LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
Data File : VV008295.D
Acq On : 16 Oct 2018 13:32
Operator : SY/MD
Sample : J5406-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AK0

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_V\METHOD\SOMVTR101518WMA.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	1.222	37	41	46	rBV	11447	11096	2.89%	0.371%
2	1.319	63	71	80	rVB	47485	50920	13.26%	1.701%
3	1.585	147	154	163	rVB	35750	39605	10.32%	1.323%
4	2.132	315	324	335	rVB	70689	98903	25.76%	3.305%
5	3.003	586	595	608	rVB	33092	66048	17.20%	2.207%
6	3.987	885	901	935	rBV2	36558	148277	38.62%	4.954%
7	4.405	1016	1031	1058	rBV	57091	153770	40.06%	5.138%
8	5.097	1229	1246	1266	rBV2	143981	332324	86.57%	11.104%
9	5.669	1411	1424	1443	rVB	118361	232793	60.64%	7.778%
10	5.952	1500	1512	1525	rBV5	8873	19522	5.09%	0.652%
11	6.122	1551	1565	1587	rVB	80094	159755	41.61%	5.338%
12	6.637	1712	1725	1739	rBV5	5013	11821	3.08%	0.395%
13	7.035	1835	1849	1863	rBV	41463	74245	19.34%	2.481%
14	7.199	1889	1900	1915	rVB	26312	50583	13.18%	1.690%
15	7.363	1934	1951	1965	rBV	160113	281735	73.39%	9.413%
16	7.669	2033	2046	2062	rVB2	24958	43692	11.38%	1.460%
17	8.148	2179	2195	2233	rBV4	147410	383894	100.00%	12.827%
18	8.900	2416	2429	2455	rBV	163771	276831	72.11%	9.249%
19	9.180	2505	2516	2527	rBV9	6383	11322	2.95%	0.378%
20	10.267	2842	2854	2867	rBV	45910	74272	19.35%	2.482%
21	11.299	3160	3175	3202	rBV	124861	226106	58.90%	7.555%
22	11.585	3252	3264	3281	rBV4	15176	32694	8.52%	1.092%
23	11.675	3281	3292	3312	rVB	114627	198863	51.80%	6.644%
24	16.366	4744	4751	4763	rVB3	10092	13880	3.62%	0.464%

Sum of corrected areas: 2992951

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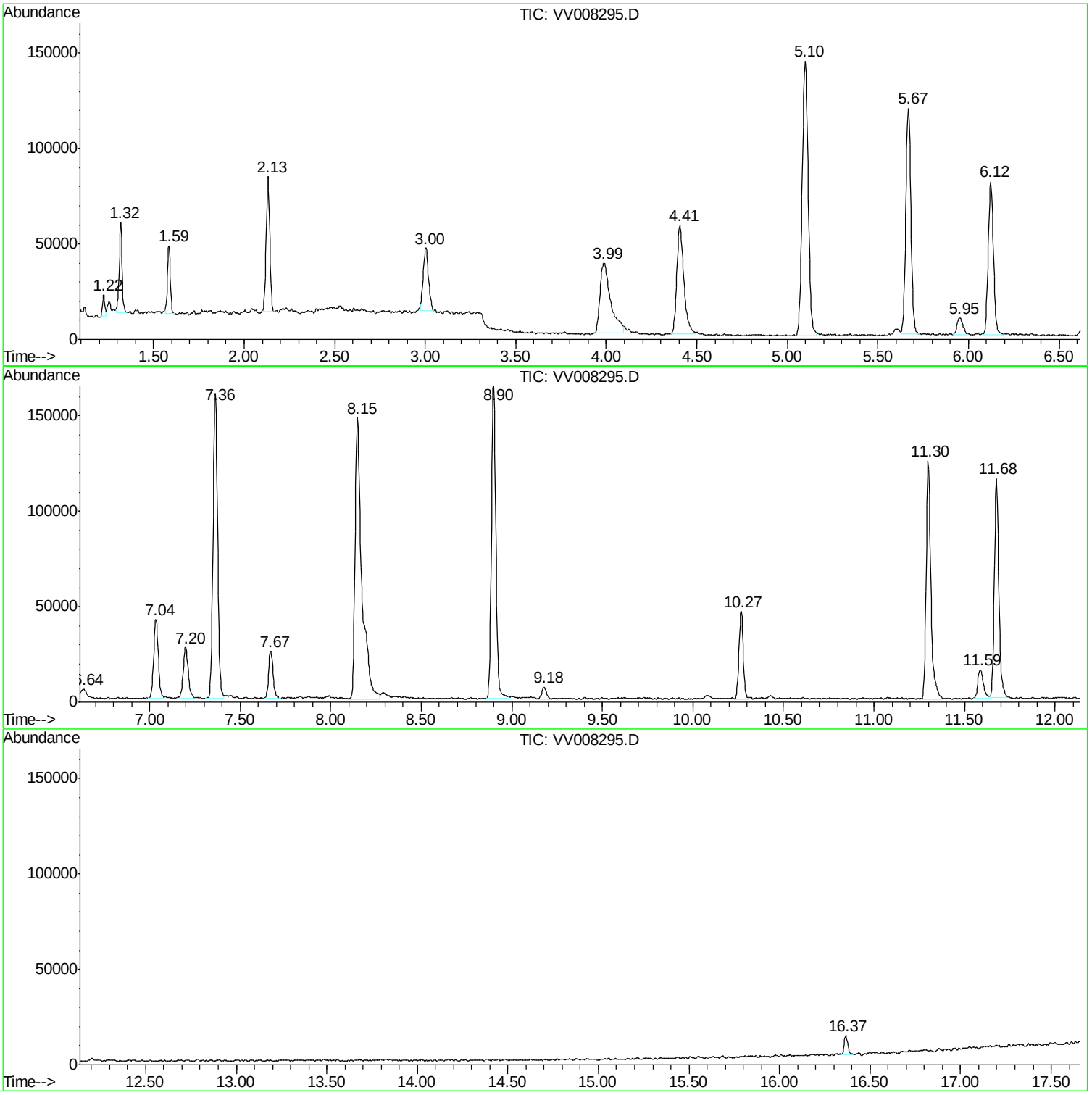
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0

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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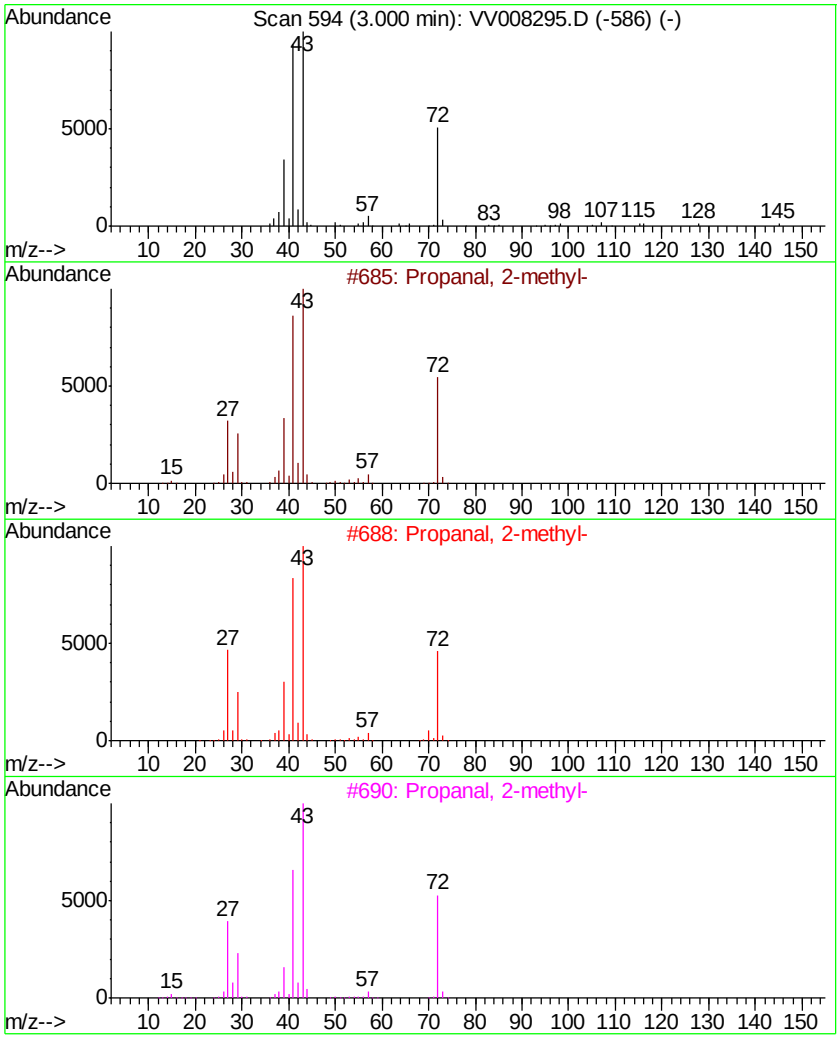
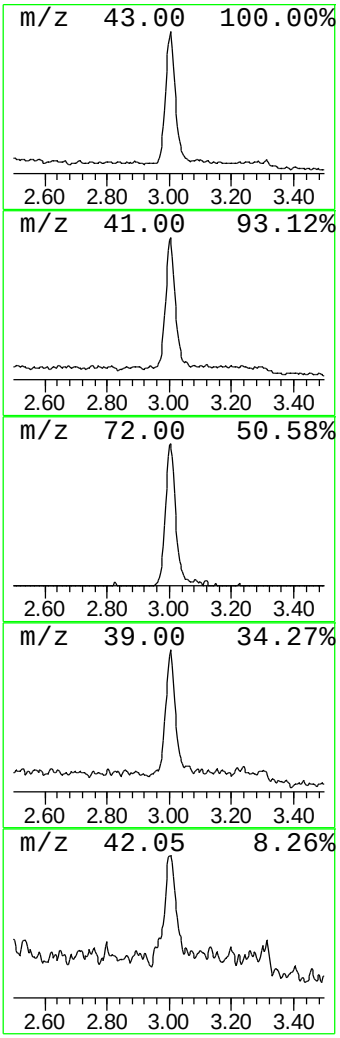
Peak Number 1 Propanal, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	1.42 ug/L	66048	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	80
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	80
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	72
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	64
5	2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	40





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ClientSampleId : C0AK0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0

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

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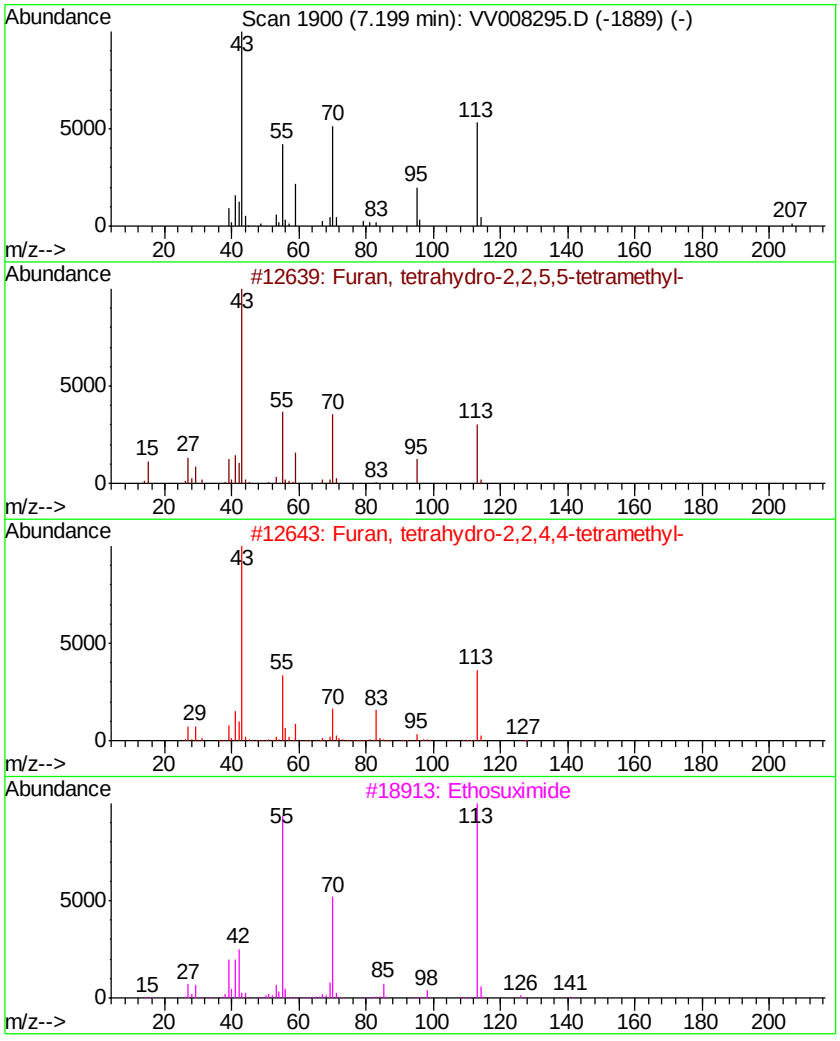
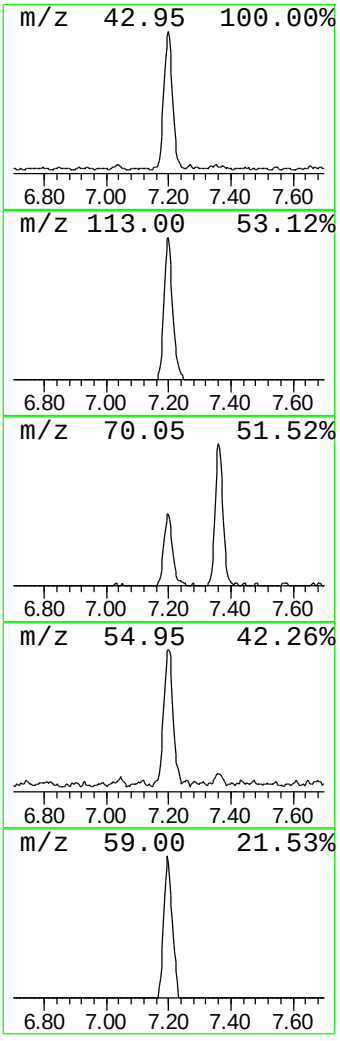
Peak Number 3 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	1.09 ug/L	50583	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	83
2	Furan, tetrahydro-2,2,4,4-tetram...	128	C8H16O	003358-28-9	53
3	Ethosuximide	141	C7H11NO2	000077-67-8	38
4	Ethosuximide	141	C7H11NO2	000077-67-8	37
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	35





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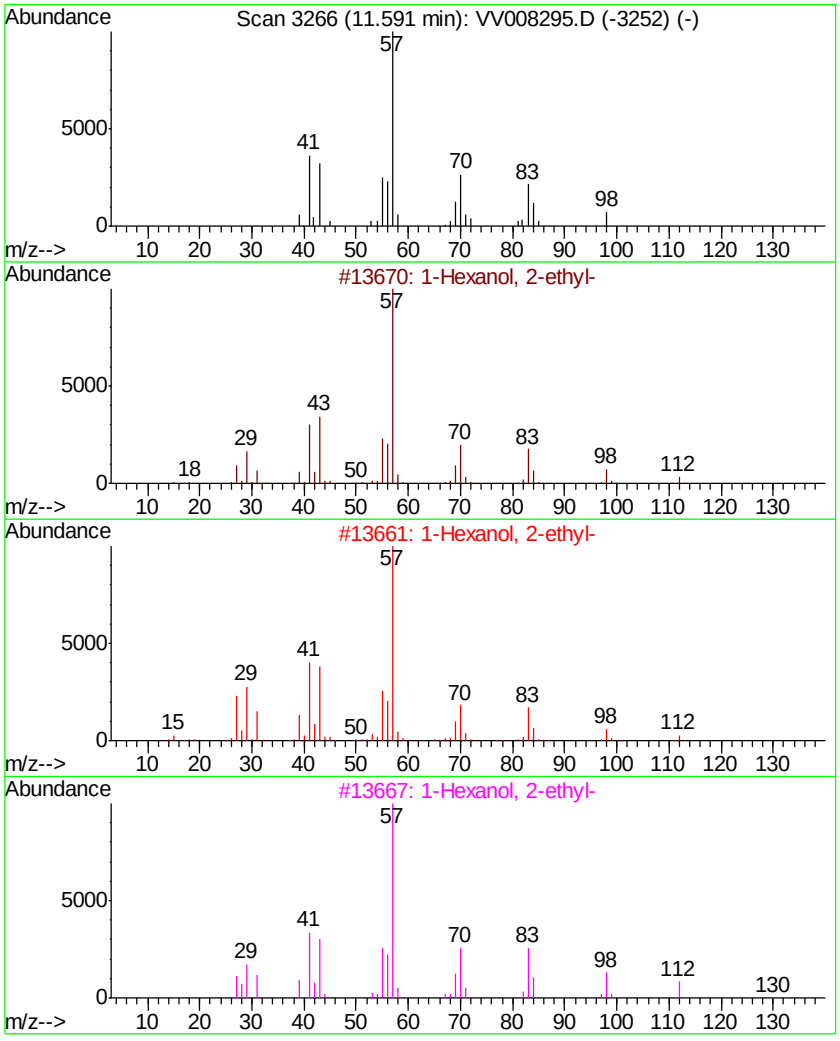
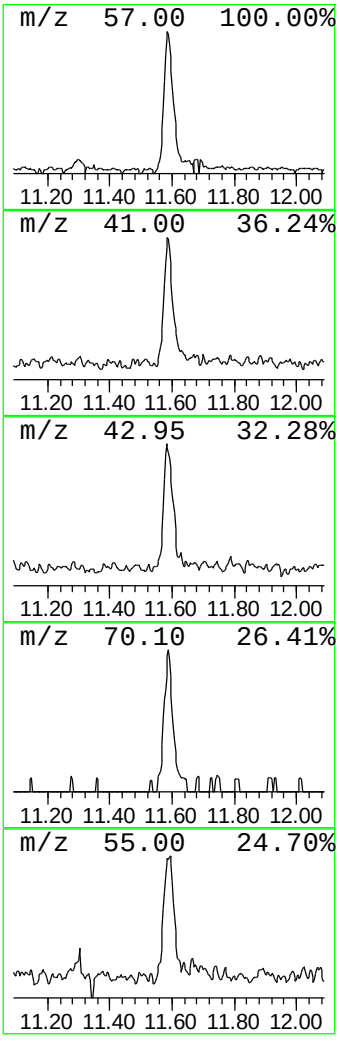
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	0.72 ug/L	32694	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanal, 2-methyl-	3.00	1.4	ug/L	66048	1	5.67	232793	5.0
Furan, tetrahydro...	7.20	1.1	ug/L	50583	1	5.67	232793	5.0
1-Hexanol, 2-ethyl-	11.59	0.7	ug/L	32694	3	11.30	226106	5.0