LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
Data File : VU032892.D
Acq On : 20 Jun 2019 11:01
Operator : JC/SP
Sample : K3414-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM7

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\SOMUTR060419WMA.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	1.395	88	95	105	rBV	39094	40795	10.56%	1.368%
2	1.678	175	183	194	rBV	34161	42060	10.89%	1.411%
3	2.270	355	367	377	rBV	68780	104700	27.11%	3.512%
4	2.932	562	573	588	rBV	38072	72495	18.77%	2.432%
5	3.238	666	668	681	rVB7	2248	4179	1.08%	0.140%
6	4.186	949	963	987	rBV	57006	152421	39.46%	5.113%
7	4.389	1015	1026	1046	rBV	15256	36083	9.34%	1.210%
8	4.640	1089	1104	1122	rBV	57230	132831	34.39%	4.456%
9	5.331	1294	1319	1346	rBV2	107513	303730	78.64%	10.189%
10	5.881	1477	1490	1512	rBV	108589	212876	55.12%	7.141%
11	6.325	1611	1628	1645	rBV	73261	149578	38.73%	5.018%
12	7.222	1895	1907	1923	rBV	39563	71548	18.52%	2.400%
13	7.559	2000	2012	2026	rBV	140748	244319	63.26%	8.196%
14	7.633	2026	2035	2049	rVB2	14735	26523	6.87%	0.890%
15	7.845	2088	2101	2114	rBV	23174	41748	10.81%	1.400%
16	8.173	2192	2203	2215	rVB2	4335	8547	2.21%	0.287%
17	8.308	2233	2245	2272	rBV	210259	386227	100.00%	12.956%
18	9.083	2474	2486	2507	rBV	162221	273212	70.74%	9.165%
19	10.427	2891	2904	2918	rBV	64479	102704	26.59%	3.445%
20	10.604	2950	2959	2974	rVB2	9199	14250	3.69%	0.478%
21	11.479	3213	3231	3254	rBV	171024	284108	73.56%	9.530%
22	11.855	3334	3348	3375	rBV	151668	255013	66.03%	8.554%
23	12.475	3533	3541	3556	rVB3	3577	6373	1.65%	0.214%
24	14.273	4093	4100	4112	rVB2	6120	9750	2.52%	0.327%
25	15.877	4591	4599	4608	rBV6	2930	5017	1.30%	0.168%

Sum of corrected areas: 2981087

LSC Report - Integrated Chromatogram

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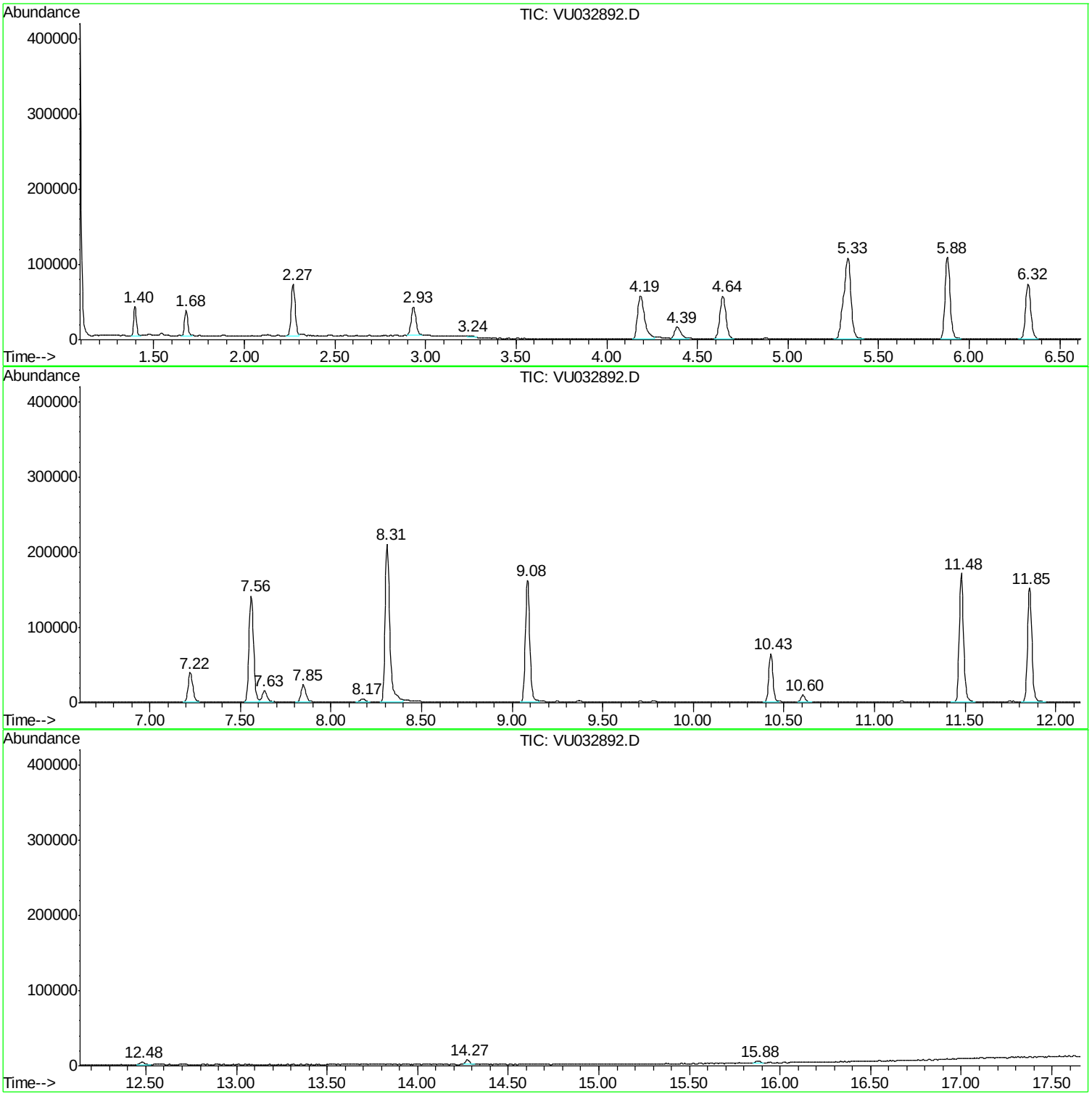
Instrument : MSVOA_U
ClientSampleId : GALM7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.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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Data File : VU032892.D
Acq On : 20 Jun 2019 11:01
Operator : JC/SP
Sample : K3414-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

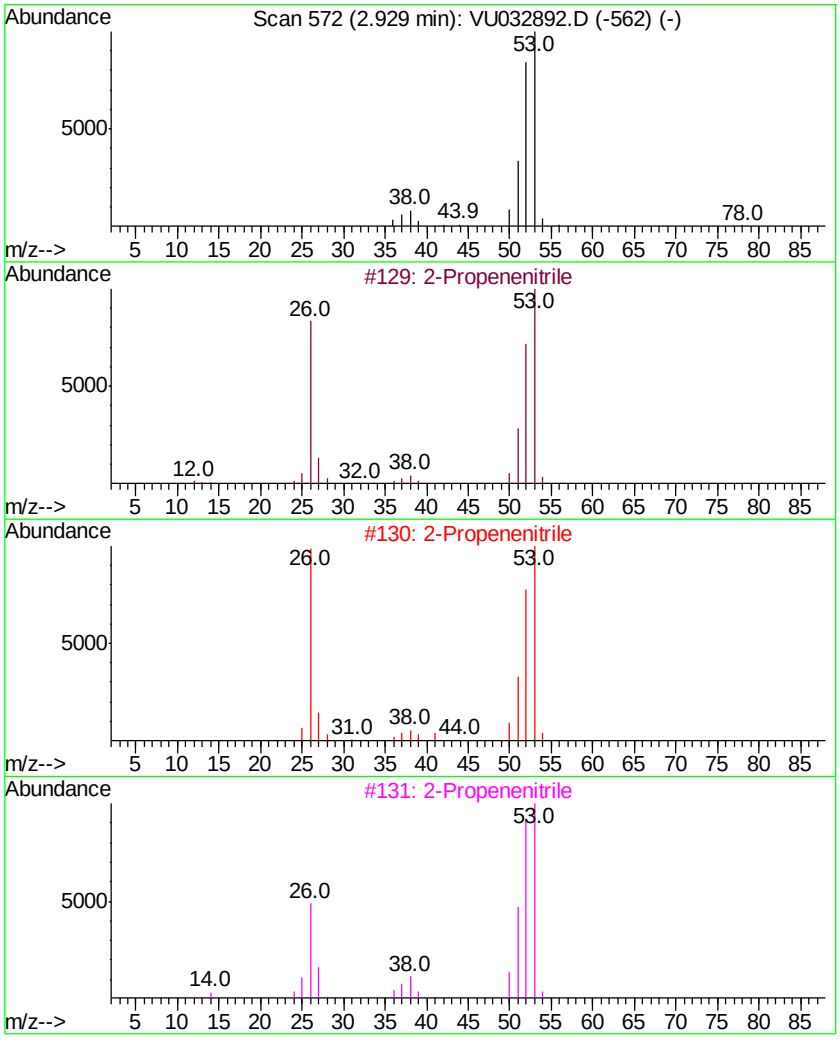
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

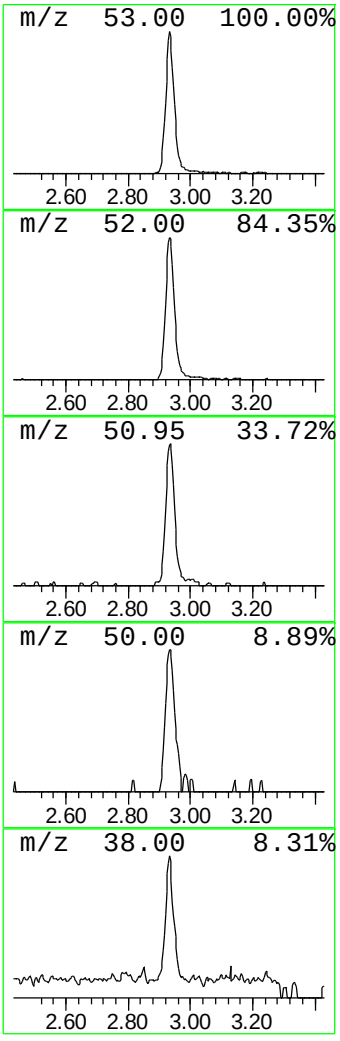
****

Peak Number 1 2-Propenenitrile Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	1.70 ug/L	72495	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenenitrile	53	C3H3N	000107-13-1	90
2	2-Propenenitrile	53	C3H3N	000107-13-1	90
3	2-Propenenitrile	53	C3H3N	000107-13-1	74
4	1-Buten-3-yne	52	C4H4	000689-97-4	9
5	1-Buten-3-yne	52	C4H4	000689-97-4	9





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Instrument : MSVOA_U
ClientSampleId : GALM7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

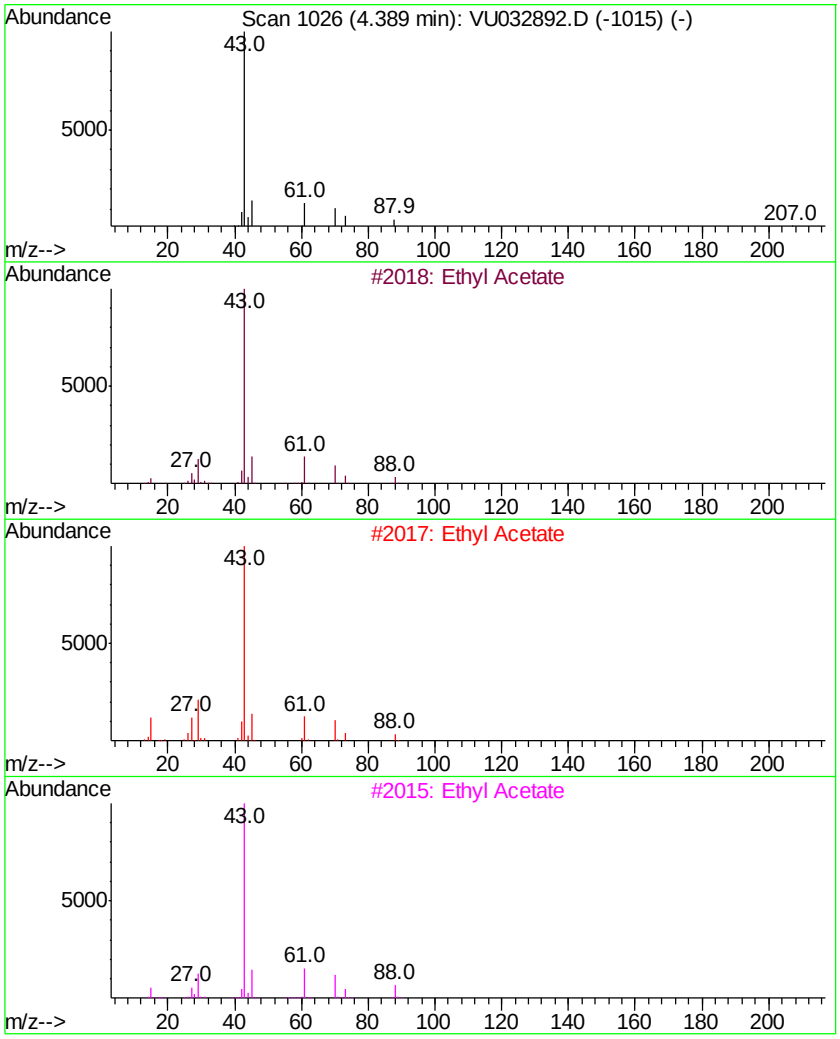
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

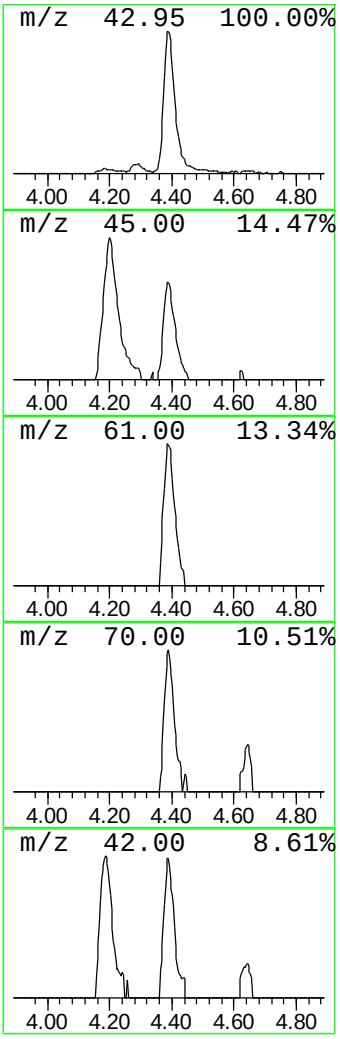
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	0.85 ug/L	36083	1,4-Difluorobenzene	5.88

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	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_U
ClientSampleId : GALM7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
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
2-Propenenitrile	2.93	1.7	ug/L	72495	1	5.88	212876	5.0
Ethyl Acetate	4.39	0.8	ug/L	36083	1	5.88	212876	5.0