LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
Data File : VV018453.D
Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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	81	rVB	243147	237038	15.61%	1.891%
2	1.579	144	152	166	rBV	194167	217882	14.35%	1.738%
3	2.122	310	321	353	rVB	386249	586462	38.62%	4.679%
4	2.309	375	379	384	rBV3	412	510	0.03%	0.004%
5	2.527	437	447	449	rBV2	3445	4258	0.28%	0.034%
6	2.778	514	525	541	rVB4	4923	10305	0.68%	0.082%
7	2.846	541	546	550	rBV2	165	208	0.01%	0.002%
8	3.064	602	614	631	rVB2	12312	24743	1.63%	0.197%
9	3.566	759	770	771	rBV3	942	1296	0.09%	0.010%
10	3.695	801	810	812	rBV3	687	922	0.06%	0.007%
11	3.788	830	839	840	rBV2	988	1077	0.07%	0.009%
12	3.917	868	879	925	rBV	92853	295228	19.44%	2.355%
13	4.376	1004	1022	1060	rBV	235131	578642	38.11%	4.616%
14	5.074	1220	1239	1270	rBV2	593064	1518478	100.00%	12.114%
15	5.643	1400	1416	1452	rBV	471119	947380	62.39%	7.558%
16	5.933	1494	1506	1524	rBV2	17268	35186	2.32%	0.281%
17	6.093	1543	1556	1585	rBV	332660	668810	44.04%	5.336%
18	6.238	1598	1601	1611	rVB5	928	1237	0.08%	0.010%
19	6.682	1735	1739	1744	rVB2	491	399	0.03%	0.003%
20	6.797	1770	1775	1786	rVB5	668	926	0.06%	0.007%
21	6.949	1815	1822	1829	rVB5	686	849	0.06%	0.007%
22	7.010	1829	1841	1863	rBV	194612	352689	23.23%	2.814%
23	7.199	1896	1900	1907	rBV2	265	309	0.02%	0.002%
24	7.280	1916	1925	1932	rBV3	4542	7304	0.48%	0.058%
25	7.338	1932	1943	1963	rBV	732469	1245632	82.03%	9.937%
26	7.595	2016	2023	2027	rVB5	1508	1700	0.11%	0.014%
27	7.643	2027	2038	2057	rBV	140712	237287	15.63%	1.893%
28	7.903	2111	2119	2123	rVV4	899	979	0.06%	0.008%
29	8.109	2173	2183	2217	rBV	341070	626882	41.28%	5.001%
30	8.418	2277	2279	2287	rVB3	233	244	0.02%	0.002%
31	8.592	2324	2333	2336	rBV3	668	899	0.06%	0.007%
32	8.691	2352	2364	2372	rBB5	1486	2349	0.15%	0.019%
33	8.807	2393	2400	2402	rBV3	1093	1091	0.07%	0.009%
34	8.875	2408	2421	2447	rBV	711741	1162312	76.54%	9.273%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
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Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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	9.167	2502	2512	2523	rVV3	4133	7384	0.49%	0.059%
36	9.225	2523	2530	2547	rVB3	7580	13549	0.89%	0.108%
37	9.495	2607	2614	2623	rVV5	3034	4422	0.29%	0.035%
38	9.569	2631	2637	2638	rBV3	1113	989	0.07%	0.008%
39	9.656	2659	2664	2670	rVB3	659	831	0.05%	0.007%
40	9.694	2670	2676	2679	rBV3	743	870	0.06%	0.007%
41	9.736	2680	2689	2698	rVB3	3955	6136	0.40%	0.049%
42	9.791	2699	2706	2708	rBV4	820	1004	0.07%	0.008%
43	9.823	2709	2716	2724	rVV7	2598	4330	0.29%	0.035%
44	9.868	2724	2730	2742	rVB5	2408	3965	0.26%	0.032%
45	9.936	2743	2751	2754	rBV4	948	1126	0.07%	0.009%
46	9.958	2754	2758	2765	rVB4	1103	1226	0.08%	0.010%
47	9.993	2765	2769	2771	rBV3	336	265	0.02%	0.002%
48	10.038	2774	2783	2790	rBV4	3988	6738	0.44%	0.054%
49	10.106	2801	2804	2809	rBV3	2435	2282	0.15%	0.018%
50	10.141	2809	2815	2828	rVB2	11838	20681	1.36%	0.165%
51	10.238	2828	2845	2865	rBV	427577	681270	44.87%	5.435%
52	10.379	2882	2889	2896	rBV2	5387	7818	0.51%	0.062%
53	10.469	2907	2917	2932	rBV	26085	59039	3.89%	0.471%
54	10.563	2940	2946	2950	rBV2	8997	11060	0.73%	0.088%
55	10.598	2951	2957	2976	rVB	42256	66546	4.38%	0.531%
56	10.678	2978	2982	2985	rBV4	1346	1257	0.08%	0.010%
57	10.717	2988	2994	3000	rBV2	4898	5746	0.38%	0.046%
58	10.762	3002	3008	3013	rBV2	4876	6058	0.40%	0.048%
59	10.897	3044	3050	3055	rBV2	8243	11577	0.76%	0.092%
60	10.936	3056	3062	3085	rVB	43927	76084	5.01%	0.607%
61	11.019	3085	3088	3090	rBV2	396	210	0.01%	0.002%
62	11.054	3090	3099	3105	rBV4	4507	7606	0.50%	0.061%
63	11.173	3126	3136	3145	rBV5	9693	16159	1.06%	0.129%
64	11.215	3145	3149	3155	rVB6	2442	3037	0.20%	0.024%
65	11.270	3155	3166	3186	rBV	799181	1214023	79.95%	9.685%
66	11.360	3187	3194	3199	rVV3	12294	18660	1.23%	0.149%
67	11.392	3200	3204	3215	rVB4	9393	14687	0.97%	0.117%
68	11.485	3227	3233	3243	rVB6	8631	11748	0.77%	0.094%
69	11.563	3247	3257	3262	rBV8	3479	6867	0.45%	0.055%
70	11.646	3272	3283	3303	rVB	766124	1203205	79.24%	9.599%
71	11.810	3325	3334	3343	rBV	46567	66792	4.40%	0.533%

LSC Area Percent Report

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Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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	11.961	3366	3381	3388	rBV7	8196	18757	1.24%	0.150%
73	12.144	3430	3438	3442	rBV5	3708	4911	0.32%	0.039%
74	12.276	3469	3479	3480	rBV8	5631	7759	0.51%	0.062%
75	12.392	3506	3515	3521	rBV9	7849	14336	0.94%	0.114%
76	12.489	3538	3545	3553	rBV4	10354	16029	1.06%	0.128%
77	12.569	3566	3570	3577	rVB3	3159	3650	0.24%	0.029%
78	12.607	3577	3582	3587	rBV4	3985	5378	0.35%	0.043%
79	12.749	3619	3626	3637	rVB3	7967	11853	0.78%	0.095%
80	12.820	3639	3648	3657	rBV3	4530	7107	0.47%	0.057%
81	12.874	3657	3665	3667	rBV3	3418	4665	0.31%	0.037%
82	12.906	3669	3675	3696	rVB6	18805	33920	2.23%	0.271%
83	13.022	3704	3711	3718	rBV2	7186	10202	0.67%	0.081%
84	13.180	3756	3760	3761	rBV3	1058	754	0.05%	0.006%
85	13.231	3771	3776	3782	rVB5	1021	1276	0.08%	0.010%
86	13.292	3782	3795	3802	rBV3	7356	12415	0.82%	0.099%
87	13.421	3829	3835	3844	rBV3	3531	5326	0.35%	0.042%
88	13.495	3850	3858	3860	rBV8	2489	3304	0.22%	0.026%
89	13.530	3864	3869	3877	rVB	6139	8935	0.59%	0.071%
90	13.630	3894	3900	3901	rBV3	1216	1128	0.07%	0.009%
91	13.923	3984	3991	4005	rVB6	8619	13388	0.88%	0.107%
92	13.984	4008	4010	4012	rBV	484	268	0.02%	0.002%
93	14.132	4041	4056	4066	rBV	2087	4955	0.33%	0.040%
94	14.398	4135	4139	4140	rBV2	462	332	0.02%	0.003%
95	14.408	4140	4142	4145	rVB3	567	330	0.02%	0.003%
96	14.537	4175	4182	4187	rVB5	1279	1487	0.10%	0.012%
97	14.668	4219	4223	4233	rVB5	1579	2161	0.14%	0.017%
98	14.868	4281	4285	4293	rVB4	2204	2842	0.19%	0.023%
99	15.103	4355	4358	4360	rBV3	497	272	0.02%	0.002%
100	15.353	4434	4436	4439	rBV2	425	252	0.02%	0.002%

Sum of corrected areas: 12534752

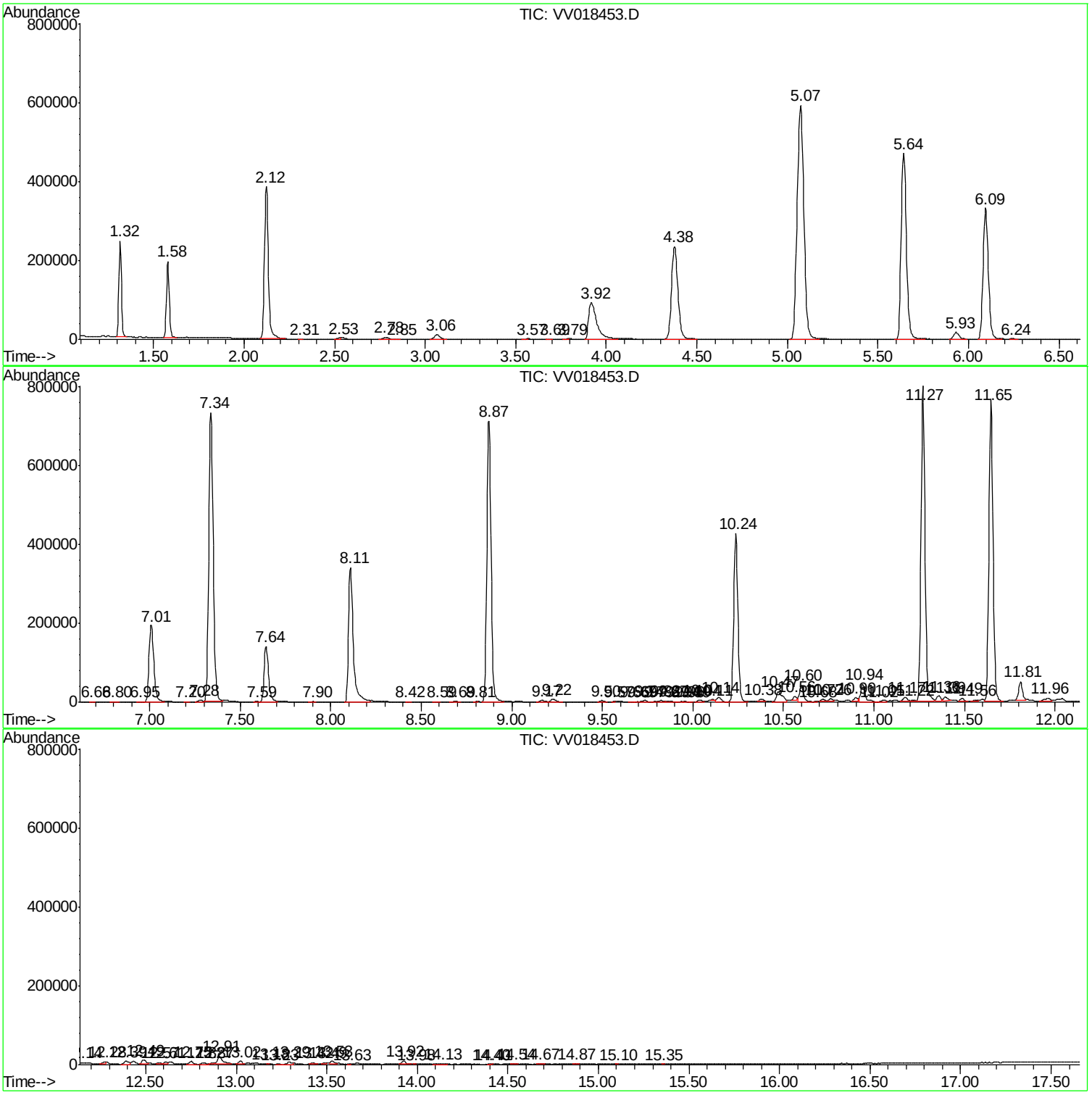
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018453.D
Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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 : VV018453.D
Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

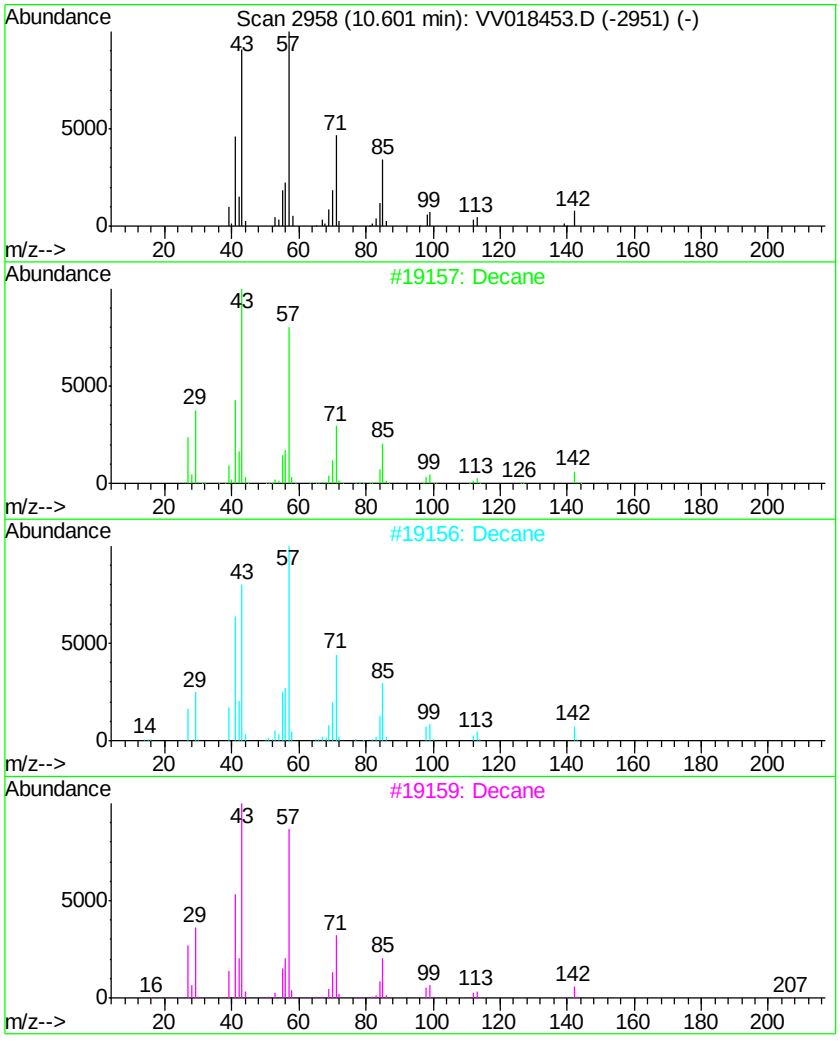
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

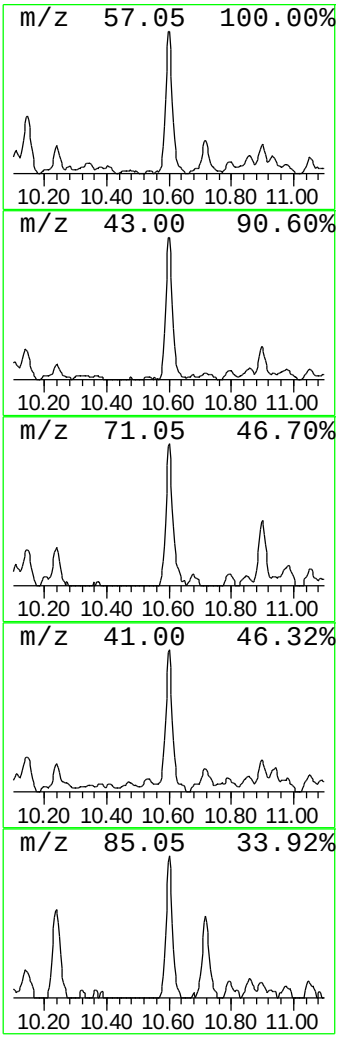
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.74 ug/L	66546	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	94
3	Decane	142	C10H22	000124-18-5	94
4	Decane	142	C10H22	000124-18-5	94
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018453.D
Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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

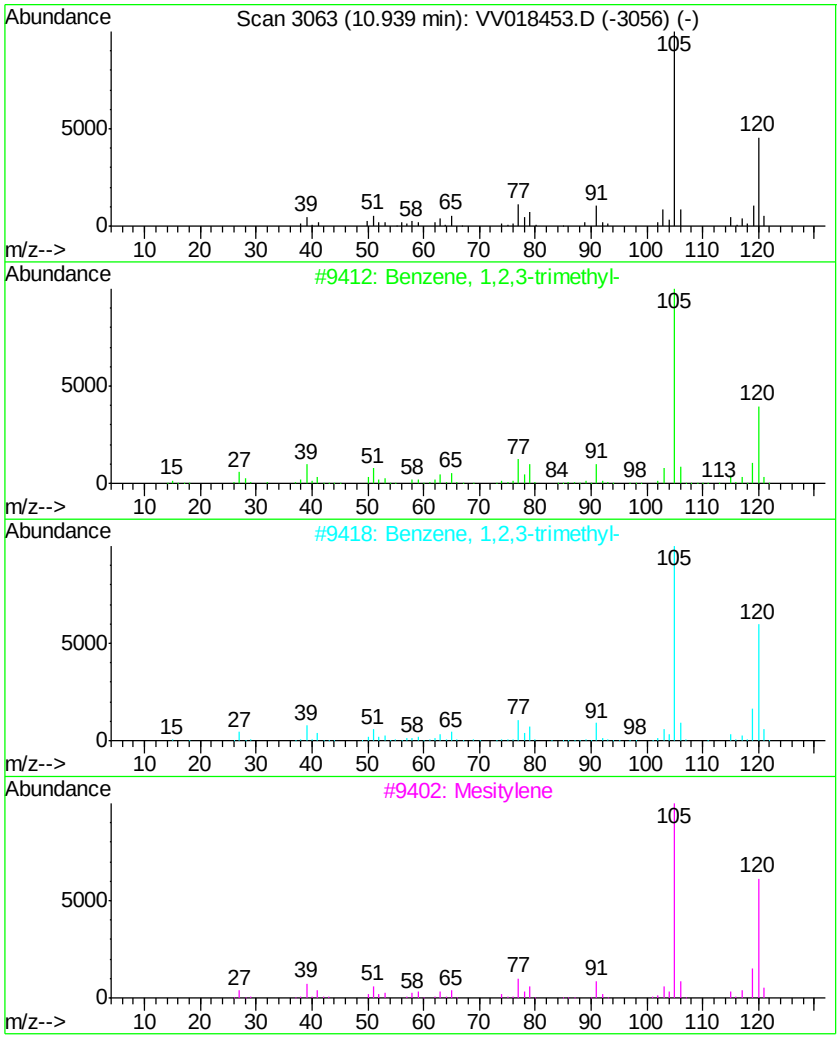
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

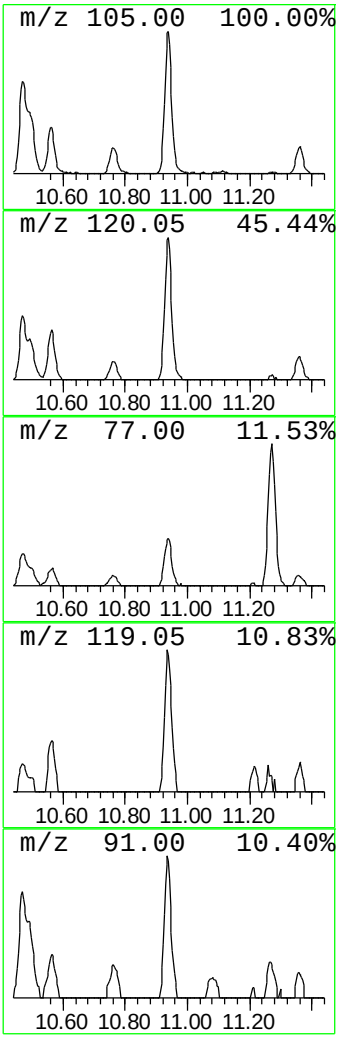
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.13 ug/L	76084	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018453.D
Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

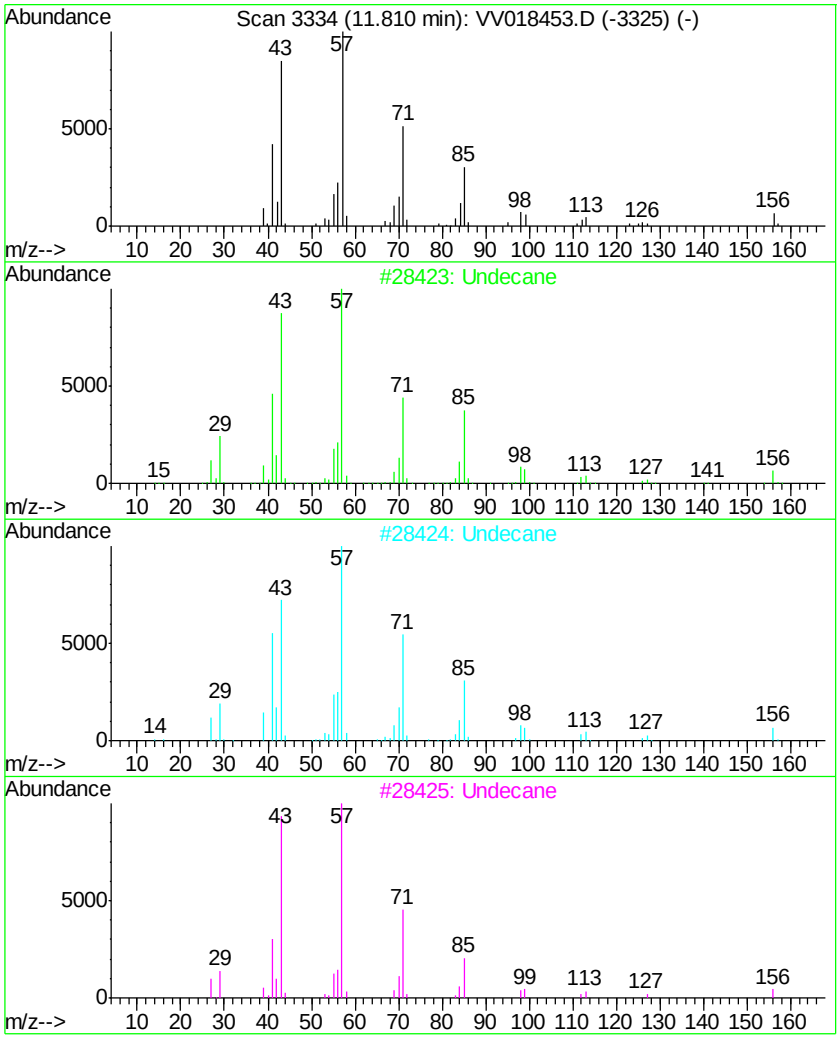
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

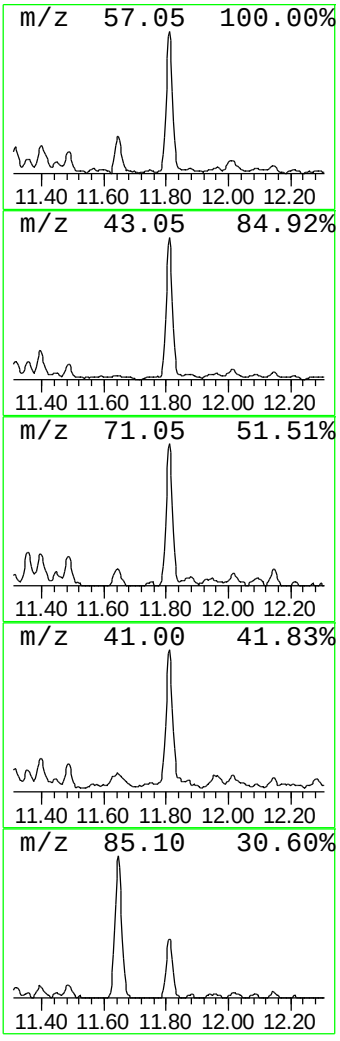
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	2.75 ug/L	66792	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	94
3	Undecane	156	C11H24	001120-21-4	90
4	Undecane	156	C11H24	001120-21-4	90
5	Undecane	156	C11H24	001120-21-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018453.D
Acq On : 25 Sep 2020 14:22
Operator : SY/MD
Sample : L4110-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	10.60	2.7	ug/L	66546	3	11.27	1214020	50.0
Benzene, 1,2,3-tr...	10.94	3.1	ug/L	76084	3	11.27	1214020	50.0
(DEL) Alkane: Str...	11.81	2.8	ug/L	66792	3	11.27	1214020	50.0