LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
Data File : VU039955.D
Acq On : 24 Aug 2020 18:35
Operator : SY/MD
Sample : L3789-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSS7

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\SOMUTR081920WMA.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	1.530	51	59	70	rBV	21220	24591	8.41%	0.986%
2	1.604	75	82	91	rVB	38042	41778	14.29%	1.675%
3	1.922	173	181	195	rVB	33339	43733	14.96%	1.754%
4	2.465	340	350	365	rVB2	16809	27354	9.36%	1.097%
5	2.578	373	385	398	rBV	66386	106855	36.55%	4.284%
6	2.658	400	410	433	rVB	8663	21692	7.42%	0.870%
7	2.838	447	466	467	rBV5	3108	6993	2.39%	0.280%
8	4.655	1013	1031	1053	rBV	45860	123397	42.21%	4.948%
9	5.083	1149	1164	1182	rBV	59261	130021	44.48%	5.213%
10	5.742	1349	1369	1388	rBV2	113310	292316	100.00%	11.721%
11	6.263	1516	1531	1551	rBV	86788	162515	55.60%	6.516%
12	6.703	1655	1668	1685	rVB	75165	143503	49.09%	5.754%
13	7.575	1927	1939	1954	rBV	37820	63884	21.85%	2.561%
14	7.906	2028	2042	2056	rBV	136061	232432	79.51%	9.320%
15	7.973	2058	2063	2074	rVB5	2108	3311	1.13%	0.133%
16	8.185	2119	2129	2143	rBV	24312	40670	13.91%	1.631%
17	8.349	2173	2180	2189	rVB5	2887	4624	1.58%	0.185%
18	8.558	2237	2245	2252	rBV4	3164	4596	1.57%	0.184%
19	8.639	2256	2270	2296	rBV	163443	288508	98.70%	11.568%
20	8.793	2311	2318	2326	rBV5	3399	5021	1.72%	0.201%
21	8.841	2326	2333	2342	rVB7	1984	3134	1.07%	0.126%
22	9.420	2496	2513	2528	rBV	123127	197724	67.64%	7.928%
23	10.237	2758	2767	2775	rBV2	3396	4986	1.71%	0.200%
24	10.755	2917	2928	2940	rBV	51246	80829	27.65%	3.241%
25	11.809	3244	3256	3269	rBV	125007	196817	67.33%	7.892%
26	12.054	3323	3332	3342	rBV	13865	20578	7.04%	0.825%
27	12.189	3362	3374	3386	rVB	134669	215543	73.74%	8.642%
28	12.346	3418	3423	3433	rVB5	2406	3230	1.10%	0.130%
29	12.877	3582	3588	3597	rBV3	2684	3385	1.16%	0.136%

Sum of corrected areas: 2494020

LSC Report - Integrated Chromatogram

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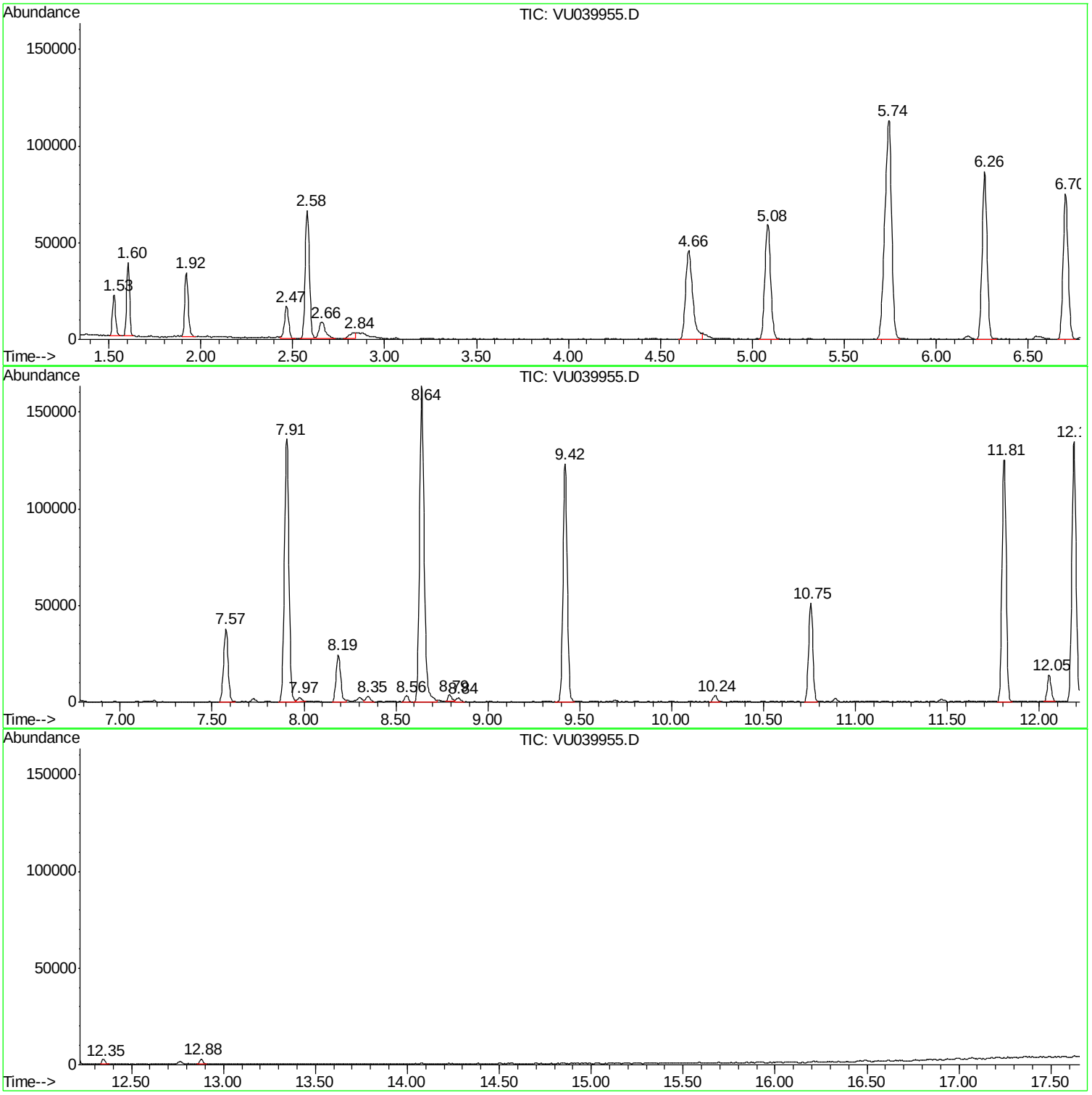
Instrument : MSVOA_U
ClientSampleId : BFSS7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.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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ClientSampleId : BFSS7

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Quant Title : TRACE VOA SOM01.0

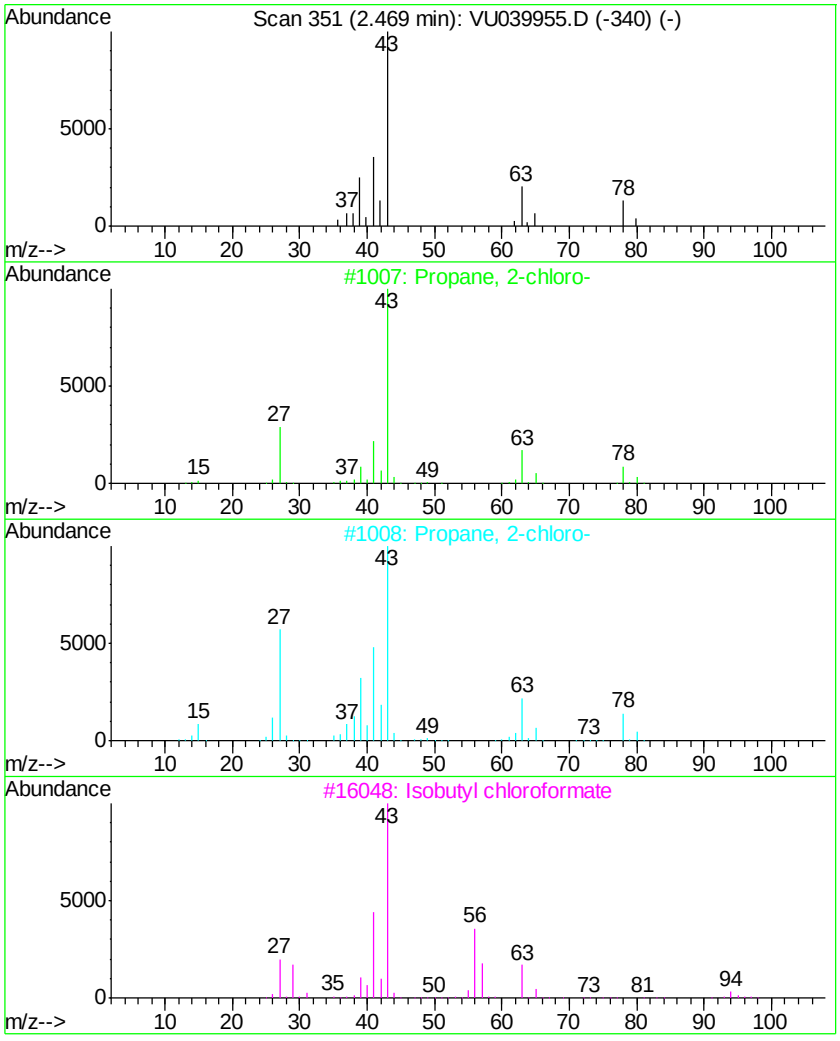
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

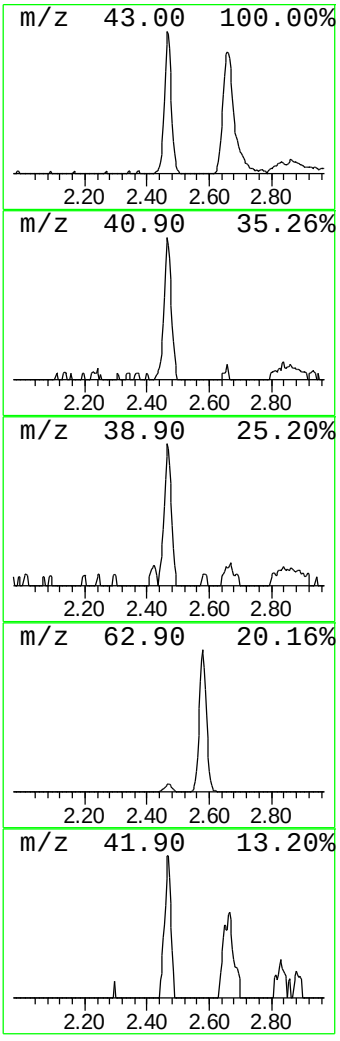
****

Peak Number 1 Propane, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.84 ug/L	27354	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	83
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	59
3	Isobutyl chloroformate	136	C5H9ClO2	000543-27-1	9
4	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	7
5	Hydrogen azide	43	HN3	007782-79-8	3





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ClientSampleId : BFSS7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0

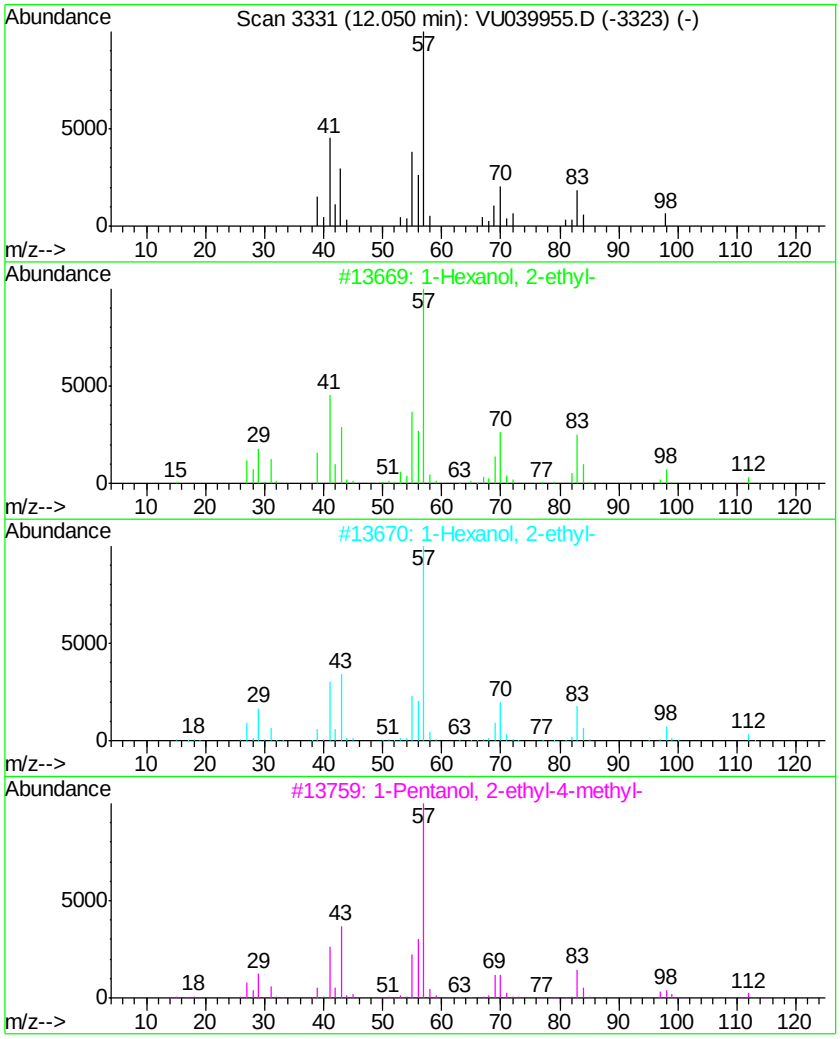
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

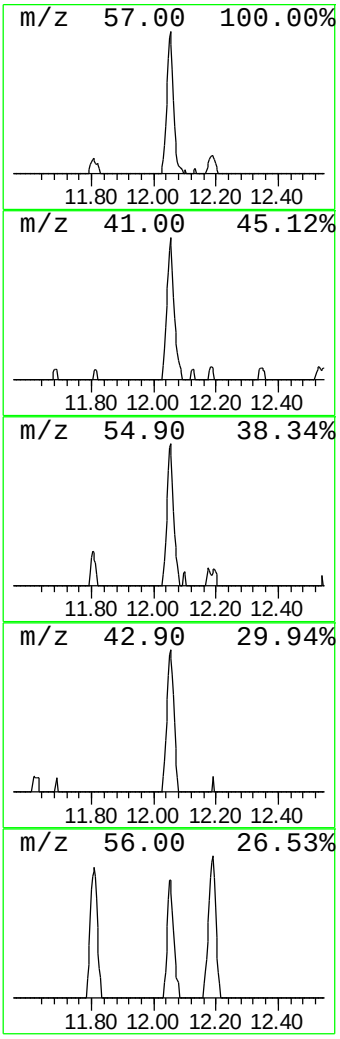
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.52 ug/L	20578	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Acetic acid, cyano-, 2-ethylhexy...	197	C11H19NO2	013361-34-7	53





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2-chloro-	2.47	0.8	ug/L	27354	1	6.26	162515	5.0
1-Hexanol, 2-ethyl-	12.05	0.5	ug/L	20578	3	11.81	196817	5.0