LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110220\
Data File : VU041056.D
Acq On : 02 Nov 2020 17:44
Operator : SY/MD
Sample : L4584-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSS8

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\SOMUTR102620WMA.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	1.526	52	58	66	rBV	5963	6888	2.18%	0.348%
2	1.607	73	83	94	rVB	28273	32063	10.15%	1.618%
3	1.925	173	182	195	rVB	21511	28108	8.90%	1.418%
4	2.469	339	351	363	rVB2	17923	28758	9.10%	1.451%
5	2.581	374	386	397	rBV	44730	71140	22.52%	3.590%
6	2.661	397	411	434	rVB	8992	24852	7.87%	1.254%
7	2.838	448	466	468	rBV4	2607	5433	1.72%	0.274%
8	3.597	689	702	715	rBB3	3329	7640	2.42%	0.386%
9	4.652	1015	1030	1051	rBV	43614	123534	39.10%	6.234%
10	5.083	1150	1164	1180	rBV	41408	87388	27.66%	4.410%
11	5.742	1349	1369	1387	rBV3	77269	202789	64.18%	10.234%
12	6.169	1490	1502	1517	rBB2	4870	10102	3.20%	0.510%
13	6.263	1518	1531	1547	rBV	70083	127113	40.23%	6.415%
14	6.703	1656	1668	1683	rBV2	51090	97600	30.89%	4.925%
15	6.783	1683	1693	1706	rBV3	2151	3829	1.21%	0.193%
16	7.172	1797	1814	1826	rBB5	4988	10618	3.36%	0.536%
17	7.574	1927	1939	1952	rBB	25504	43014	13.61%	2.171%
18	7.722	1974	1985	1997	rBB3	8866	15780	4.99%	0.796%
19	7.906	2029	2042	2055	rBV	87852	146655	46.42%	7.401%
20	7.973	2056	2063	2074	rVB2	2787	4527	1.43%	0.228%
21	8.185	2119	2129	2146	rVB2	17157	27794	8.80%	1.403%
22	8.639	2258	2270	2309	rBV	178134	315961	100.00%	15.945%
23	8.790	2309	2317	2326	rVV4	2710	3719	1.18%	0.188%
24	9.420	2500	2513	2530	rBV	102678	166965	52.84%	8.426%
25	9.680	2586	2594	2604	rVB5	2363	3385	1.07%	0.171%
26	10.754	2918	2928	2943	rVB	44368	69136	21.88%	3.489%
27	10.893	2961	2971	2979	rVB3	3126	4705	1.49%	0.237%
28	11.809	3244	3256	3269	rVB	92767	148044	46.86%	7.471%
29	11.909	3279	3287	3295	rBV5	2914	3579	1.13%	0.181%
30	12.057	3323	3333	3346	rBV2	10196	17594	5.57%	0.888%
31	12.188	3361	3374	3388	rBV2	90616	142855	45.21%	7.209%

Sum of corrected areas: 1981568

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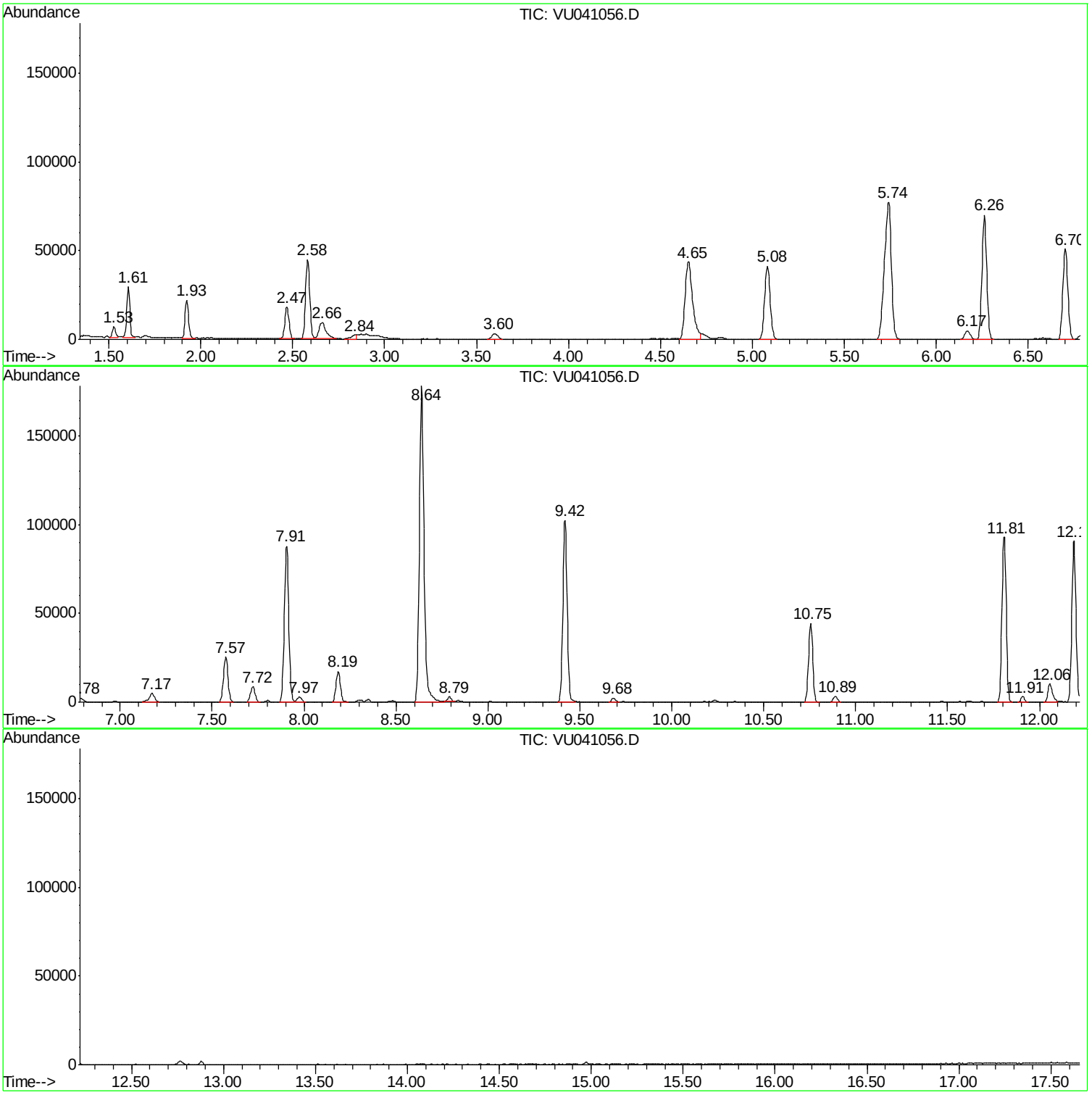
Instrument : MSVOA_U
ClientSampleId : BFSS8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.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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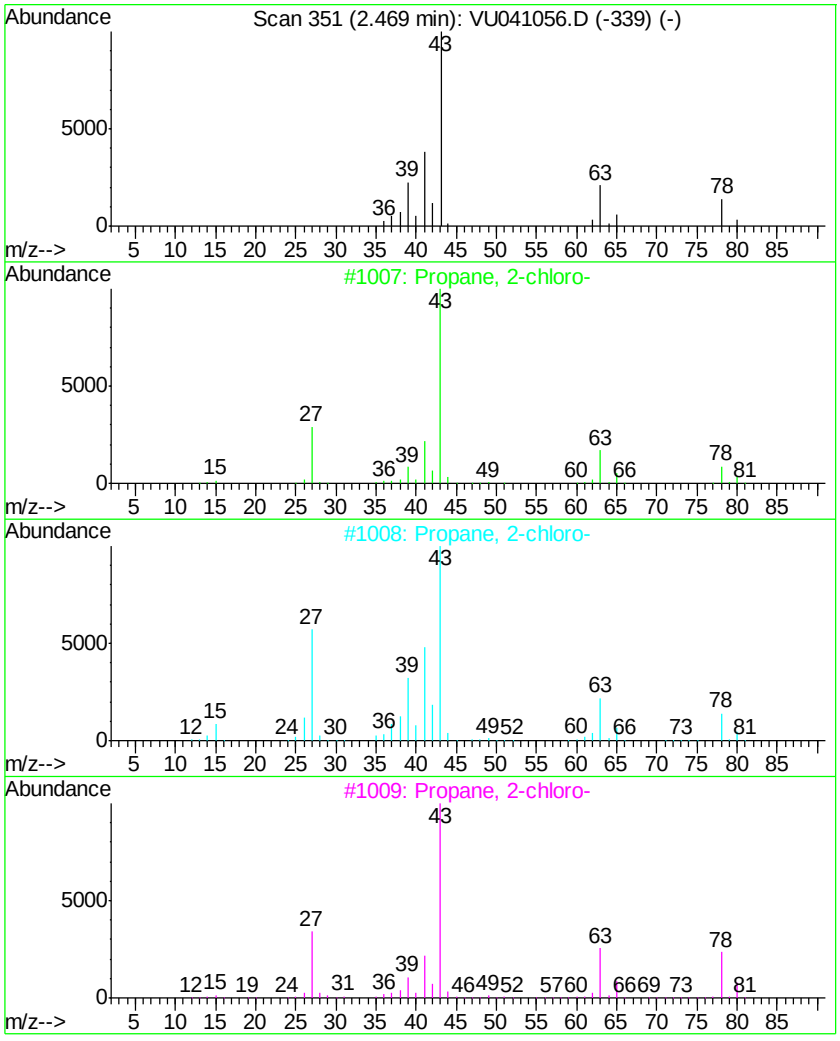
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

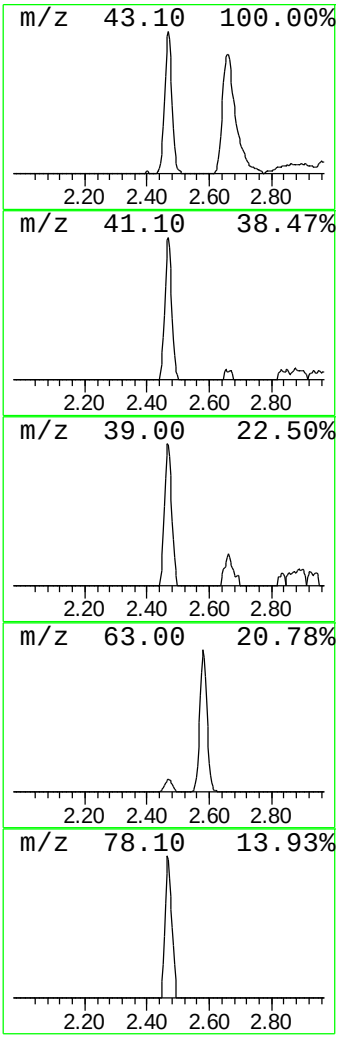
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	1.13 ug/L	28758	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	72
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	52
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	9
4	Isobutyl chloroformate	136	C5H9ClO2	000543-27-1	9
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	4





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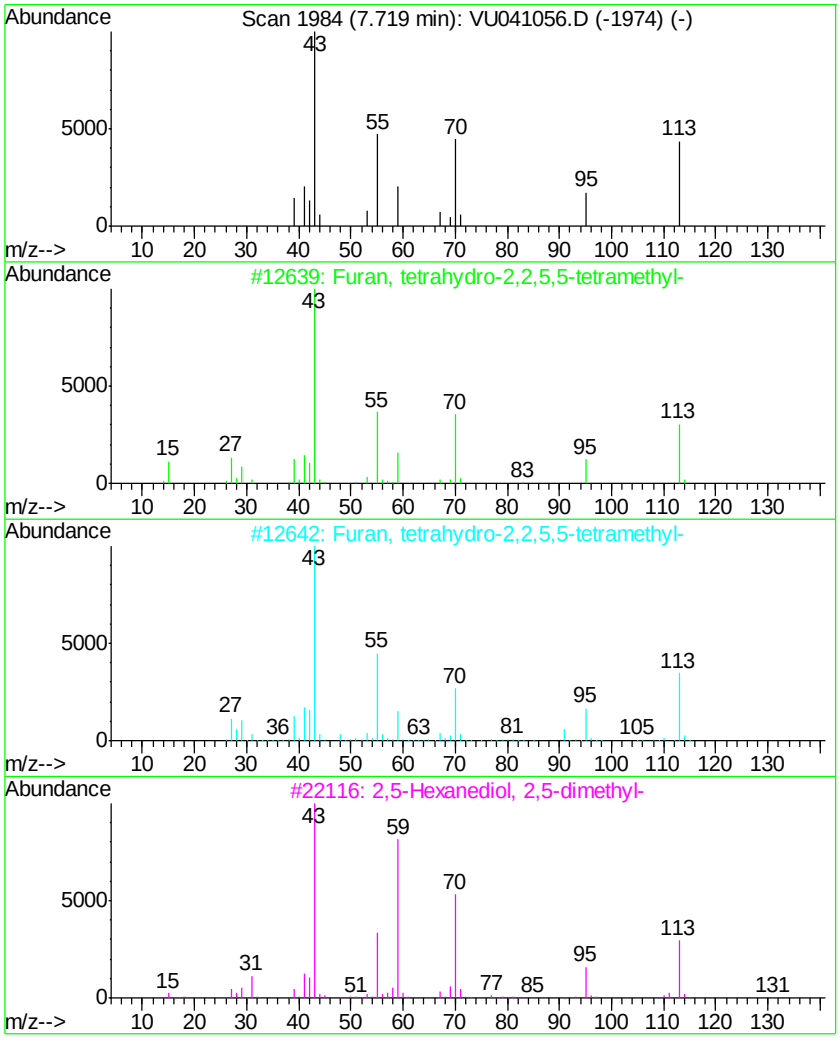
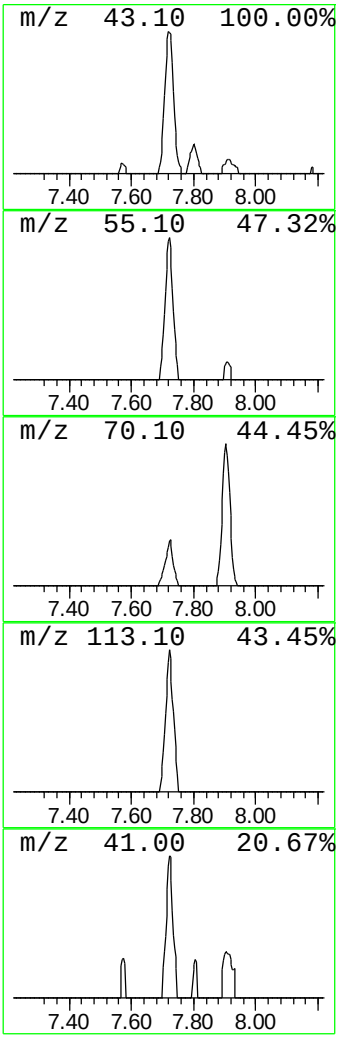
Peak Number 3 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	0.62 ug/L	15780	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	74
2	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	56
3	2,5-Hexanediol, 2,5-dimethyl-	146	C8H18O2	000110-03-2	36
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	27
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	27





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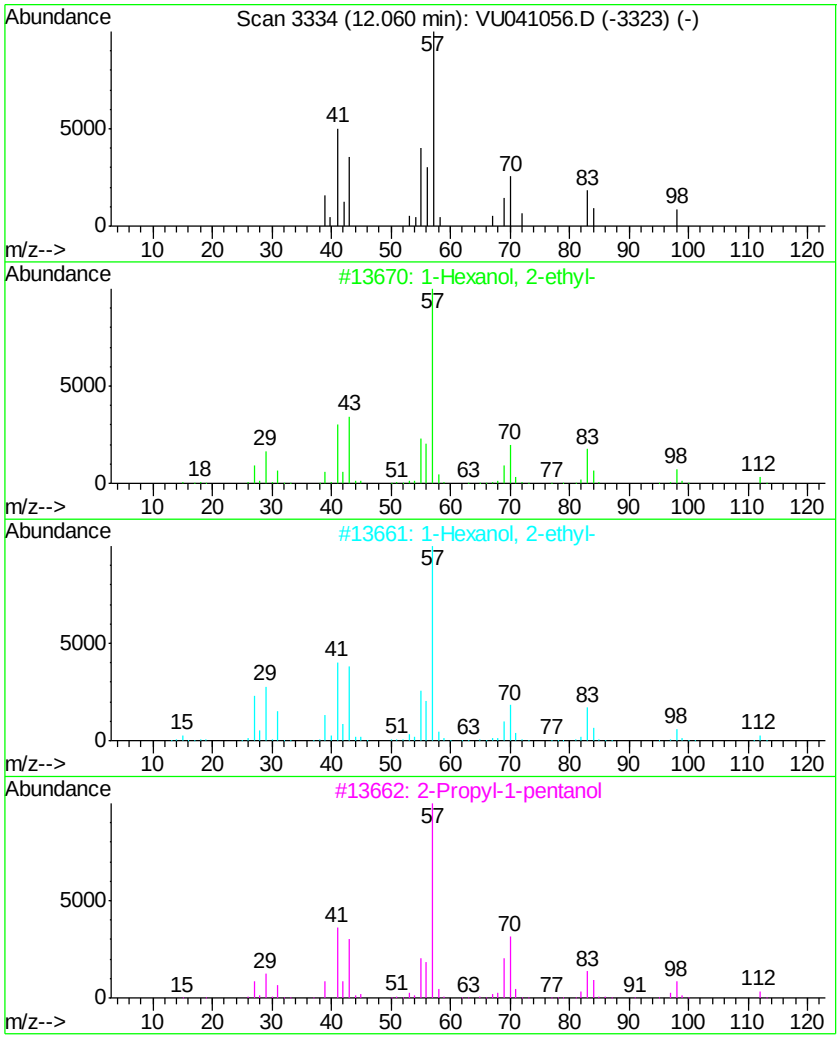
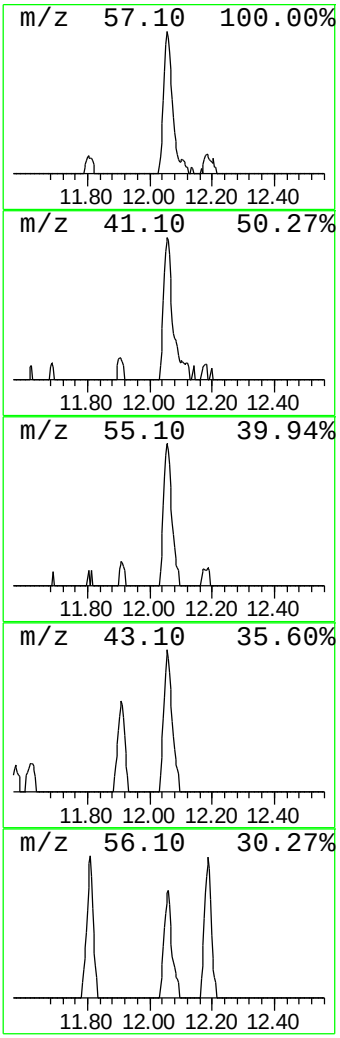
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.59 ug/L	17594	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





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
Propane, 2-chloro-	2.47	1.1	ug/L	28758	1	6.26	127113	5.0
Furan, tetrahydro...	7.72	0.6	ug/L	15780	1	6.26	127113	5.0
1-Hexanol, 2-ethyl-	12.06	0.6	ug/L	17594	3	11.81	148044	5.0