LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
Data File : VV016345.D
Acq On : 30 May 2020 05:37
Operator : SY/MD
Sample : L2788-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXA8

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\SOMVTR052620WMA.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	1.113	3	7	18	rVB	29431	26724	10.27%	1.144%
2	1.315	62	70	80	rVB	39391	40297	15.48%	1.726%
3	1.579	144	152	161	rBV	28023	34046	13.08%	1.458%
4	2.119	310	320	333	rBV	59238	86677	33.30%	3.712%
5	2.778	516	525	539	rVB6	3801	8309	3.19%	0.356%
6	3.052	597	610	622	rBV4	6180	13255	5.09%	0.568%
7	3.206	650	658	672	rVB3	3677	7343	2.82%	0.314%
8	3.778	822	836	850	rVB4	6941	16797	6.45%	0.719%
9	3.981	877	899	917	rBV3	11772	61310	23.55%	2.626%
10	4.132	934	946	993	rVB3	29763	110676	42.52%	4.740%
11	4.376	1005	1022	1051	rBV2	45761	127686	49.06%	5.468%
12	4.698	1111	1122	1129	rBV5	2624	5517	2.12%	0.236%
13	5.071	1223	1238	1263	rBV4	109807	260285	100.00%	11.147%
14	5.640	1402	1415	1437	rBV	93632	189875	72.95%	8.131%
15	5.942	1498	1509	1525	rVB4	5407	10698	4.11%	0.458%
16	6.097	1543	1557	1573	rBV2	60103	121036	46.50%	5.183%
17	6.502	1672	1683	1712	rBV	44613	99070	38.06%	4.243%
18	7.010	1831	1841	1859	rBV2	25216	45843	17.61%	1.963%
19	7.338	1932	1943	1962	rBV	122871	212030	81.46%	9.080%
20	7.646	2028	2039	2053	rBV2	14779	25225	9.69%	1.080%
21	8.000	2142	2149	2156	rBV4	2513	3877	1.49%	0.166%
22	8.122	2176	2187	2215	rBV	111044	229491	88.17%	9.828%
23	8.875	2409	2421	2437	rBV	140863	228234	87.69%	9.774%
24	10.241	2834	2846	2860	rBV	35529	55423	21.29%	2.374%
25	11.270	3154	3166	3183	rBV	110271	168990	64.92%	7.237%
26	11.646	3273	3283	3303	rVB	90775	139872	53.74%	5.990%
27	13.530	3860	3869	3879	rBV	4278	6477	2.49%	0.277%

Sum of corrected areas: 2335063

LSC Report - Integrated Chromatogram

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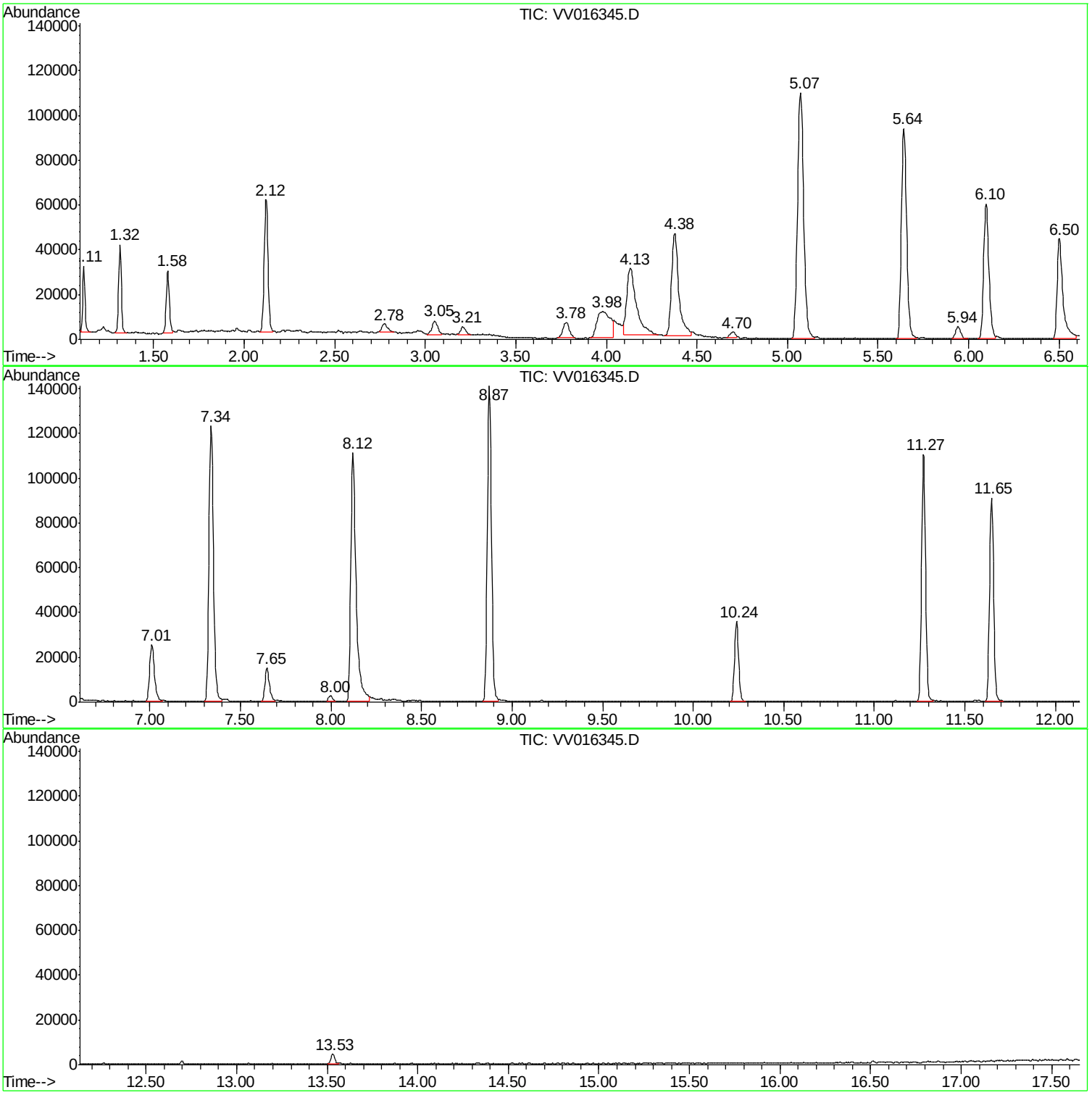
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXA8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.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

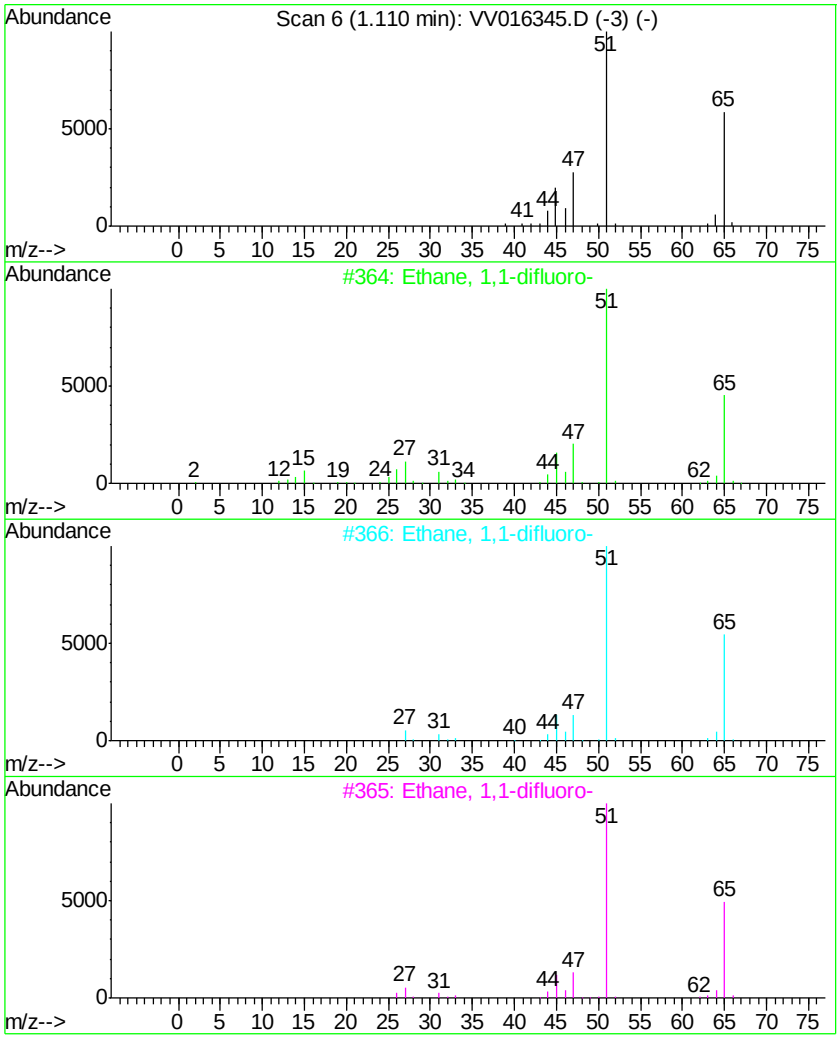
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

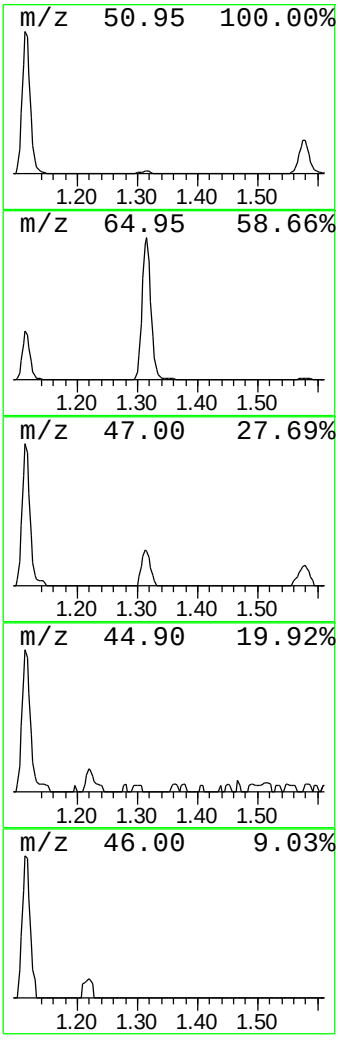
****

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	0.70 ug/L	26724	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	83
4	Propiolonitrile	51	C3HN	001070-71-9	3
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2





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Instrument : MSVOA_V
ClientSampleId : BFXA8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

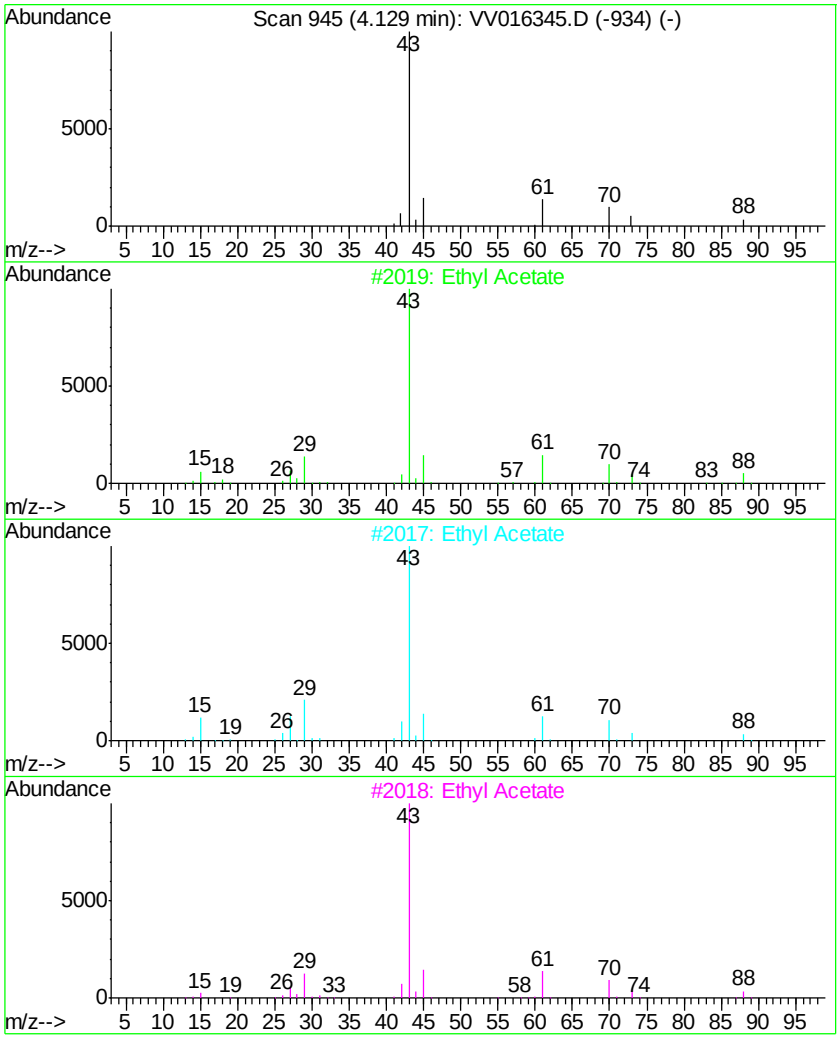
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

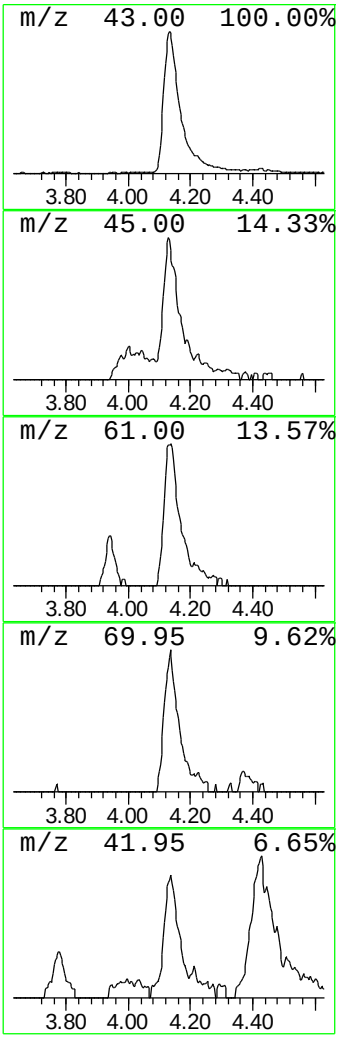
****

Peak Number 2 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	2.91 ug/L	110676	1,4-Difluorobenzene	5.64

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	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38





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ClientSampleId : BFXA8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0

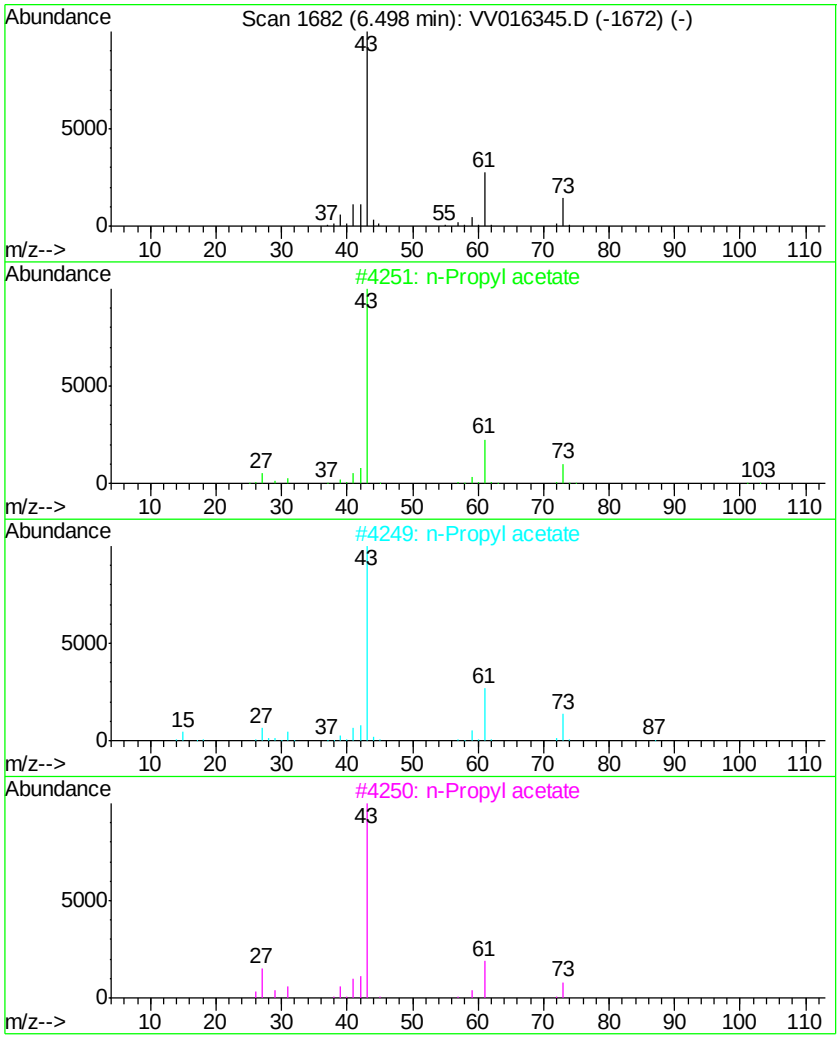
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

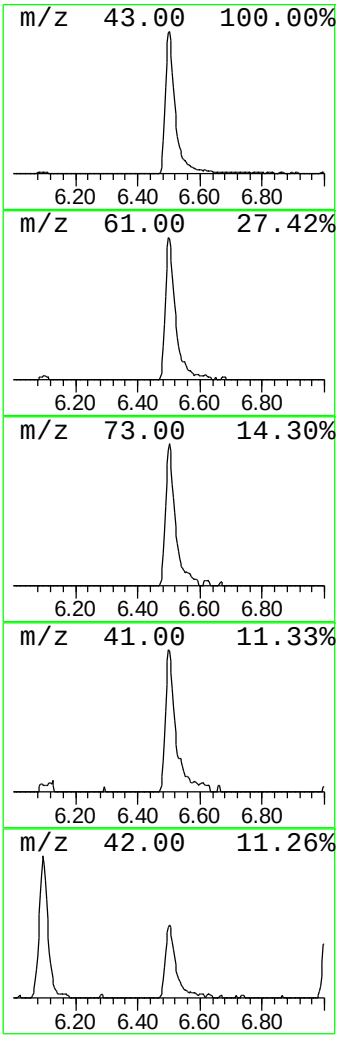
****

Peak Number 3 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	2.61 ug/L	99070	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	83
3	n-Propyl acetate	102	C5H10O2	000109-60-4	59
4	Isobutyl acetate	116	C6H12O2	000110-19-0	9
5	Acetic acid, pentyl ester	130	C7H14O2	000628-63-7	9





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
Ethane, 1,1-diflu...	1.11	0.7	ug/L	26724	1	5.64	189875	5.0
Ethyl Acetate	4.13	2.9	ug/L	110676	1	5.64	189875	5.0
n-Propyl acetate	6.50	2.6	ug/L	99070	1	5.64	189875	5.0