LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033020\
Data File : VU037461.D
Acq On : 30 Mar 2020 14:18
Operator : JC/MD
Sample : L2001-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAWG2

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\SOMUTR032820WMA.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	1.488	37	46	53	rBV3	4919	7914	1.27%	0.186%
2	1.613	77	85	92	rBV	50504	53899	8.65%	1.269%
3	1.932	177	184	195	rVB	39999	52028	8.35%	1.225%
4	2.591	378	389	401	rBV	85122	137554	22.08%	3.238%
5	3.221	573	585	595	rBV4	3302	7061	1.13%	0.166%
6	3.826	759	773	782	rBV4	3754	7411	1.19%	0.174%
7	4.668	1022	1035	1052	rBV	75600	172580	27.70%	4.062%
8	4.851	1081	1092	1107	rVB2	10578	21466	3.45%	0.505%
9	5.105	1154	1171	1190	rBV	74751	166205	26.68%	3.912%
10	5.761	1355	1375	1392	rBV2	153558	388992	62.44%	9.156%
11	6.282	1521	1537	1552	rBV	134456	246039	39.49%	5.791%
12	6.539	1598	1617	1632	rBV3	60102	124764	20.03%	2.937%
13	6.723	1659	1674	1690	rBV	96164	186636	29.96%	4.393%
14	6.835	1696	1709	1719	rBV2	19044	36646	5.88%	0.863%
15	7.594	1931	1945	1958	rBV	53575	92739	14.89%	2.183%
16	7.922	2034	2047	2063	rVB	195112	330009	52.97%	7.768%
17	8.202	2122	2134	2145	rBV2	35032	57012	9.15%	1.342%
18	8.658	2262	2276	2304	rBV	265255	461309	74.04%	10.859%
19	9.436	2506	2518	2532	rBV	185161	304094	48.81%	7.158%
20	9.780	2611	2625	2646	rBV	371921	623020	100.00%	14.665%
21	10.774	2922	2934	2945	rBV	74245	118738	19.06%	2.795%
22	11.777	3235	3246	3251	rBV5	11908	19291	3.10%	0.454%
23	11.825	3251	3261	3276	rVB	195367	308669	49.54%	7.266%
24	12.076	3328	3339	3349	rBV2	11897	20709	3.32%	0.487%
25	12.208	3368	3380	3394	rVB	188636	303523	48.72%	7.145%

Sum of corrected areas: 4248308

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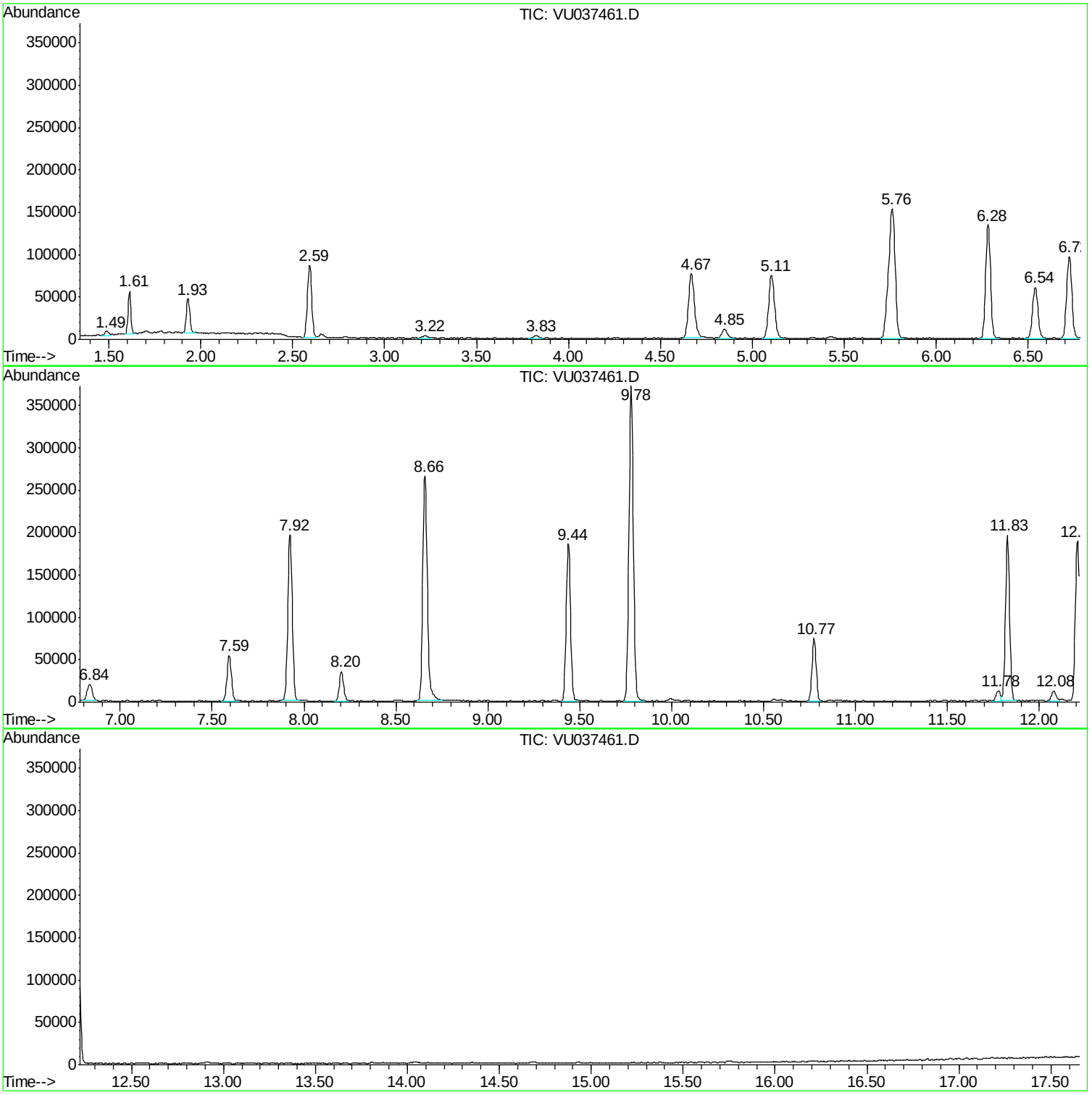
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0

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



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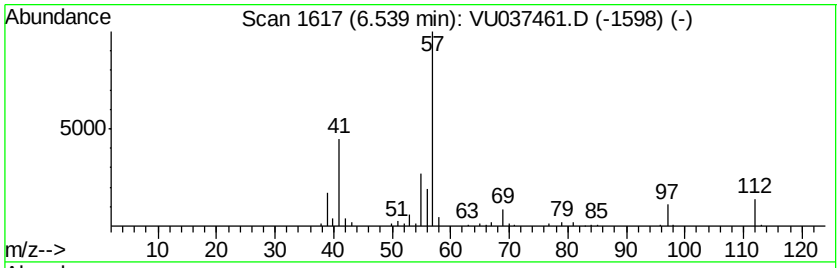
Quant Title : TRACE VOA SOM01.0

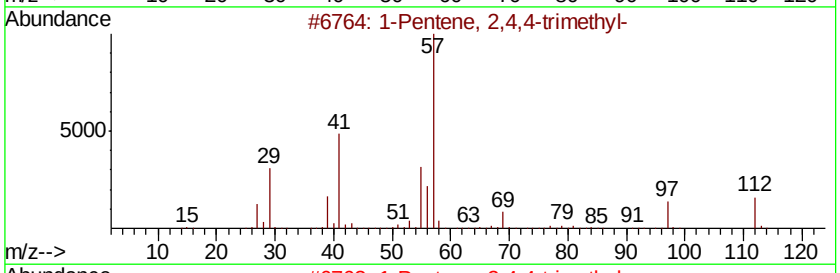
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

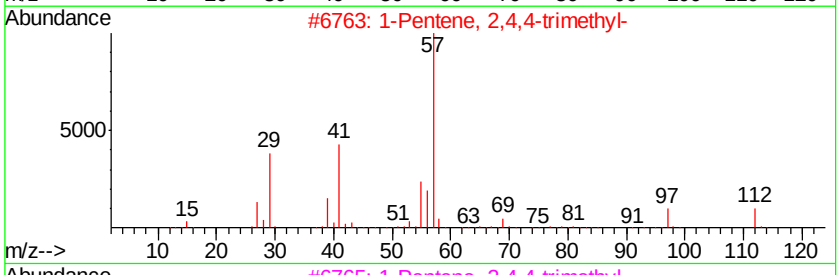
****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

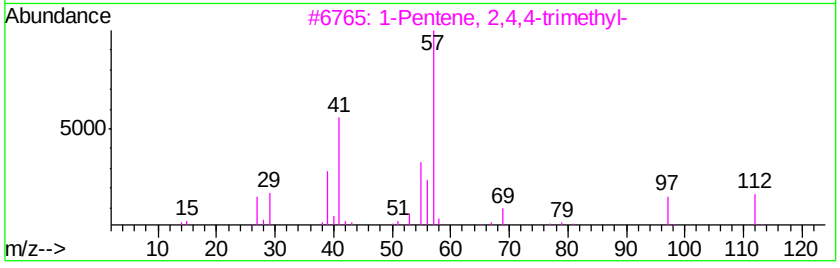
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	2.54 ug/L	124764	1,4-Difluorobenzene	6.28

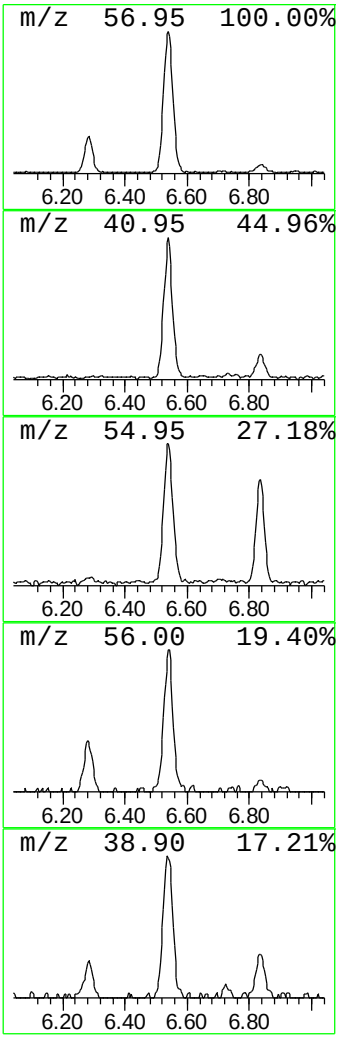
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	91
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	91
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	90
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	86
5	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	72











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Instrument : MSVOA_U
ClientSampleId : GAWG2

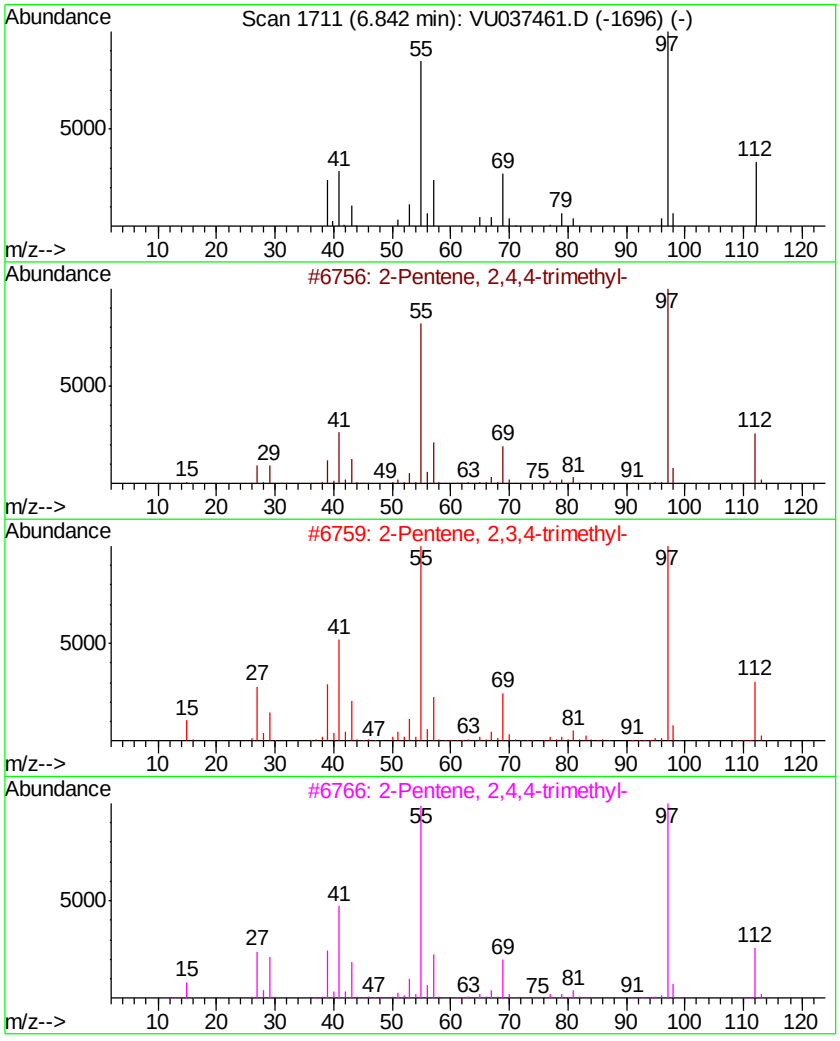
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0

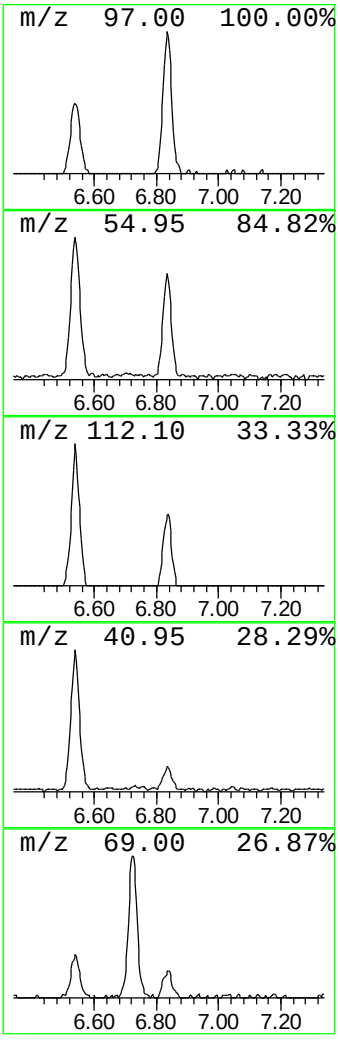
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	0.74 ug/L	36646	1,4-Difluorobenzene	6.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	90
2	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	87
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	87
4	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	86
5	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	86





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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAWG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0

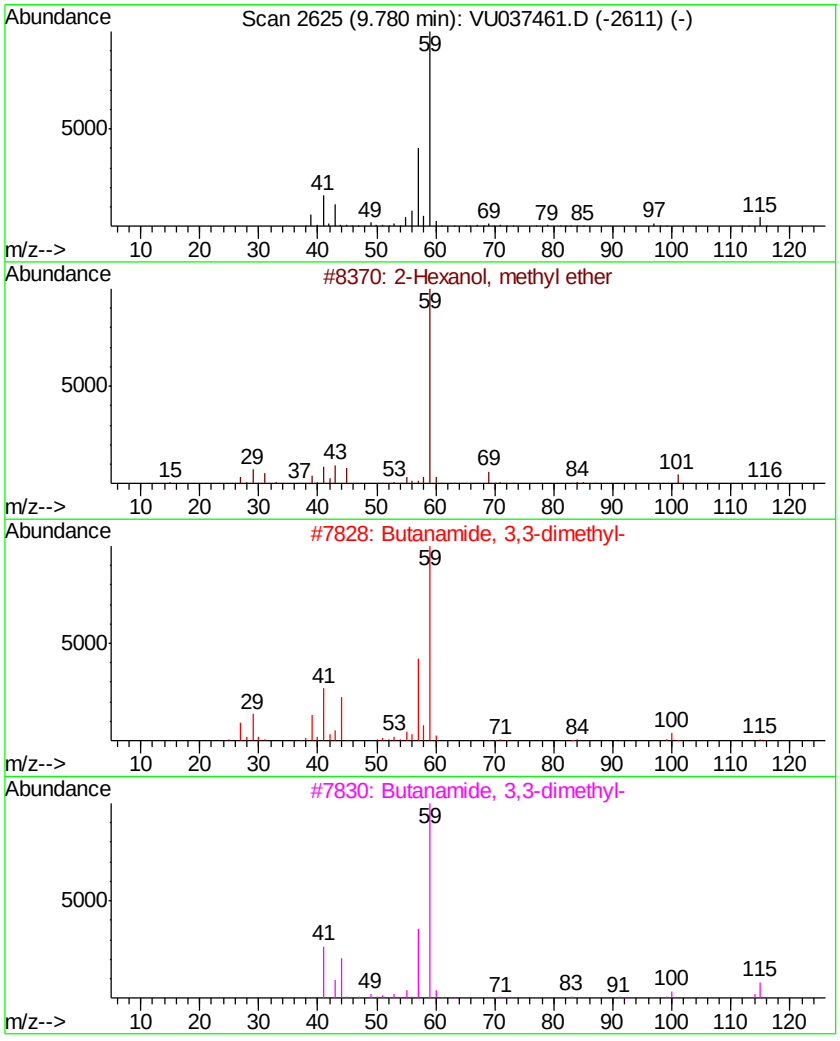
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

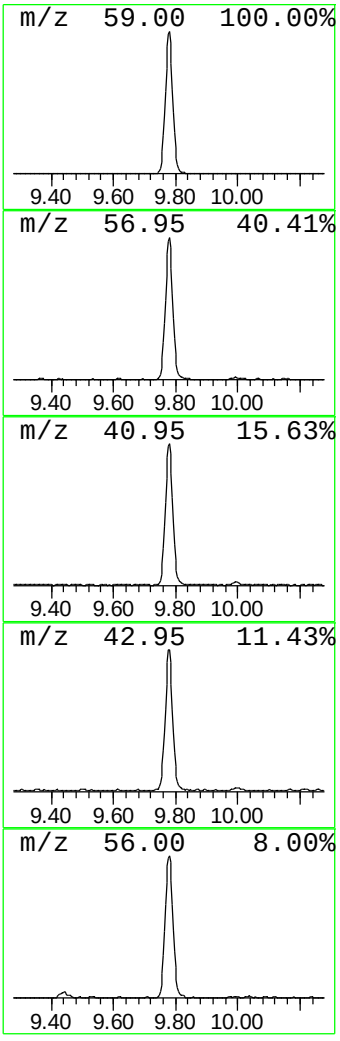
****

Peak Number 4 2-Hexanol, methyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	10.24 ug/L	623020	Chlorobenzene-d5	9.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, methyl ether	116	C7H16O	1000333-92-0	50
2	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	40
3	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	3-Hexanol	102	C6H14O	000623-37-0	9





Tentatively Identified Compound (LSC) summary

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ClientSampleId : GAWG2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
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
(DEL) Alkane: Str...	6.54	2.5	ug/L	124764	1	6.28	246039	5.0
(DEL) Alkane: Str...	6.84	0.7	ug/L	36646	1	6.28	246039	5.0
2-Hexanol, methyl...	9.78	10.2	ug/L	623020	2	9.44	304094	5.0