LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101320\
Data File : VU040676.D
Acq On : 13 Oct 2020 12:42
Operator : SY/MD
Sample : L4345-21
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : YAQZ1

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	1.495	41	48	55	rBV2	9282	10059	1.50%	0.213%
2	1.591	70	78	96	rBV2	135314	205950	30.76%	4.369%
3	1.700	103	112	125	rBV	15926	29282	4.37%	0.621%
4	1.922	173	181	194	rVB	53008	66738	9.97%	1.416%
5	2.581	374	386	400	rBV	103049	170746	25.50%	3.622%
6	2.675	401	415	438	rVV	7207	26640	3.98%	0.565%
7	4.462	952	971	992	rBV2	25305	68583	10.24%	1.455%
8	4.662	1015	1033	1076	rBV	69461	282644	42.21%	5.996%
9	4.832	1079	1086	1098	rVB3	4645	9672	1.44%	0.205%
10	5.083	1145	1164	1182	rBV	96014	215874	32.24%	4.579%
11	5.742	1347	1369	1387	rBV2	184856	486613	72.68%	10.323%
12	6.263	1516	1531	1552	rBV	168888	319036	47.65%	6.768%
13	6.703	1653	1668	1685	rBV	126439	240882	35.98%	5.110%
14	7.137	1792	1803	1812	rBV3	22796	48430	7.23%	1.027%
15	7.575	1927	1939	1954	rBV	59471	104980	15.68%	2.227%
16	7.906	2028	2042	2058	rBV	198747	341383	50.99%	7.242%
17	8.186	2117	2129	2144	rBV2	39889	68638	10.25%	1.456%
18	8.642	2258	2271	2307	rBV	345117	669548	100.00%	14.204%
19	8.793	2309	2318	2326	rVV4	23197	40366	6.03%	0.856%
20	8.838	2326	2332	2342	rVB3	4898	8711	1.30%	0.185%
21	9.420	2495	2513	2541	rBV	255007	423752	63.29%	8.989%
22	10.755	2915	2928	2947	rVB2	99696	163499	24.42%	3.468%
23	11.809	3242	3256	3271	rBV	229363	369625	55.21%	7.841%
24	12.189	3362	3374	3390	rVB	214667	342283	51.12%	7.261%

Sum of corrected areas: 4713934

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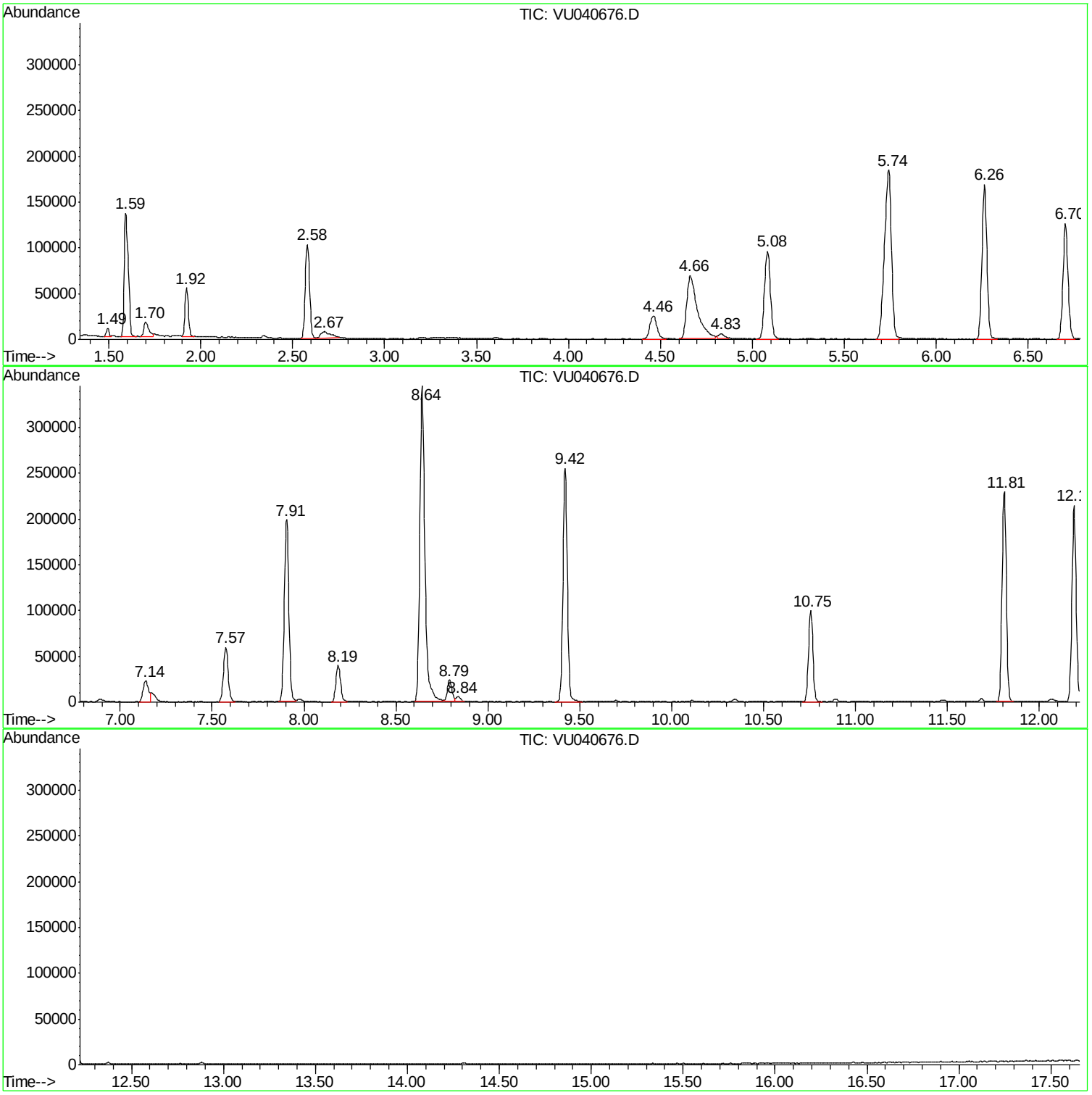
ClientSampleId : YAQZ1

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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Instrument : MSVOA_U
ClientSampleId : YAQZ1

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

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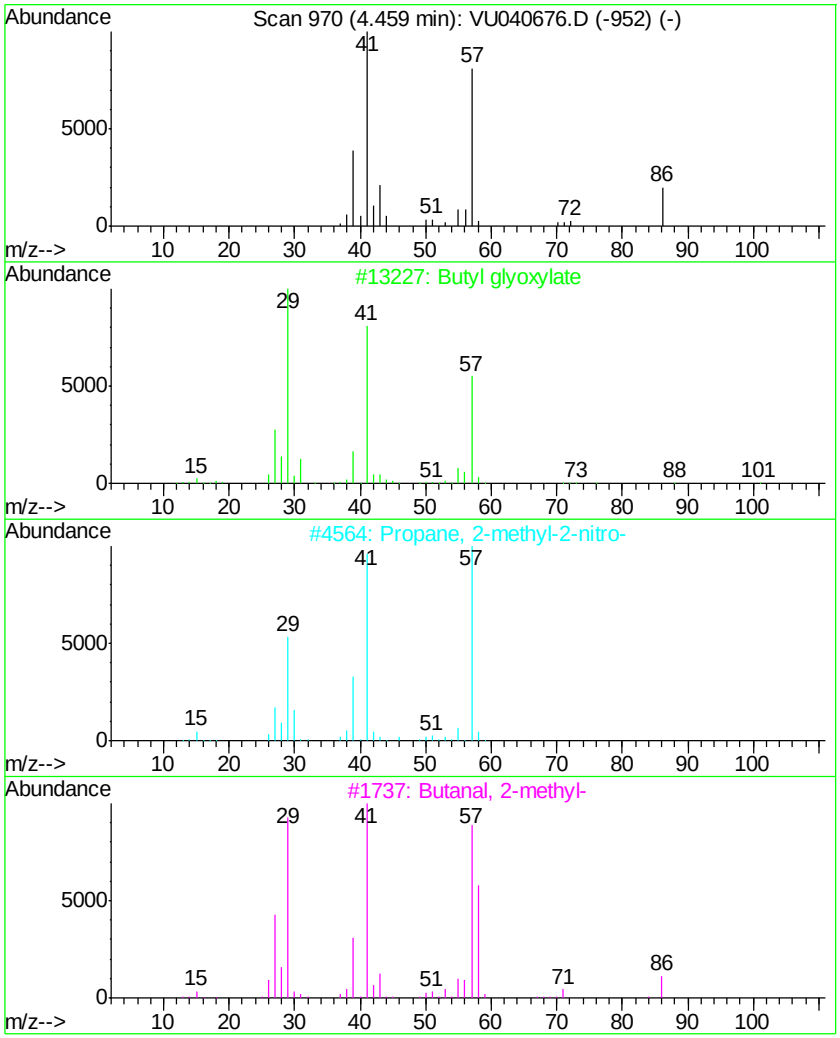
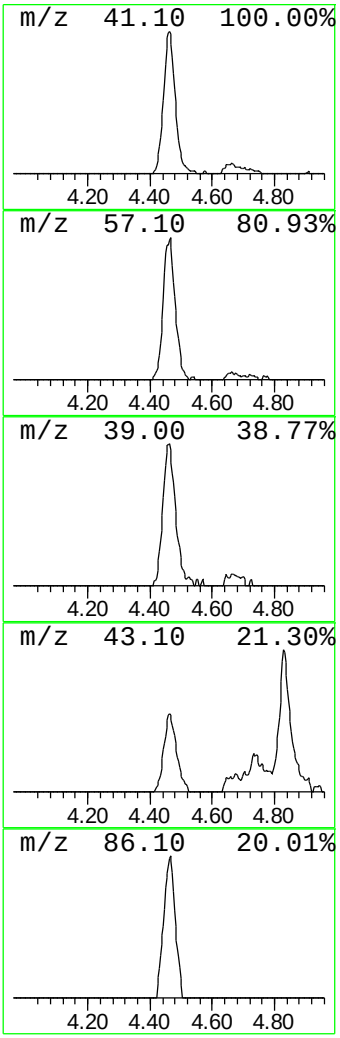
Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	1.07 ug/L	68583	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl glyoxylate	130	C6H10O3	006295-06-3	32
2	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	12
3	Butanal, 2-methyl-	86	C5H10O	000096-17-3	12
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	12
5	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9





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ClientSampleId : YAQZ1

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

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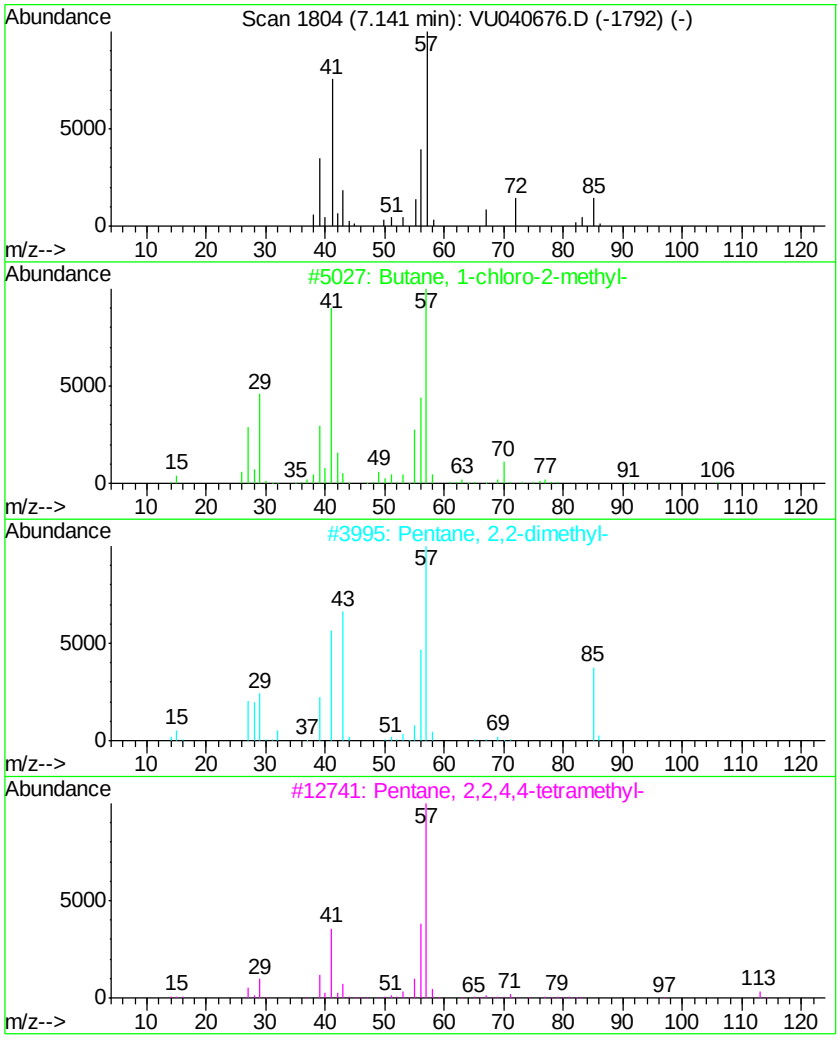
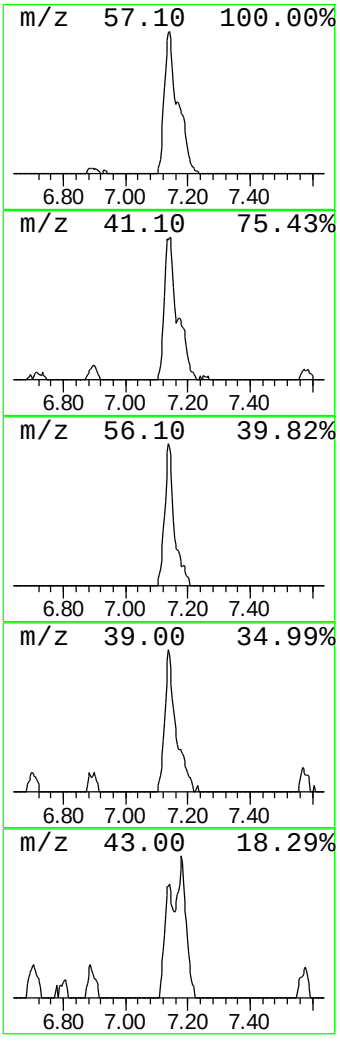
Peak Number 2 Butane, 1-chloro-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	0.76 ug/L	48430	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	53
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	53
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	38
5	1-Butene	56	C4H8	000106-98-9	38





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
unknown-01	4.46	1.1	ug/L	68583	1	6.26	319036	5.0
Butane, 1-chloro-...	7.14	0.8	ug/L	48430	1	6.26	319036	5.0