LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110320\
Data File : VU041072.D
Acq On : 03 Nov 2020 12:41
Operator : SY/MD
Sample : L4614-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFST0

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	1.527	51	58	65	rBV	10790	11965	3.93%	0.599%
2	1.607	76	83	91	rVB	27005	29803	9.80%	1.492%
3	1.925	173	182	192	rVB	21289	27226	8.95%	1.363%
4	2.472	342	352	359	rVB3	4064	6105	2.01%	0.306%
5	2.581	374	386	399	rBV	42912	69730	22.92%	3.490%
6	2.658	399	410	433	rVB	7663	19871	6.53%	0.995%
7	2.854	444	471	476	rBV2	6121	21161	6.96%	1.059%
8	4.652	1013	1030	1062	rBV	45091	131496	43.22%	6.582%
9	4.825	1071	1084	1102	rVB2	7429	17164	5.64%	0.859%
10	5.083	1145	1164	1180	rBB2	39400	85518	28.11%	4.281%
11	5.739	1349	1368	1389	rBV2	76186	203209	66.80%	10.172%
12	6.263	1516	1531	1548	rBV	74054	135072	44.40%	6.761%
13	6.703	1655	1668	1682	rBV	50708	95214	31.30%	4.766%
14	7.574	1928	1939	1951	rBV2	24017	41656	13.69%	2.085%
15	7.719	1972	1984	1996	rBV3	6600	11951	3.93%	0.598%
16	7.906	2030	2042	2059	rBV	84367	140673	46.24%	7.042%
17	8.185	2119	2129	2144	rBV	16200	27480	9.03%	1.376%
18	8.639	2258	2270	2295	rBV	172596	304213	100.00%	15.228%
19	9.420	2500	2513	2528	rBV	108959	178950	58.82%	8.958%
20	10.754	2916	2928	2943	rVB	42958	68004	22.35%	3.404%
21	10.889	2962	2970	2979	rBV5	2750	4334	1.42%	0.217%
22	11.806	3243	3255	3269	rVB	97165	154341	50.73%	7.726%
23	12.053	3322	3332	3354	rBV2	30715	57119	18.78%	2.859%
24	12.188	3360	3374	3389	rVB	90182	144736	47.58%	7.245%
25	12.767	3544	3554	3567	rVB2	2731	4378	1.44%	0.219%
26	16.105	4585	4592	4600	rVB5	4681	6343	2.09%	0.318%

Sum of corrected areas: 1997712

LSC Report - Integrated Chromatogram

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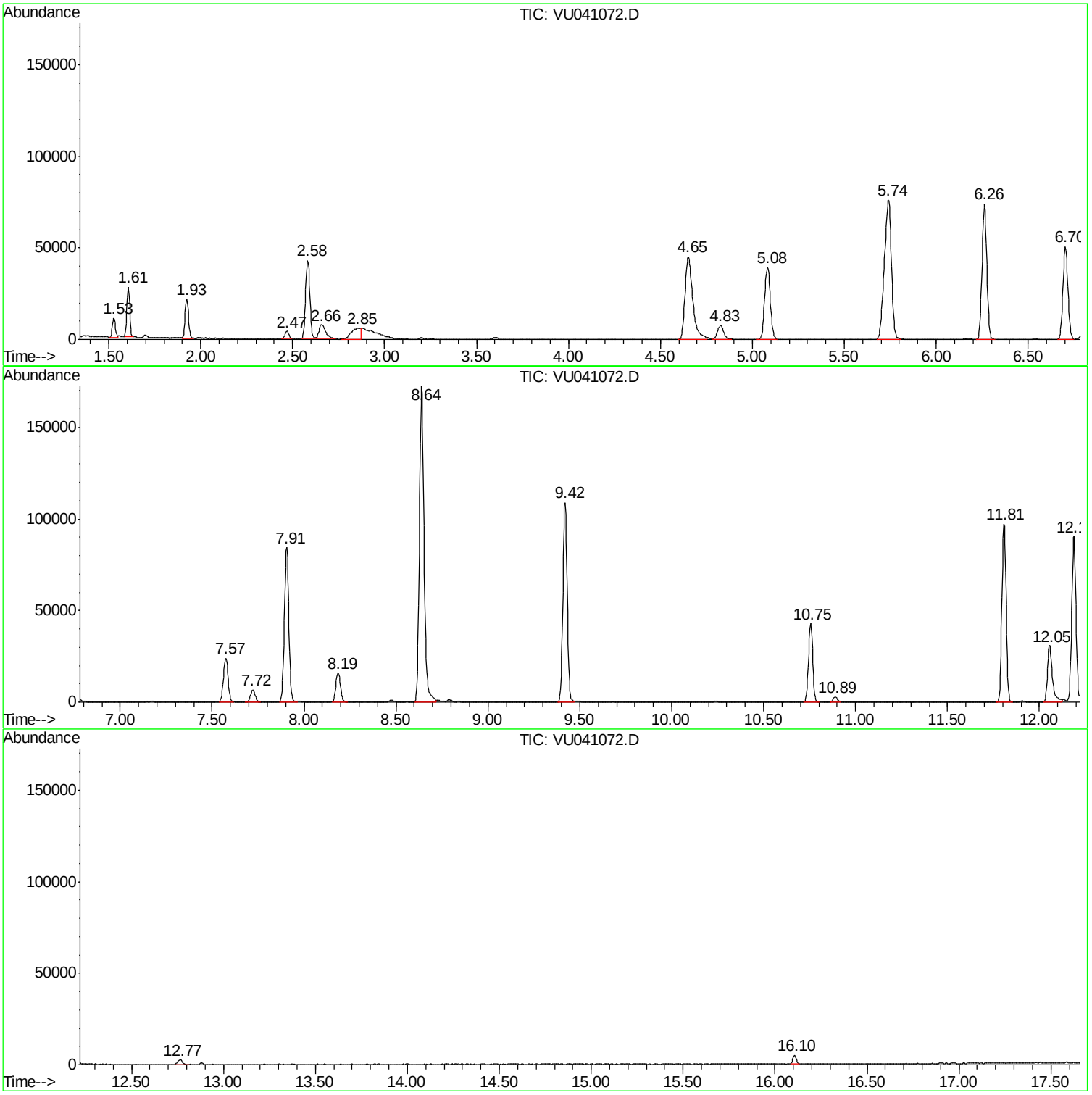
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFST0

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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Quant Title : TRACE VOA SOM01.0

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

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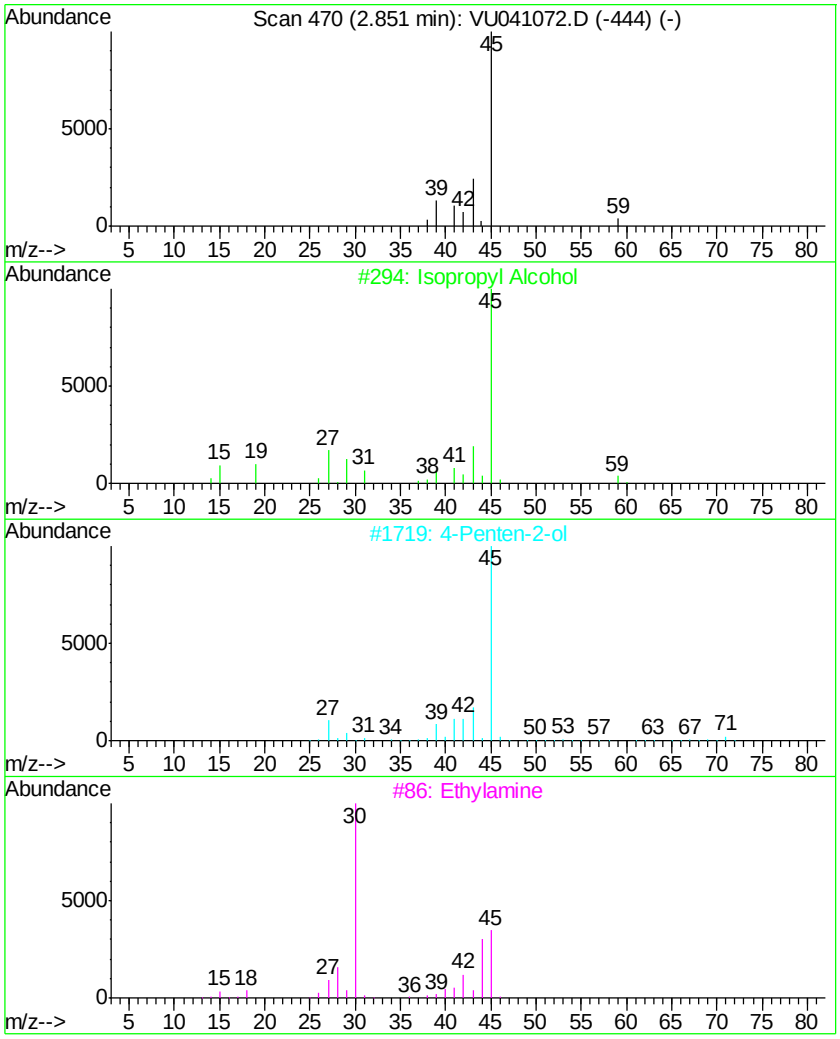
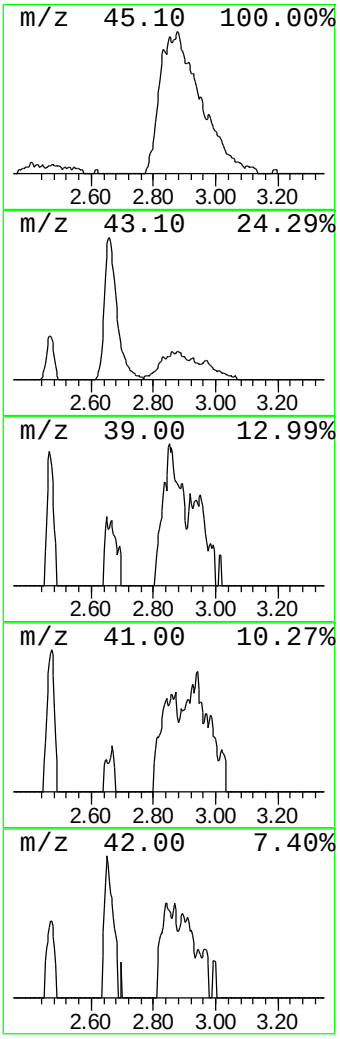
Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.85	0.78 ug/L	21161	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	4-Penten-2-ol	86	C5H10O	000625-31-0	9
3	Ethylamine	45	C2H7N	000075-04-7	5
4	4-Penten-2-ol	86	C5H10O	000625-31-0	4
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	4





Library Search Compound Report

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Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFST0

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

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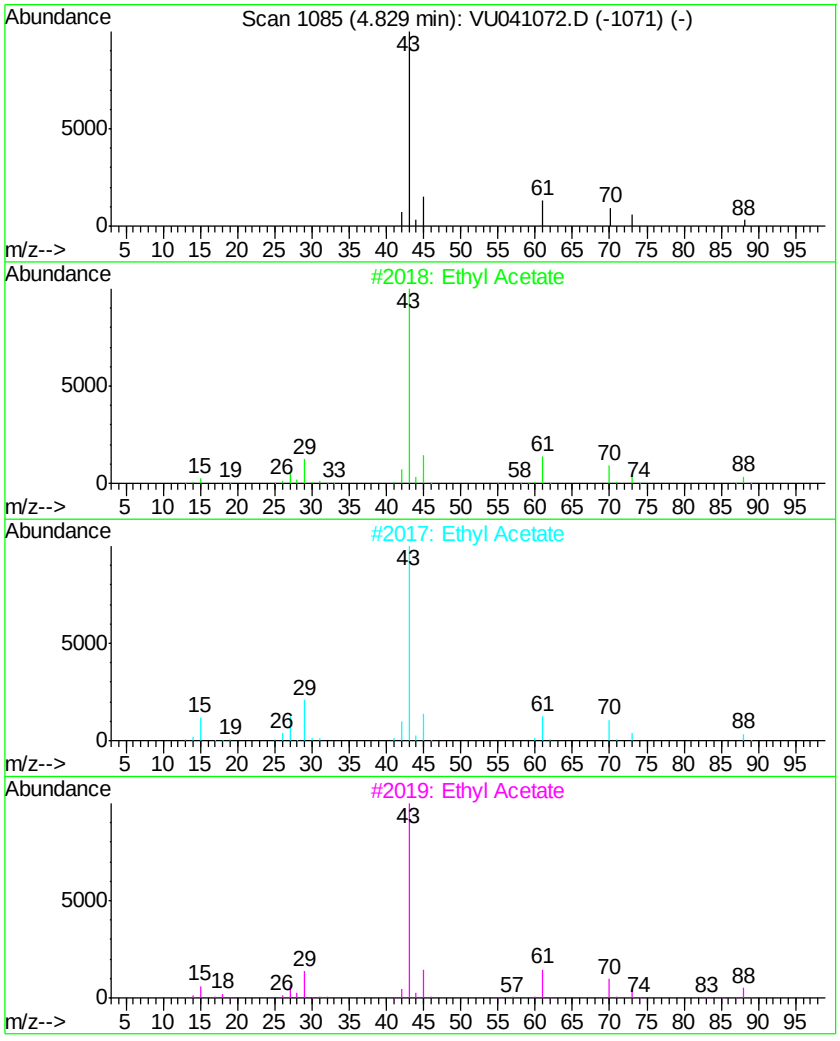
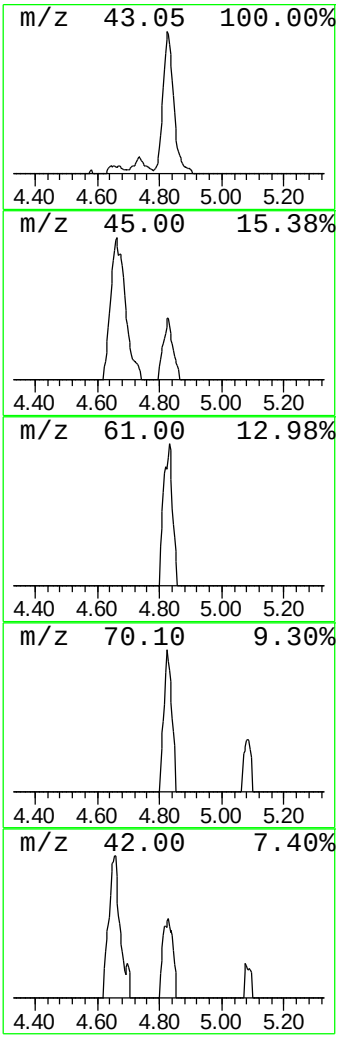
Peak Number 2 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.64 ug/L	17164	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	83
3	Ethyl Acetate	88	C4H8O2	000141-78-6	74
4	Ethyl Acetate	88	C4H8O2	000141-78-6	74
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	42





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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFST0

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

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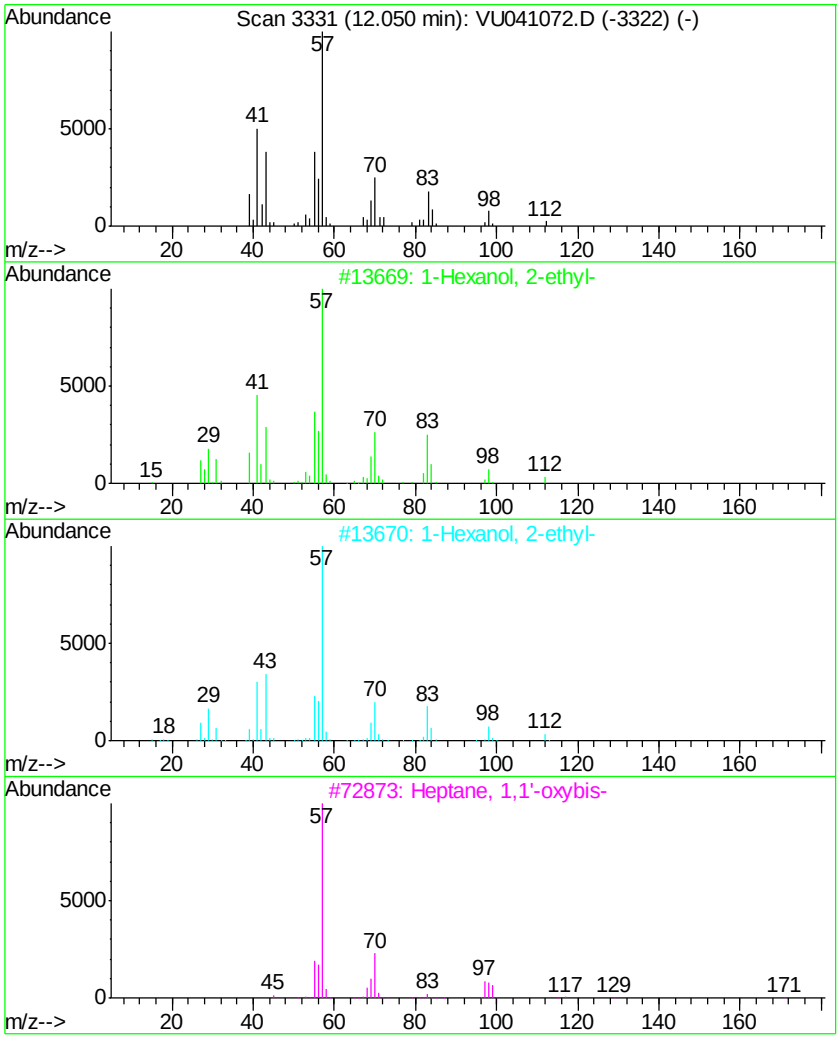
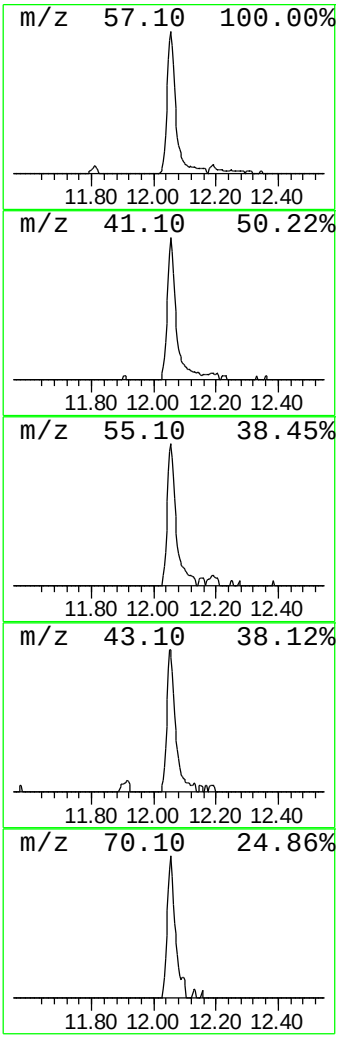
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	1.85 ug/L	57119	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	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





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
Isopropyl Alcohol	2.85	0.8	ug/L	21161	1	6.26	135072	5.0
Ethyl Acetate	4.83	0.6	ug/L	17164	1	6.26	135072	5.0
1-Hexanol, 2-ethyl-	12.05	1.9	ug/L	57119	3	11.81	154341	5.0