LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\
Data File : VU040731.D
Acq On : 15 Oct 2020 19:24
Operator : SY/MD
Sample : L4421-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSS5

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\SOMUTR100820WMA.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	50	58	66	rBV	26161	29815	4.81%	0.709%
2	1.604	74	82	91	rBV	59159	65653	10.60%	1.560%
3	1.922	173	181	193	rVB	50709	67041	10.82%	1.593%
4	2.469	339	351	365	rVB2	22856	36964	5.97%	0.878%
5	2.581	374	386	399	rBV	97522	160638	25.93%	3.818%
6	2.665	400	412	443	rVB	9701	32675	5.27%	0.777%
7	4.658	1014	1032	1072	rBV	75921	264548	42.70%	6.287%
8	4.829	1073	1085	1105	rVB2	14048	35488	5.73%	0.843%
9	5.083	1148	1164	1187	rBV	93902	209131	33.76%	4.970%
10	5.742	1347	1369	1389	rBV3	174806	464839	75.03%	11.047%
11	6.176	1492	1504	1517	rBV	3130	6750	1.09%	0.160%
12	6.263	1517	1531	1550	rVV	143911	267526	43.18%	6.358%
13	6.703	1654	1668	1687	rBV	118154	227988	36.80%	5.418%
14	7.176	1800	1815	1829	rVB5	7844	16622	2.68%	0.395%
15	7.575	1925	1939	1960	rBV	53866	95786	15.46%	2.276%
16	7.722	1977	1985	1995	rVB5	4447	7672	1.24%	0.182%
17	7.906	2028	2042	2058	rBV	191537	324473	52.38%	7.711%
18	8.185	2115	2129	2146	rBV2	35337	60682	9.80%	1.442%
19	8.642	2258	2271	2298	rBV	330703	619518	100.00%	14.724%
20	8.793	2308	2318	2327	rVB3	6912	10729	1.73%	0.255%
21	9.420	2501	2513	2544	rBV	217105	363471	58.67%	8.638%
22	10.758	2915	2929	2944	rVB2	94909	156900	25.33%	3.729%
23	11.809	3243	3256	3273	rBV	192733	308772	49.84%	7.338%
24	12.063	3322	3335	3351	rBV2	16155	36515	5.89%	0.868%
25	12.188	3362	3374	3386	rVB	210933	337461	54.47%	8.020%

Sum of corrected areas: 4207657

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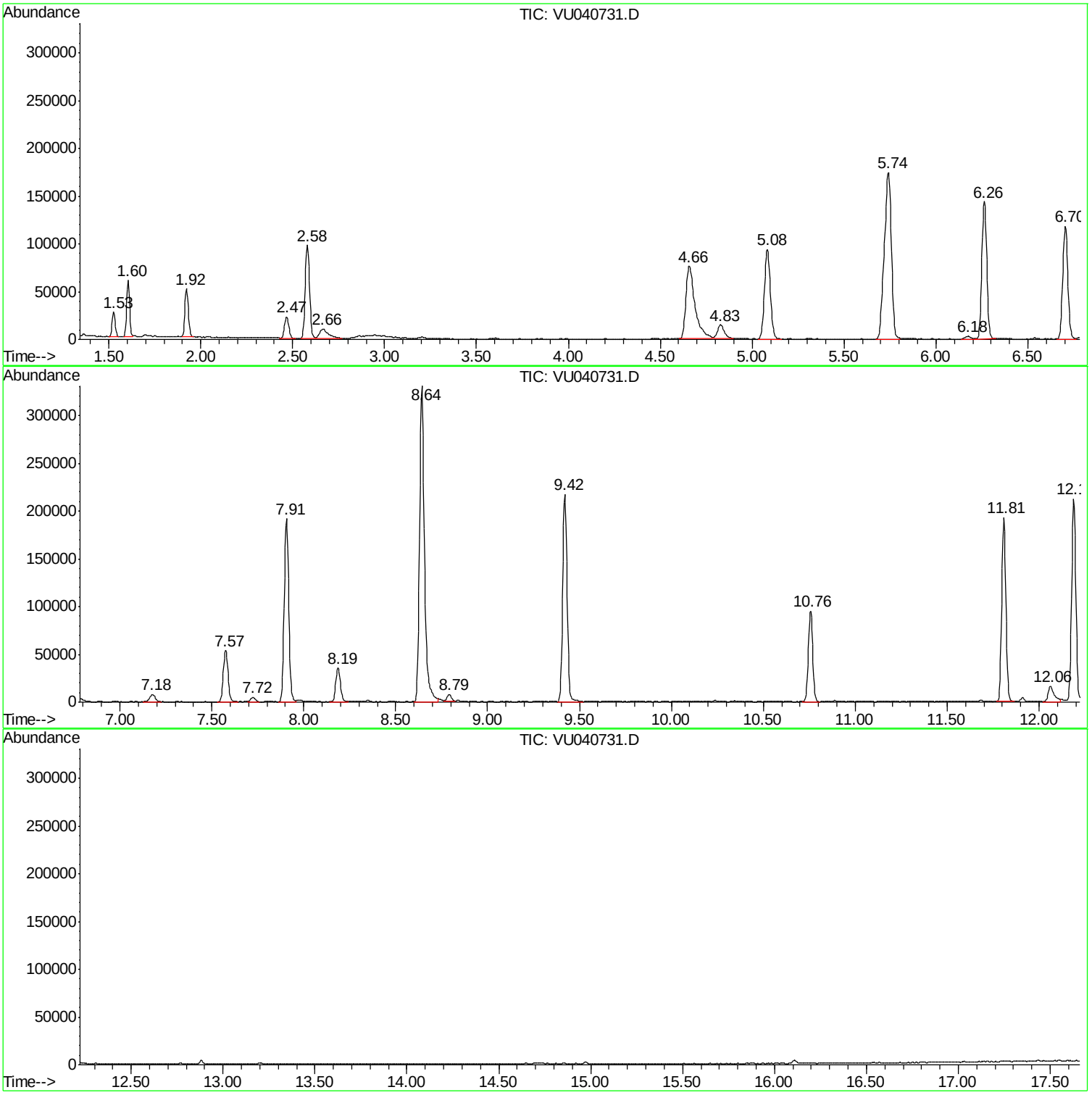
ClientSampleId :
BFSS5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

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



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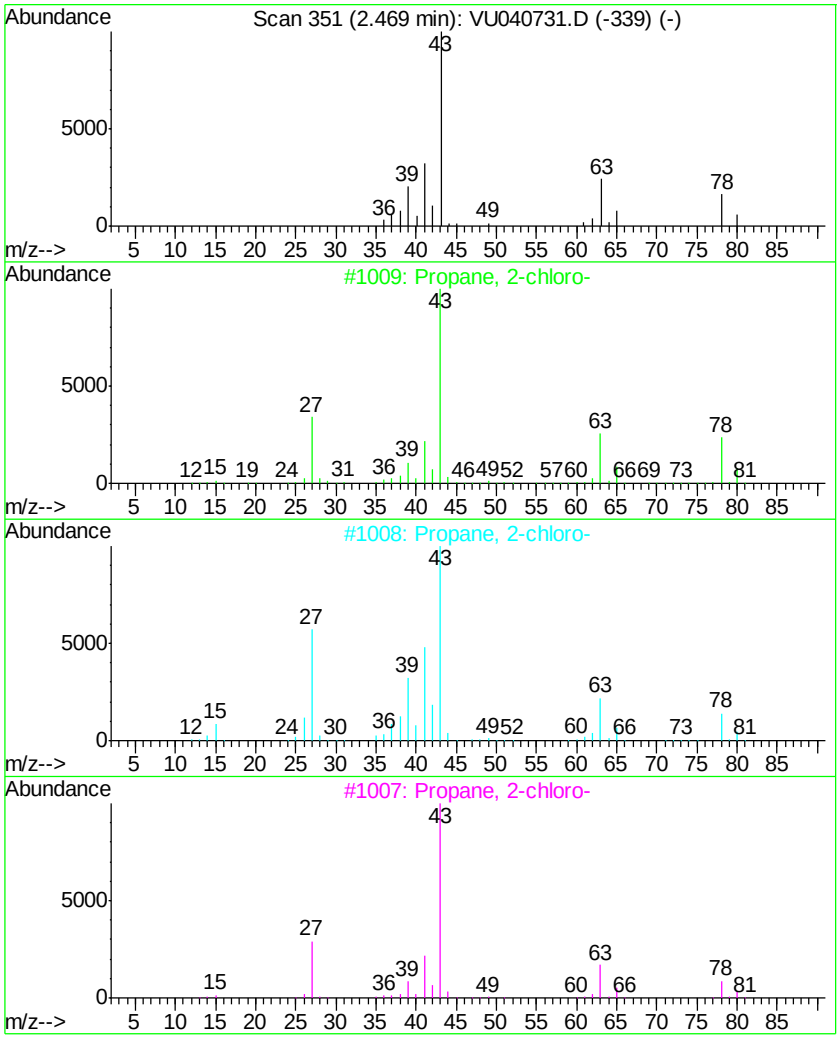
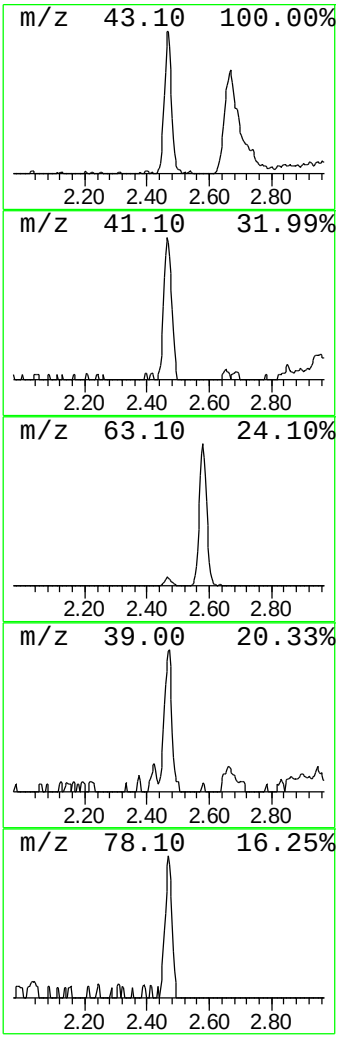
Peak Number 1 Propane, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.69 ug/L	36964	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	90
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	72
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	72
4	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
5	2-Chloroethanol	80	C2H5ClO	000107-07-3	4





Library Search Compound Report

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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSS5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

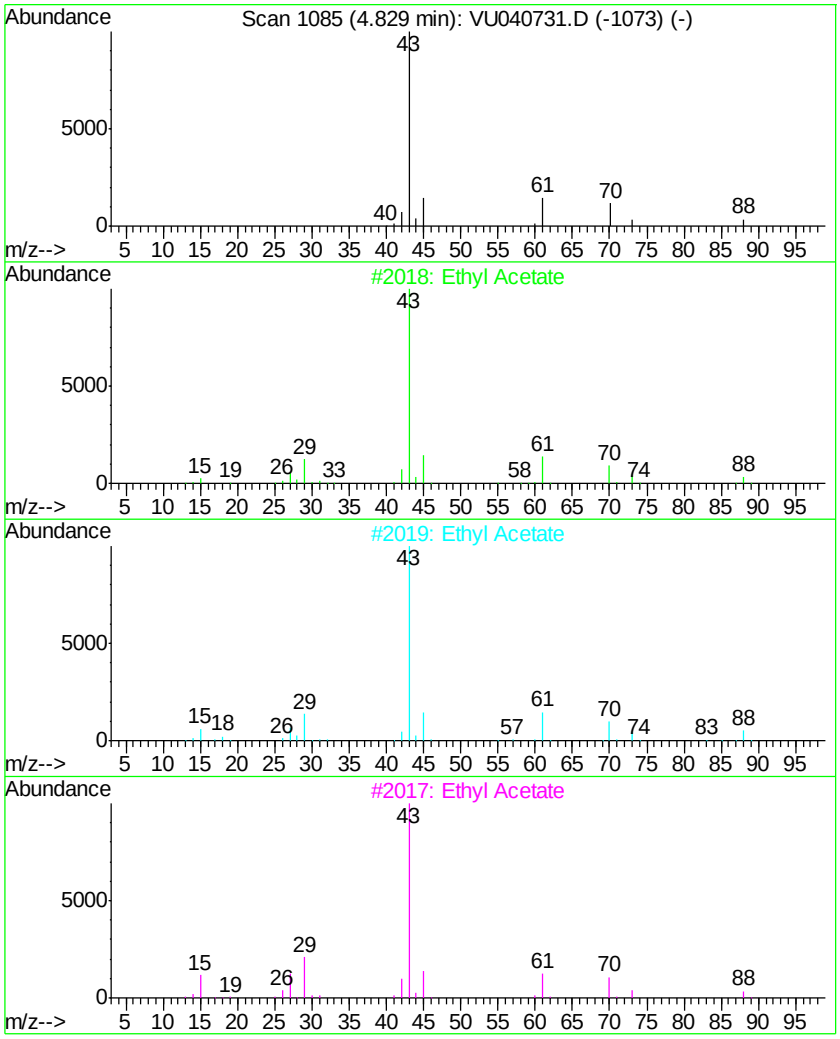
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

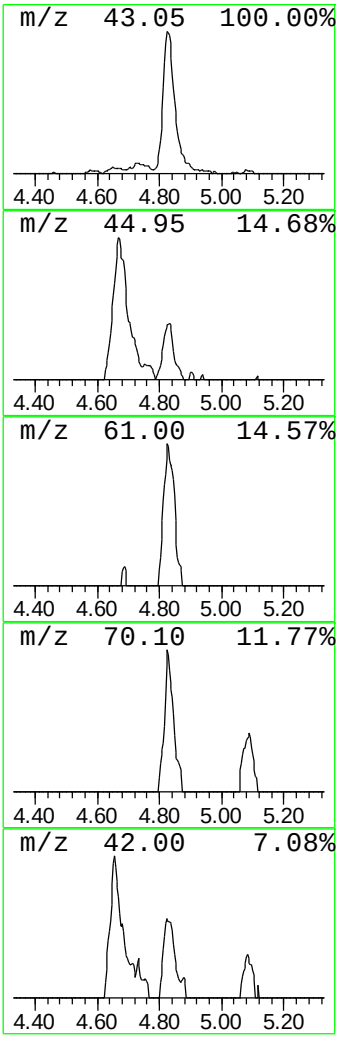
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.66 ug/L	35488	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	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9





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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSS5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

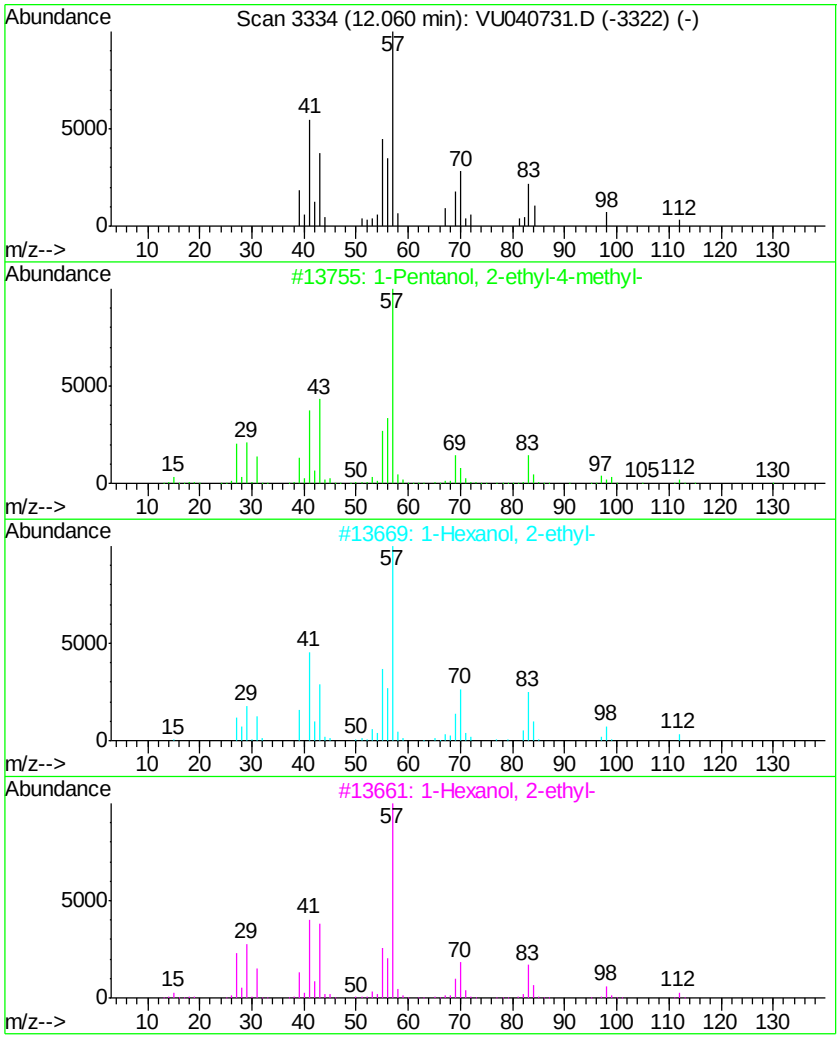
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

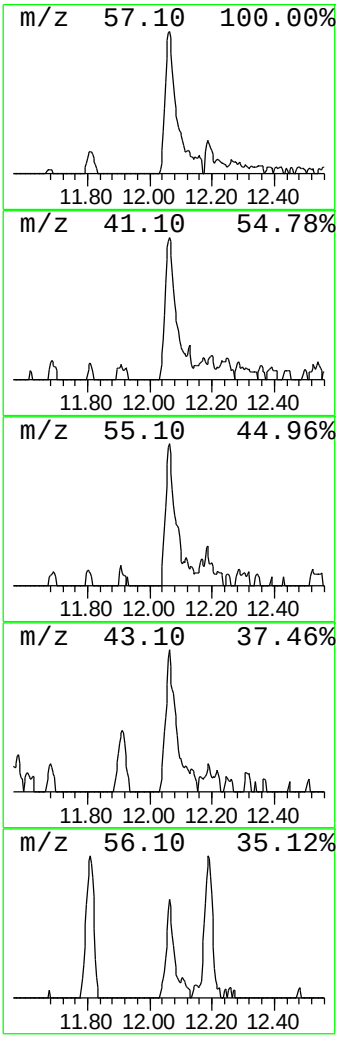
****

Peak Number 4 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.59 ug/L	36515	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
4	Cycloheptane	98	C7H14	000291-64-5	50
5	1-Heptene	98	C7H14	000592-76-7	47





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
Propane, 2-chloro-	2.47	0.7	ug/L	36964	1	6.26	267526	5.0
Ethyl Acetate	4.83	0.7	ug/L	35488	1	6.26	267526	5.0
1-Pentanol, 2-eth...	12.06	0.6	ug/L	36515	3	11.81	308772	5.0