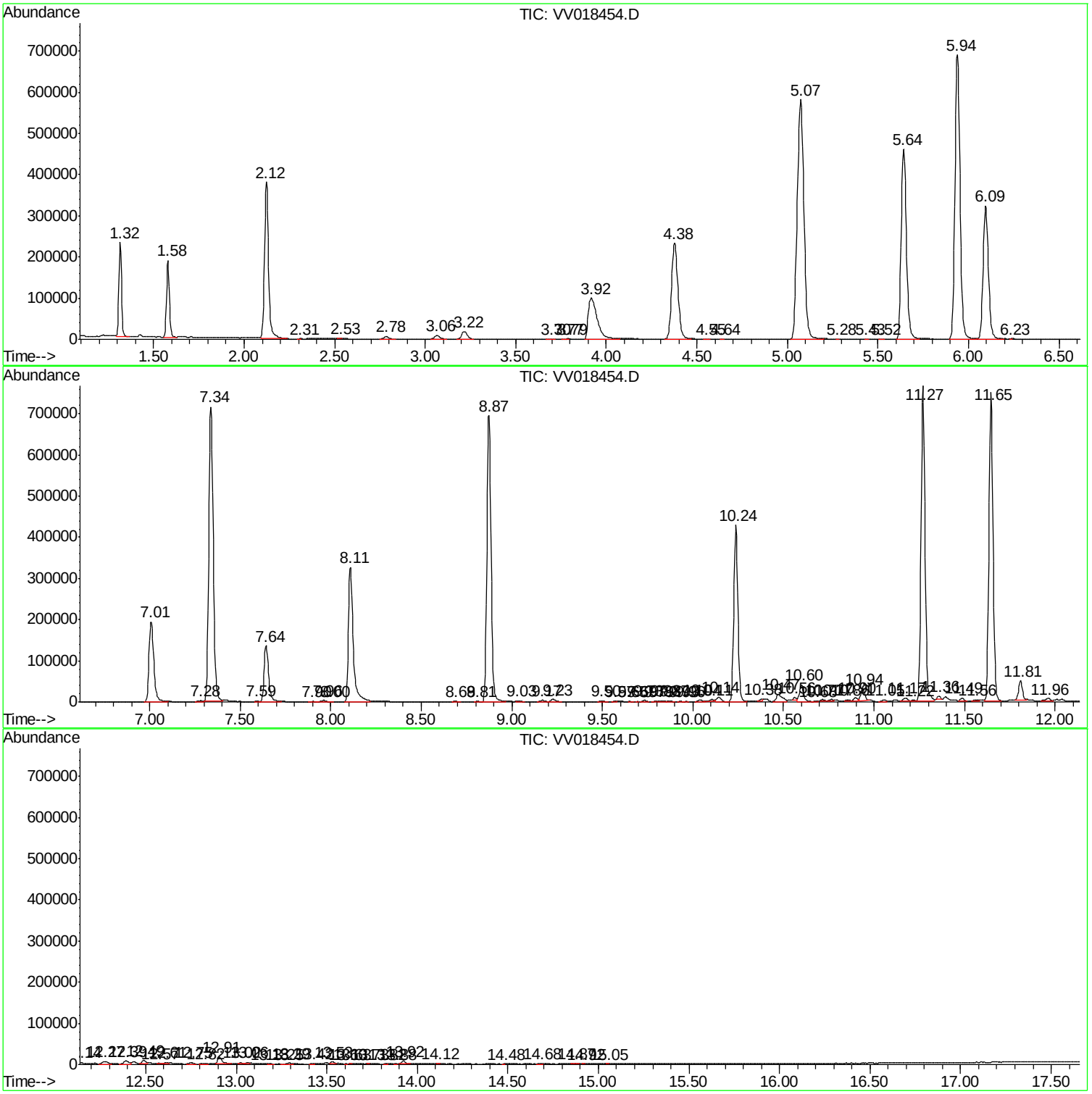
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
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Instrument : MSVOA_V
ClientSampleId : E0AA0

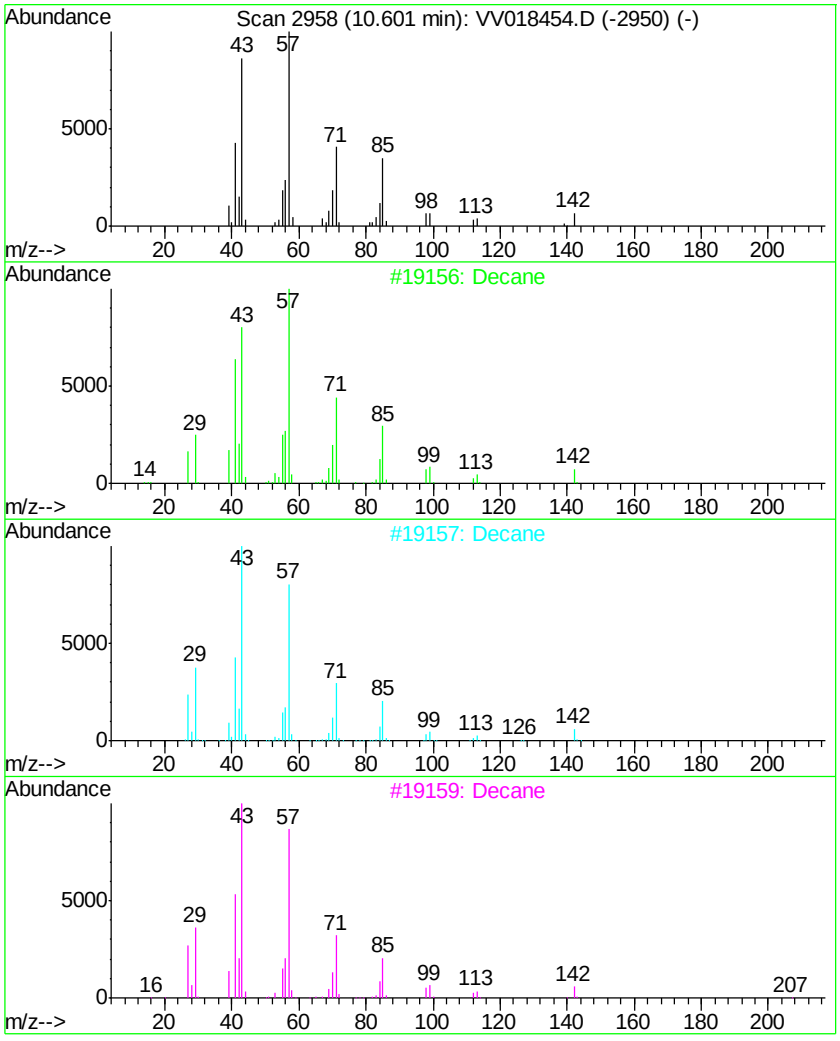
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

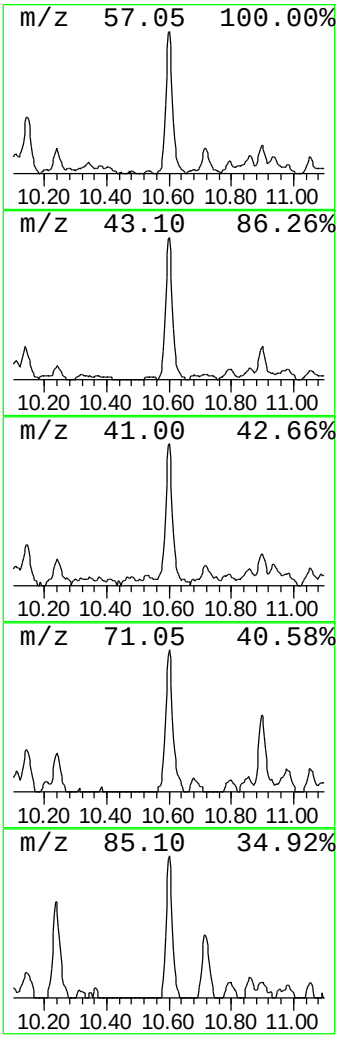
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.73 ug/L	64070	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Decane	142	C10H22	000124-18-5	95
3	Decane	142	C10H22	000124-18-5	91
4	Decane	142	C10H22	000124-18-5	91
5	Nonane	128	C9H20	000111-84-2	86





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ALS Vial : 15 Sample Multiplier: 1

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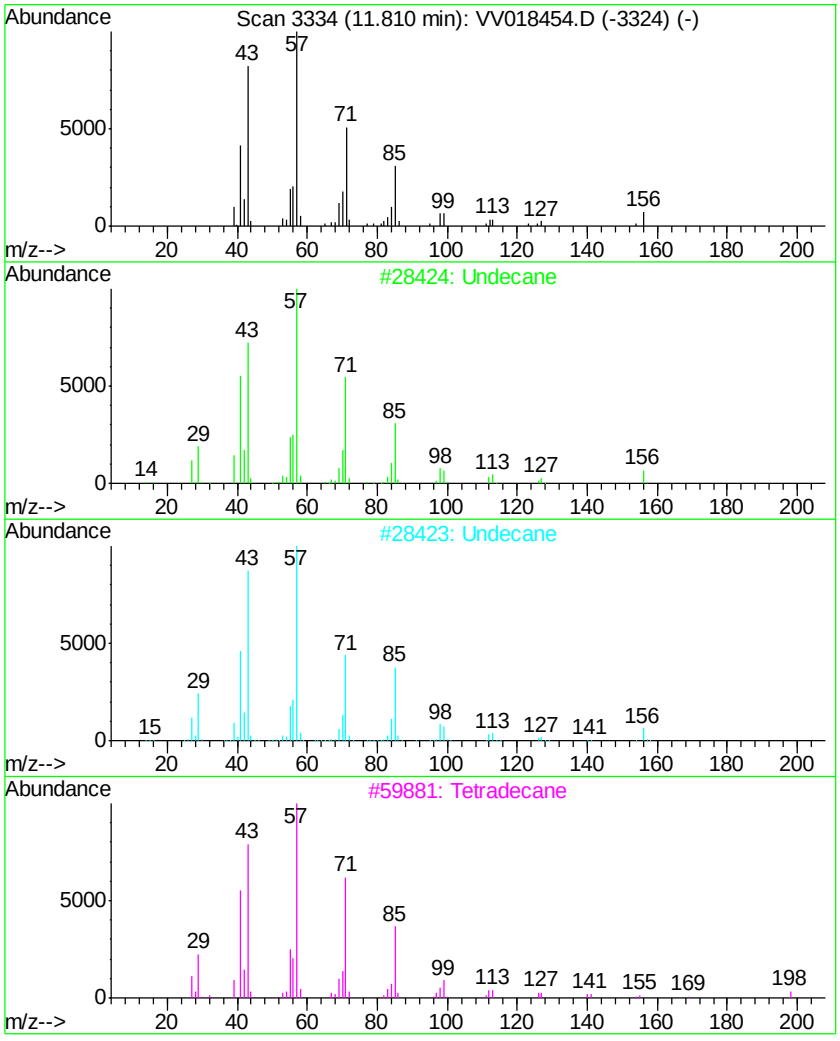
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

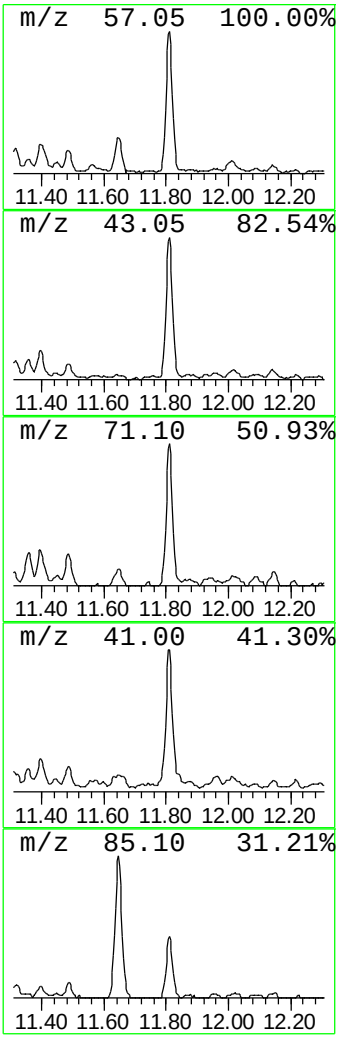
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.96 ug/L	69459	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Undecane	156	C11H24	001120-21-4	93
3	Tetradecane	198	C14H30	000629-59-4	90
4	Undecane	156	C11H24	001120-21-4	87
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
(DEL) Alkane: Str...	10.60	2.7	ug/L	64070	3	11.27	1171850	50.0
(DEL) Alkane: Str...	11.81	3.0	ug/L	69459	3	11.27	1171850	50.0