LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\
Data File : VU040732.D
Acq On : 15 Oct 2020 19:47
Operator : SY/MD
Sample : L4421-12
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG195

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMUTR100820WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.526	51	58	66	rBV	15031	16967	2.67%	0.398%
2	1.604	75	82	92	rBV	59303	65066	10.25%	1.527%
3	1.922	172	181	191	rBV	52403	66711	10.51%	1.566%
4	2.465	342	350	364	rVB2	12976	22060	3.48%	0.518%
5	2.578	372	385	398	rBV	100372	162043	25.54%	3.804%
6	2.661	399	411	441	rVB2	9797	32923	5.19%	0.773%
7	2.809	445	457	463	rBV2	3767	6984	1.10%	0.164%
8	4.655	1013	1031	1073	rBV	78509	270456	42.62%	6.349%
9	4.825	1073	1084	1104	rVB3	13110	31823	5.02%	0.747%
10	5.083	1148	1164	1183	rBV2	93903	210409	33.16%	4.939%
11	5.742	1347	1369	1386	rBV3	174026	465513	73.36%	10.927%
12	6.263	1517	1531	1553	rVB	147951	273079	43.04%	6.410%
13	6.703	1651	1668	1684	rBV	117969	229110	36.11%	5.378%
14	7.182	1804	1817	1826	rVB6	6174	13012	2.05%	0.305%
15	7.574	1927	1939	1953	rBV	51588	93455	14.73%	2.194%
16	7.722	1976	1985	1996	rVB4	3627	6436	1.01%	0.151%
17	7.906	2029	2042	2058	rBV	188446	329195	51.88%	7.727%
18	8.185	2118	2129	2145	rBV	36830	62024	9.77%	1.456%
19	8.642	2258	2271	2299	rBV	336707	634528	100.00%	14.895%
20	8.790	2309	2317	2326	rVB5	7130	10910	1.72%	0.256%
21	9.420	2499	2513	2533	rBV	221280	371816	58.60%	8.728%
22	10.754	2917	2928	2947	rVB	98728	160639	25.32%	3.771%
23	11.809	3244	3256	3270	rBV	202714	323797	51.03%	7.601%
24	12.063	3321	3335	3350	rBV2	19932	43431	6.84%	1.019%
25	12.188	3362	3374	3392	rVB	217650	349051	55.01%	8.193%
26	12.883	3582	3590	3599	rBV3	5891	8701	1.37%	0.204%

Sum of corrected areas: 4260139

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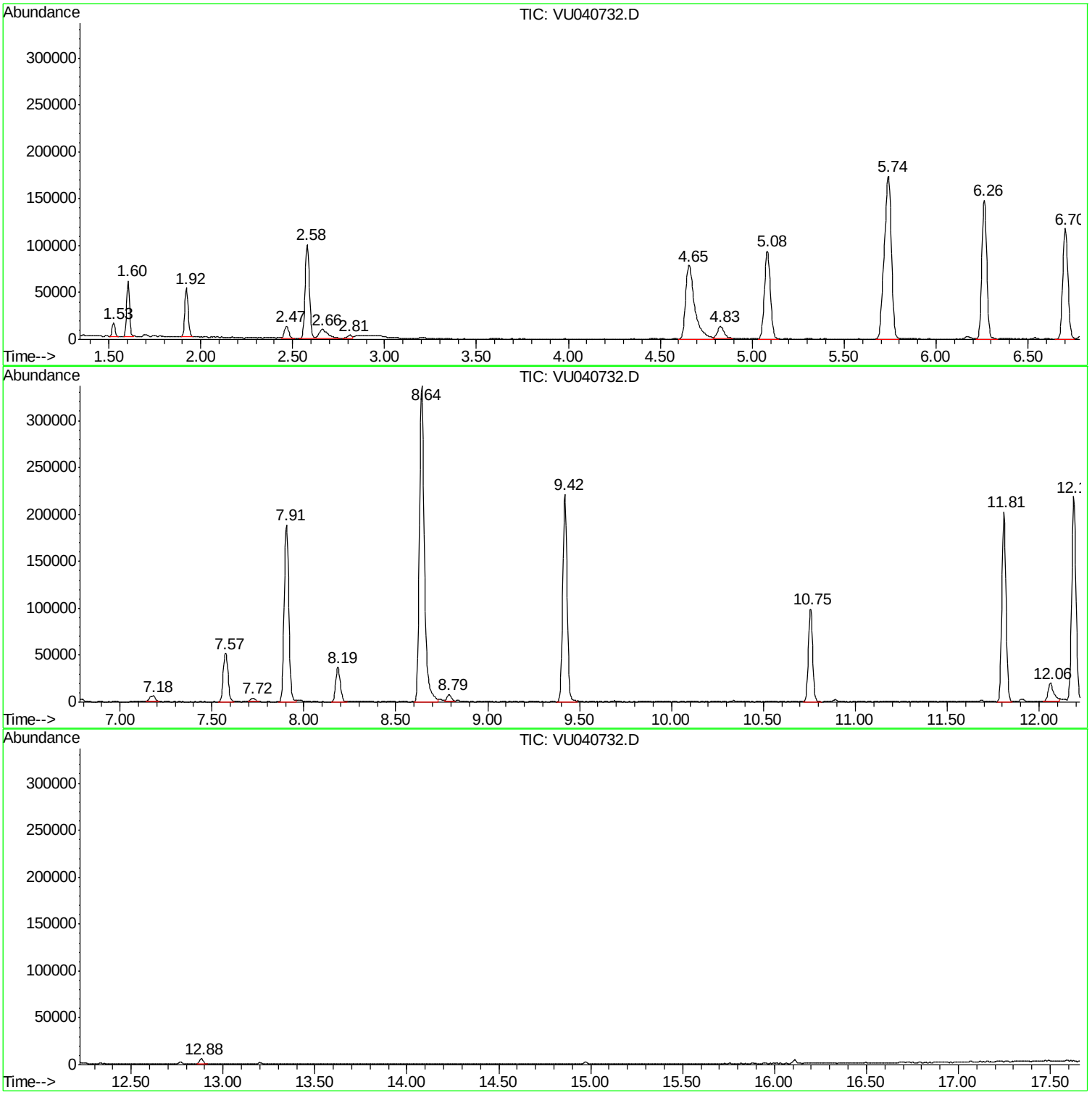
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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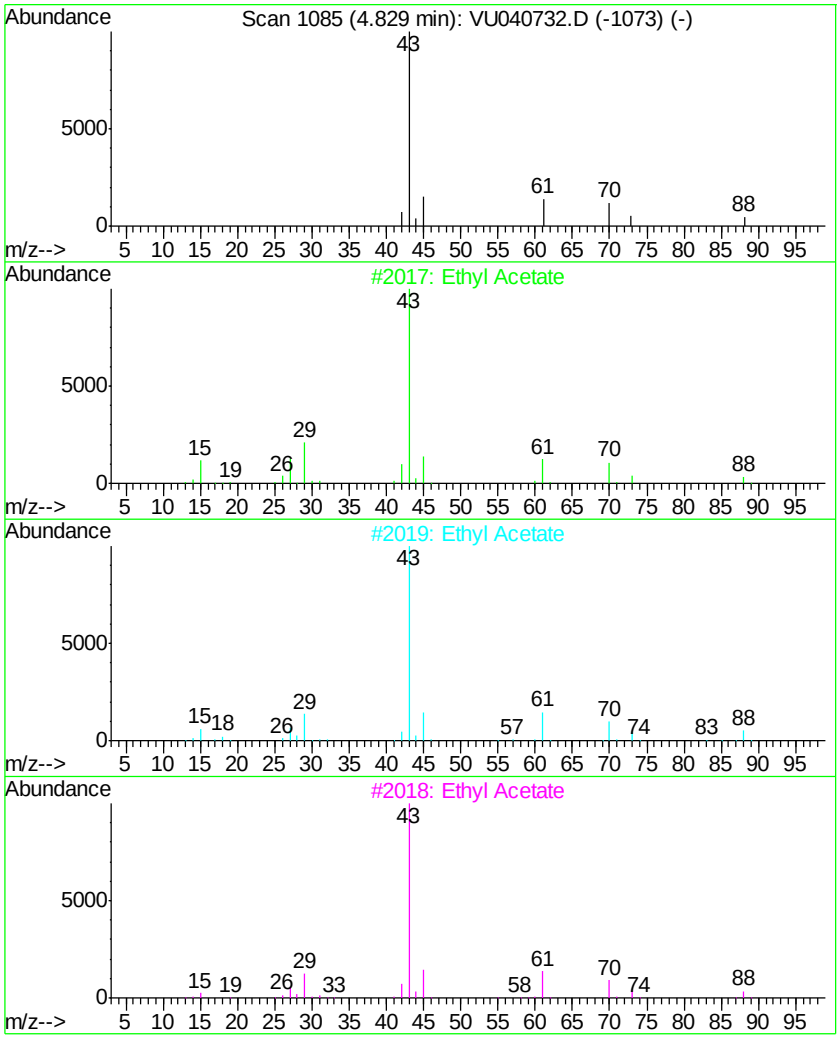
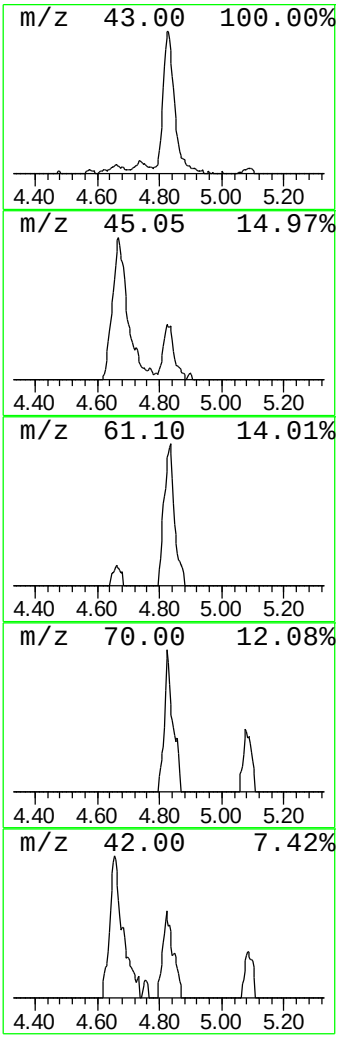
Peak Number 1 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.58 ug/L	31823	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59





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ClientSampleId : BG195

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

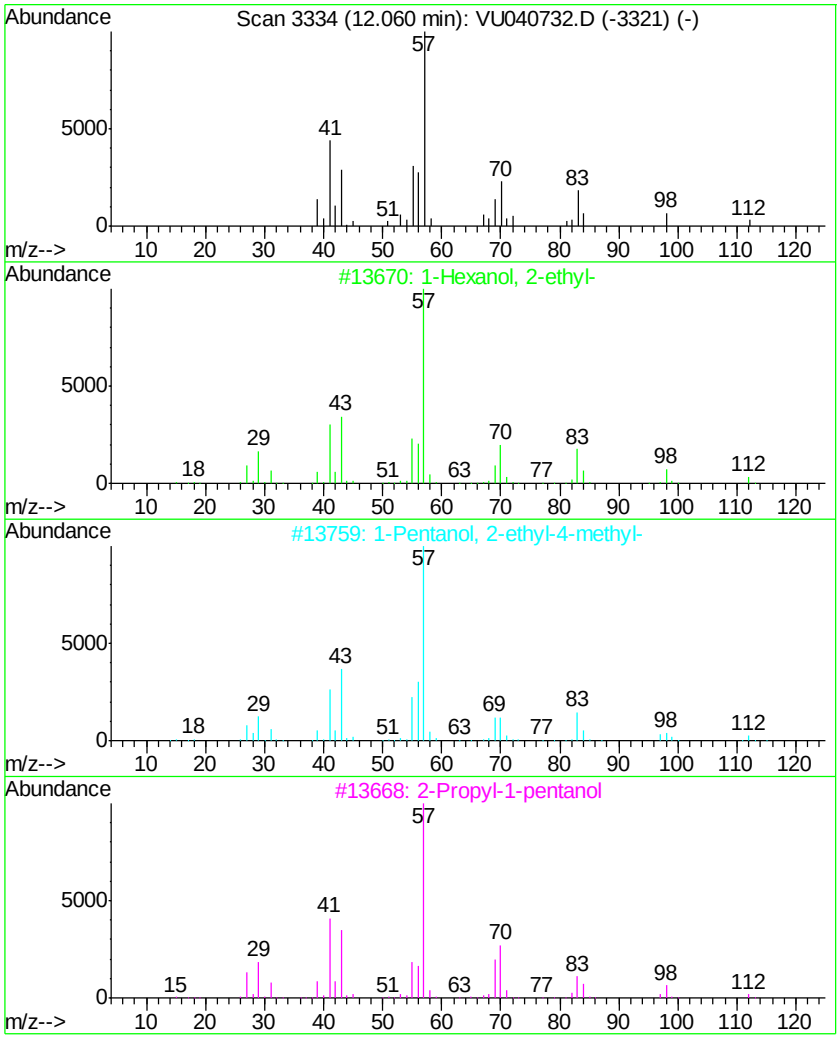
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

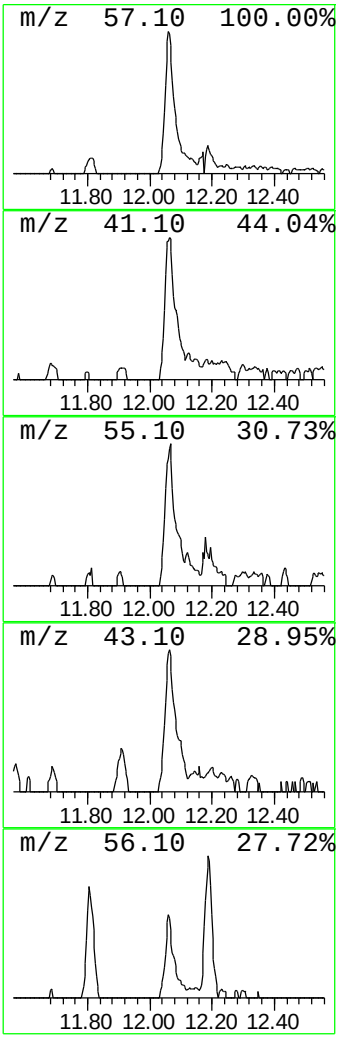
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.67 ug/L	43431	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	72
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	72
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl Acetate	4.83	0.6	ug/L	31823	1	6.26	273079	5.0
1-Hexanol, 2-ethyl-	12.06	0.7	ug/L	43431	3	11.81	323797	5.0