LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062919\
Data File : VU033090.D
Acq On : 28 Jun 2019 23:08
Operator : JC/SP
Sample : K3597-14
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM71

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\SOMUTR062719WMA.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	1.396	88	95	105	rVB	64665	62164	16.50%	1.629%
2	1.469	112	118	127	rBV	9699	11156	2.96%	0.292%
3	1.678	175	183	197	rVB	46887	57632	15.30%	1.510%
4	2.010	277	286	295	rBV	8598	14057	3.73%	0.368%
5	2.267	355	366	374	rBV	98187	147574	39.18%	3.867%
6	2.318	374	382	403	rVB	75916	122388	32.49%	3.207%
7	2.444	410	421	444	rVB	52892	94435	25.07%	2.474%
8	4.186	950	963	982	rBV	54720	146549	38.91%	3.840%
9	4.276	984	991	1011	rVV2	10876	28854	7.66%	0.756%
10	4.386	1011	1025	1060	rVB	109363	264974	70.35%	6.943%
11	4.640	1088	1104	1126	rVB	69329	162391	43.12%	4.255%
12	5.331	1298	1319	1344	rBV2	130404	361299	95.93%	9.467%
13	5.881	1476	1490	1507	rBV	108297	210823	55.97%	5.524%
14	6.325	1612	1628	1647	rBV	86718	173134	45.97%	4.536%
15	7.225	1895	1908	1929	rBV3	40056	76462	20.30%	2.003%
16	7.559	1999	2012	2031	rBV	160655	285532	75.81%	7.481%
17	7.849	2091	2102	2118	rBV	26205	46289	12.29%	1.213%
18	8.222	2206	2218	2235	rBV	71858	125648	33.36%	3.292%
19	8.312	2235	2246	2283	rVV	183750	376643	100.00%	9.869%
20	8.585	2322	2331	2338	rBV5	2199	3826	1.02%	0.100%
21	9.083	2474	2486	2509	rBV	163785	282368	74.97%	7.399%
22	10.427	2889	2904	2916	rBV	66267	107644	28.58%	2.820%
23	11.479	3220	3231	3256	rBV	160208	267058	70.90%	6.997%
24	11.749	3304	3315	3336	rBV3	43396	95463	25.35%	2.501%
25	11.855	3337	3348	3368	rVB	172710	292153	77.57%	7.655%

Sum of corrected areas: 3816516

LSC Report - Integrated Chromatogram

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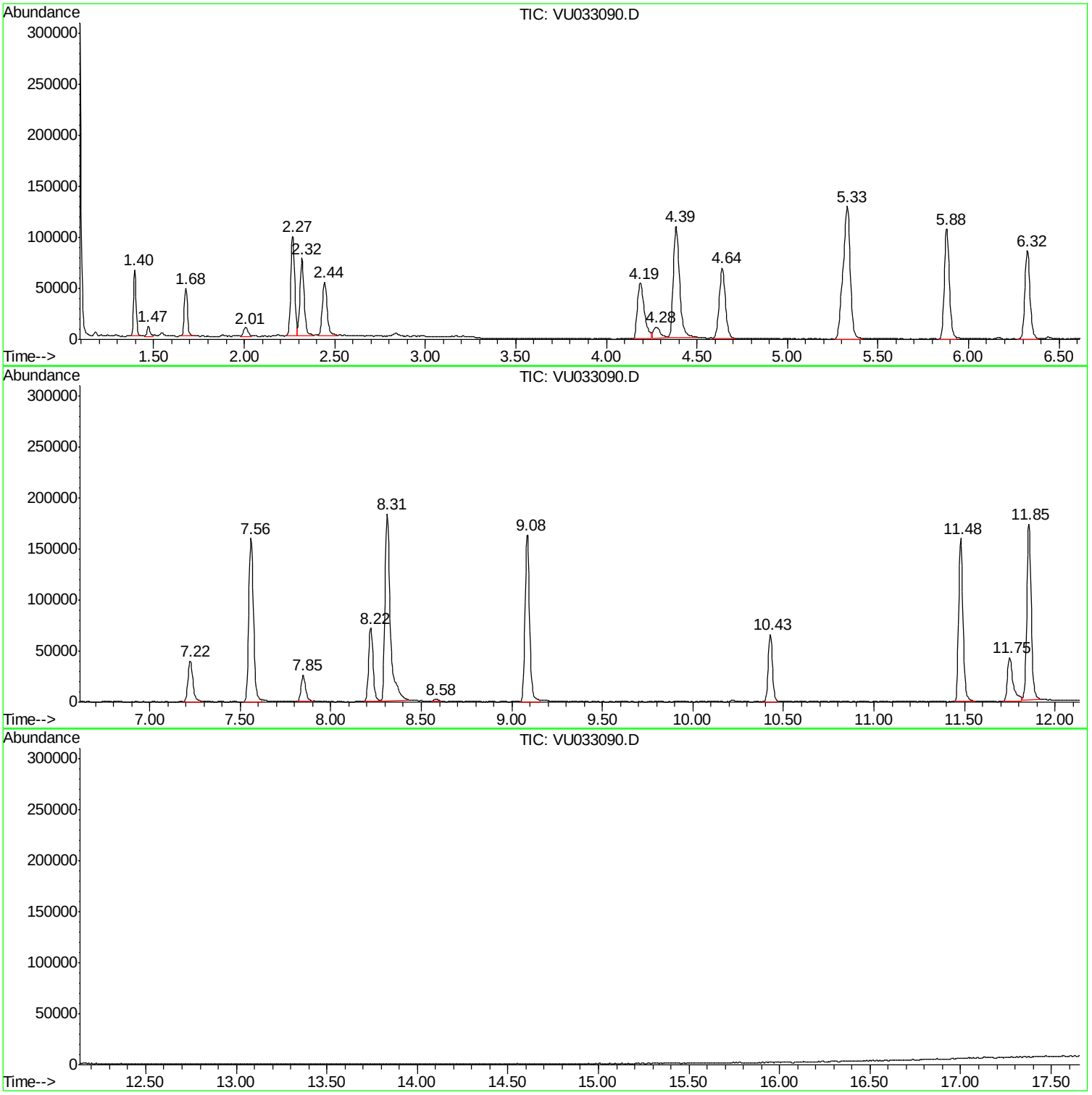
Instrument : MSVOA_U
ClientSampleId : GAM71

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.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

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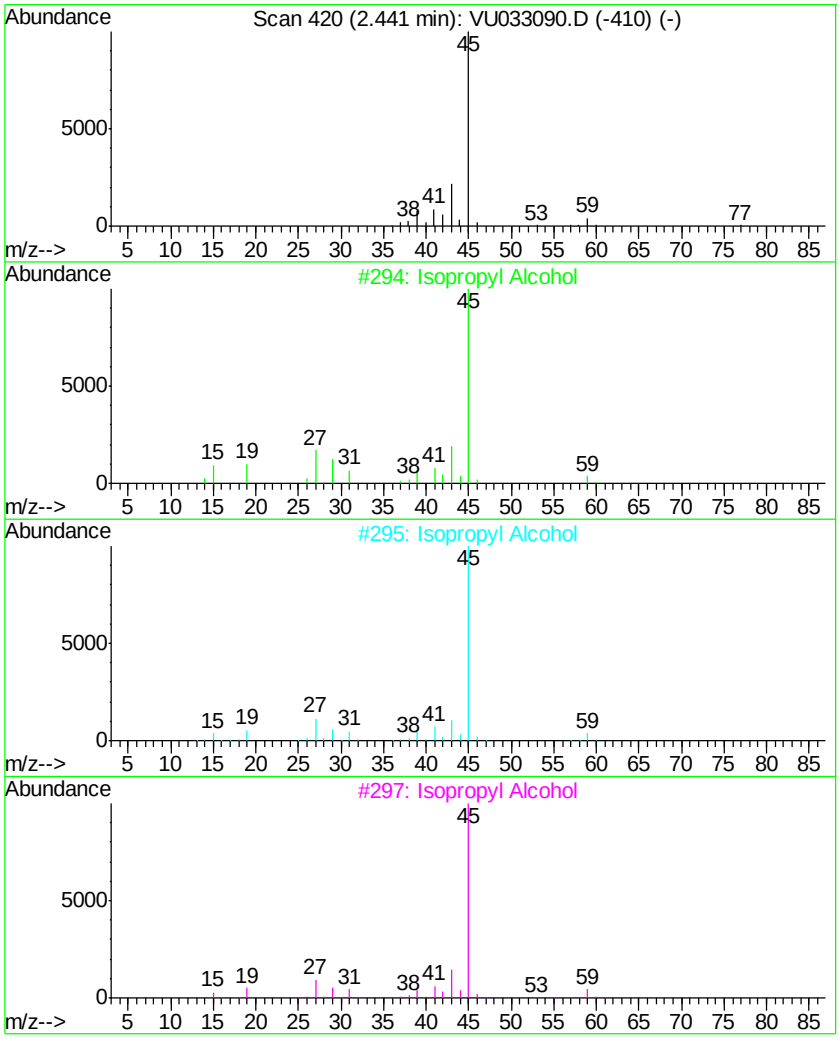
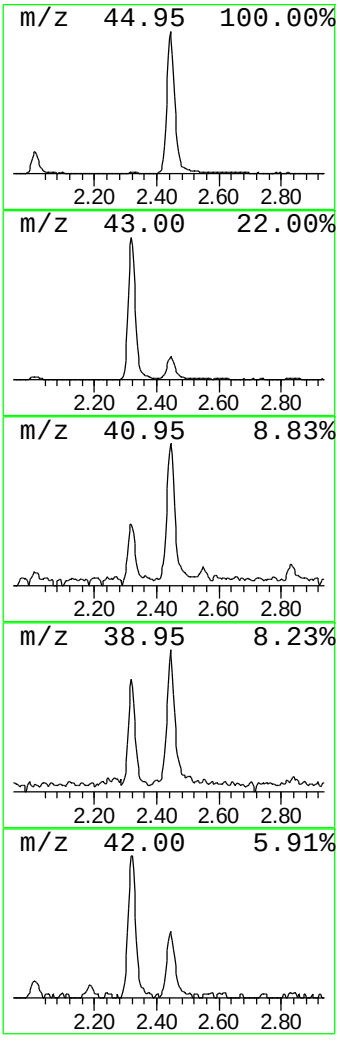
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.24 ug/L	94435	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Library Search Compound Report

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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAM71

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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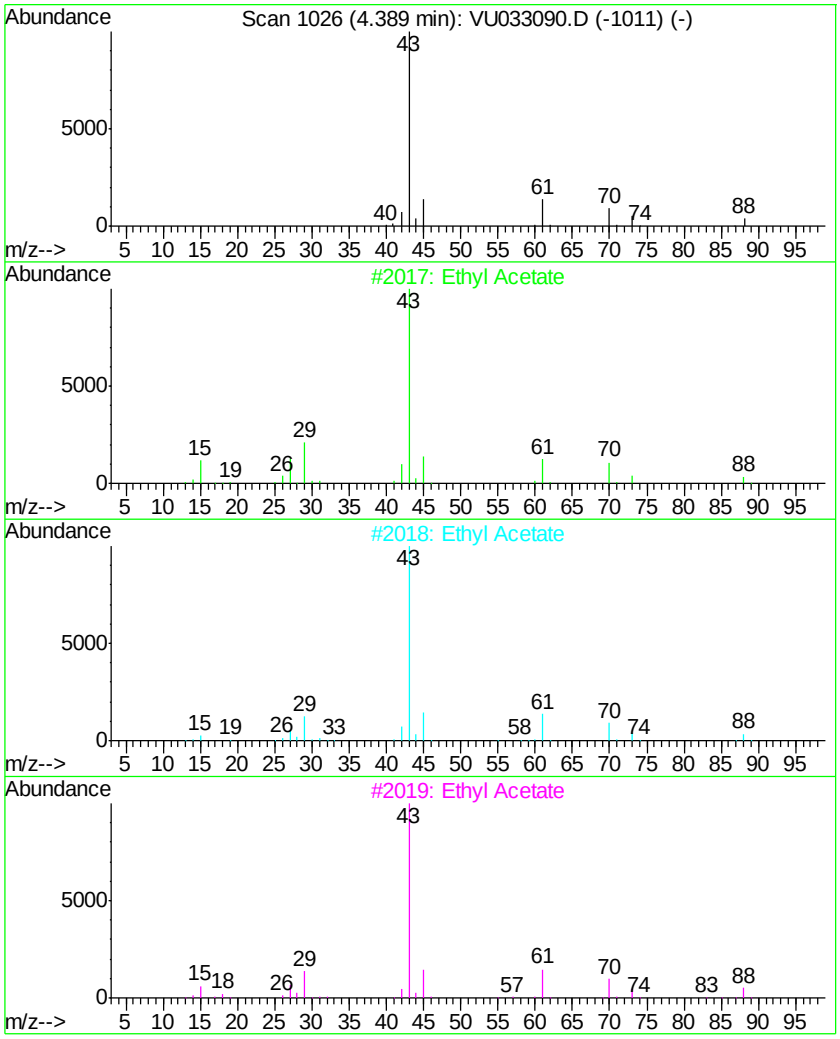
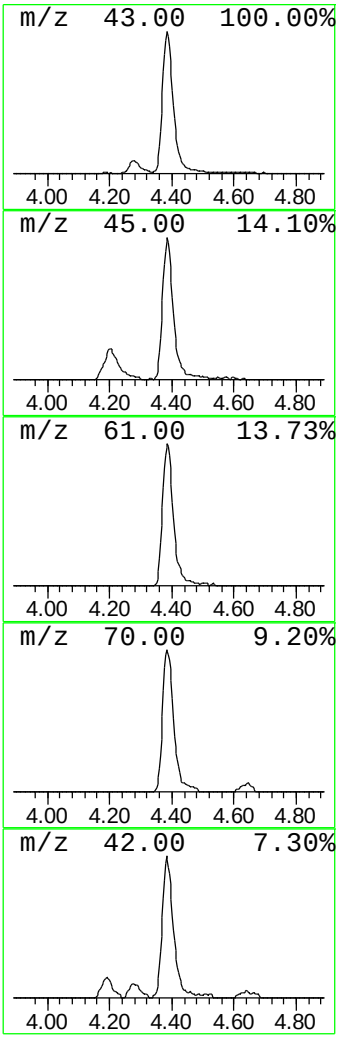
Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	6.28 ug/L	264974	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	64
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53





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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId : GAM71

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0

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

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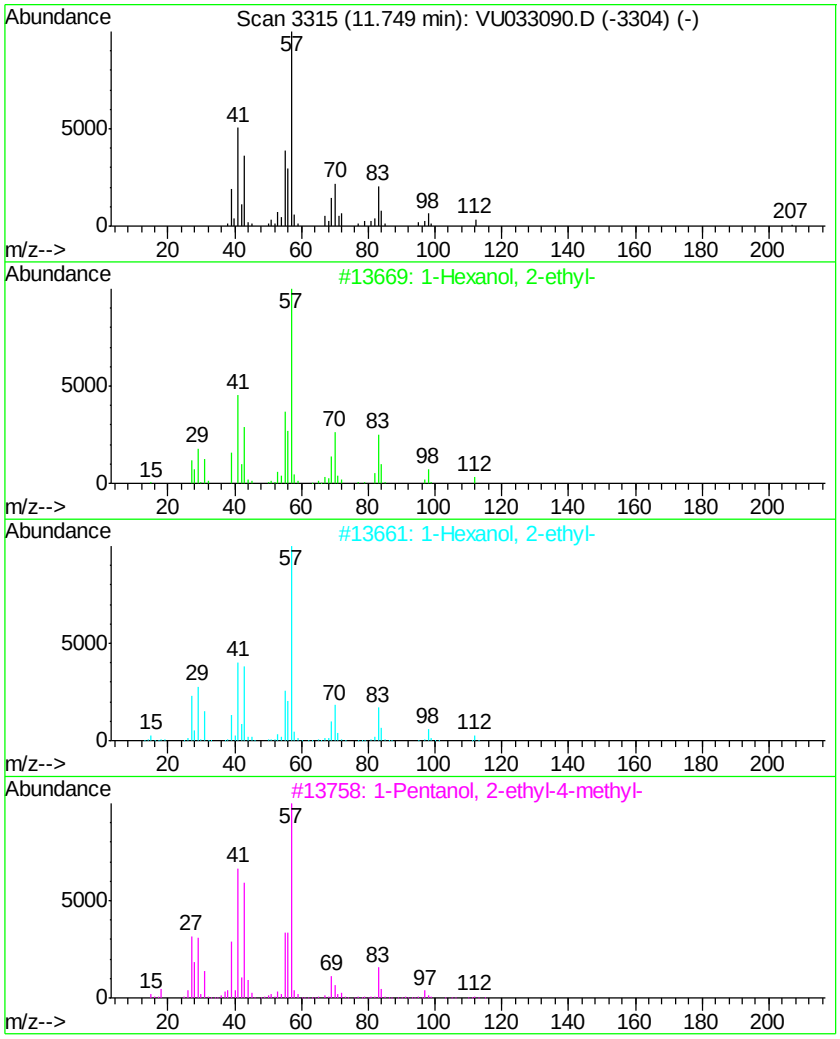
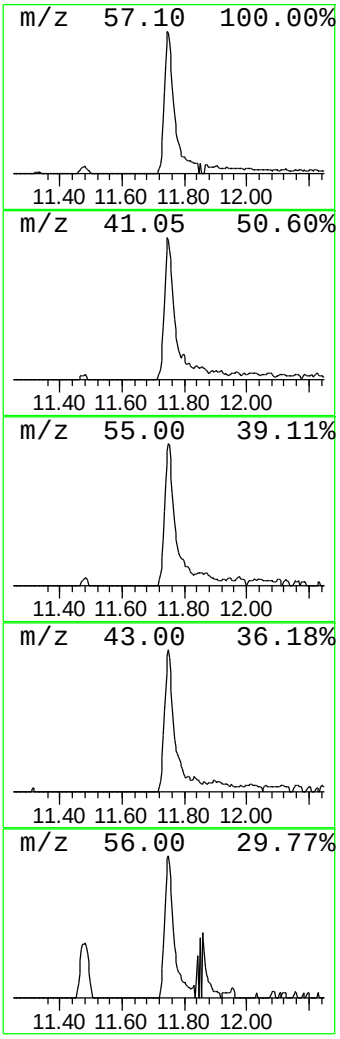
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	1.79 ug/L	95463	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





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
Isopropyl Alcohol	2.44	2.2	ug/L	94435	1	5.88	210823	5.0
Ethyl Acetate	4.39	6.3	ug/L	264974	1	5.88	210823	5.0
1-Hexanol, 2-ethyl-	11.75	1.8	ug/L	95463	3	11.48	267058	5.0