LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
Data File : VU032862.D
Acq On : 19 Jun 2019 16:53
Operator : JC/SP
Sample : K3413-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG4

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	1.180	21	28	46	rVB	247600	233333	54.85%	5.863%
2	1.302	60	66	77	rVB2	19013	20763	4.88%	0.522%
3	1.395	86	95	108	rVB3	125705	173008	40.67%	4.347%
4	1.678	174	183	194	rBV	45472	57581	13.53%	1.447%
5	1.755	199	207	220	rVB3	17393	23686	5.57%	0.595%
6	1.900	242	252	259	rBV	27539	37578	8.83%	0.944%
7	1.942	259	265	283	rVB	20166	29858	7.02%	0.750%
8	2.270	356	367	377	rBV	84872	128314	30.16%	3.224%
9	2.321	378	383	396	rVB3	5486	7642	1.80%	0.192%
10	2.993	584	592	603	rVB6	6787	13965	3.28%	0.351%
11	3.183	643	651	665	rVB4	7393	15456	3.63%	0.388%
12	3.286	677	683	697	rVB4	5361	10450	2.46%	0.263%
13	4.183	945	962	992	rBV	62908	169534	39.85%	4.260%
14	4.386	1012	1025	1054	rVB	30318	73113	17.19%	1.837%
15	4.640	1088	1104	1130	rVB2	69113	171475	40.31%	4.309%
16	5.331	1298	1319	1342	rBV2	131638	372003	87.44%	9.348%
17	5.881	1476	1490	1511	rBV	120520	238729	56.12%	5.999%
18	6.324	1615	1628	1649	rBV2	88912	176025	41.38%	4.423%
19	7.225	1896	1908	1923	rBV2	45904	85492	20.10%	2.148%
20	7.559	1997	2012	2028	rBV	171394	298186	70.09%	7.493%
21	7.848	2089	2102	2118	rBV2	28572	51235	12.04%	1.287%
22	8.221	2207	2218	2234	rVB	77056	129432	30.42%	3.252%
23	8.308	2234	2245	2278	rBV	226967	425426	100.00%	10.690%
24	9.083	2472	2486	2511	rBV	179437	304060	71.47%	7.640%
25	10.427	2892	2904	2920	rBV	72748	117633	27.65%	2.956%
26	11.479	3219	3231	3253	rBV	185541	309968	72.86%	7.789%
27	11.855	3336	3348	3367	rBV	183051	305639	71.84%	7.680%

Sum of corrected areas: 3979584

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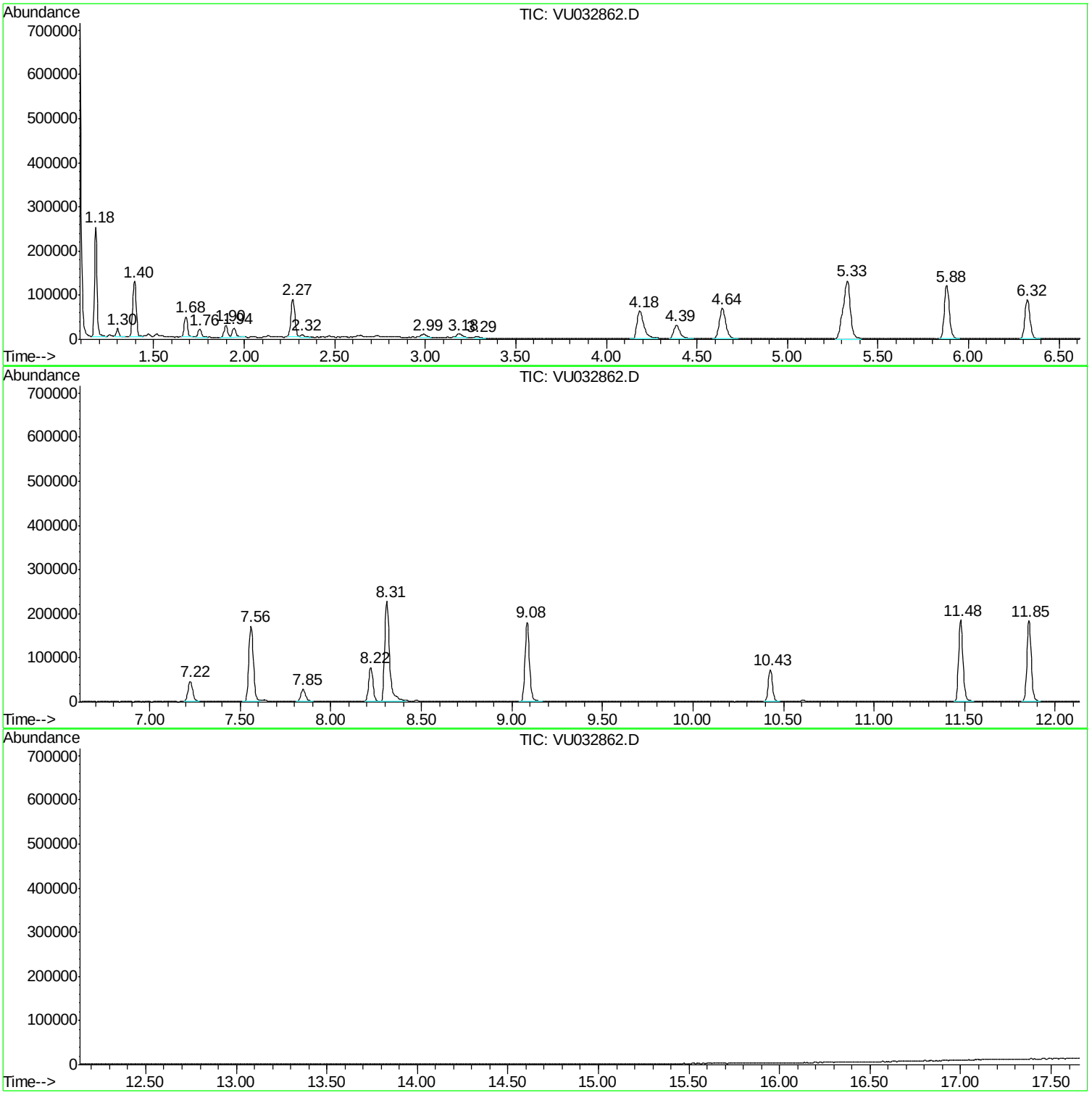
ClientSampleId : GALG4

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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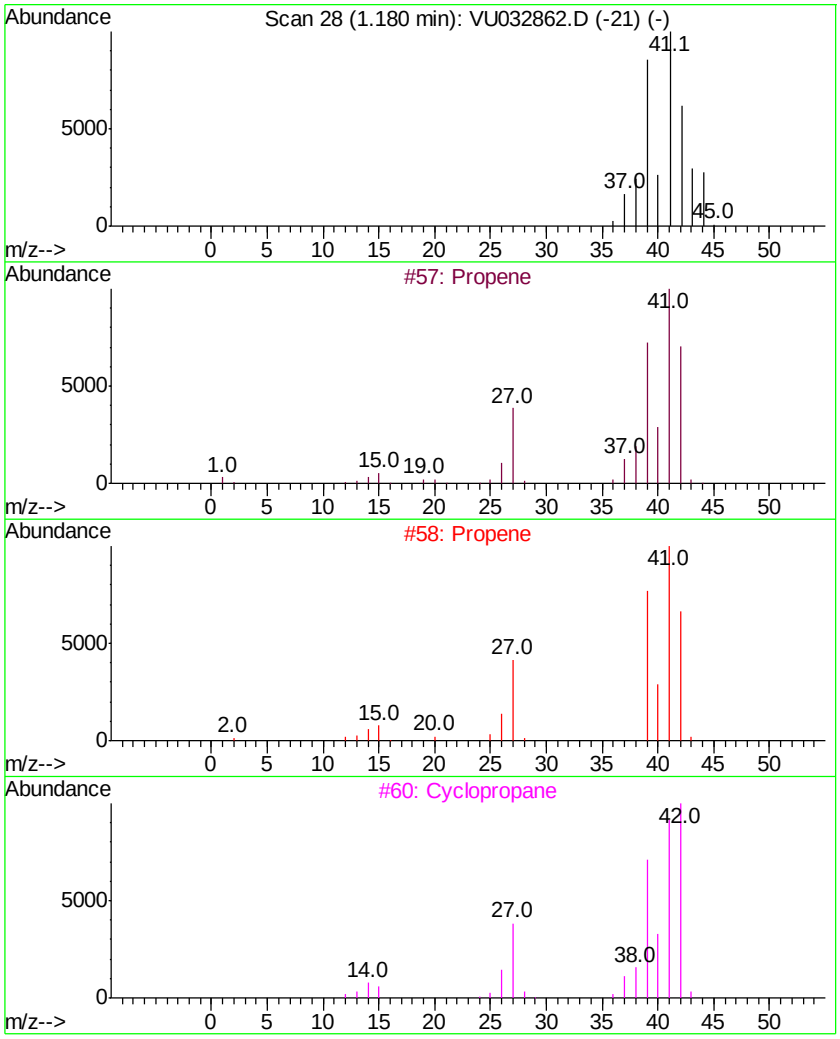
Quant Title : TRACE VOA SOM01.0

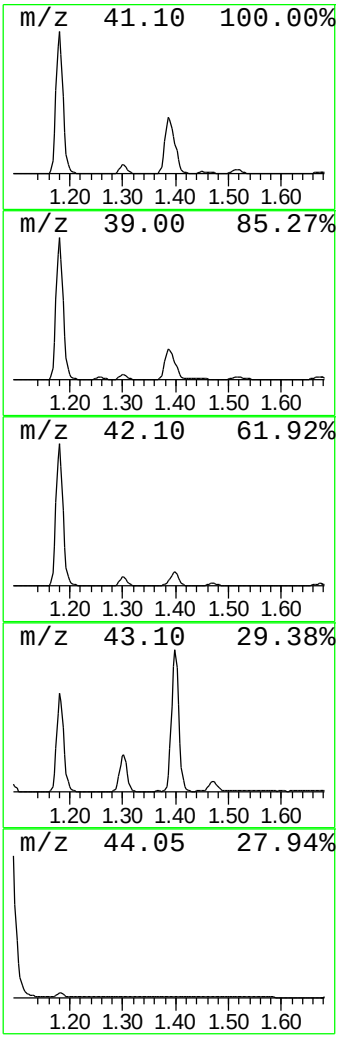
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	4.89 ug/L	233333	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	7
4	Cyclopropene	40	C3H4	002781-85-3	5
5	Cyclopropane	42	C3H6	000075-19-4	4





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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALG4

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

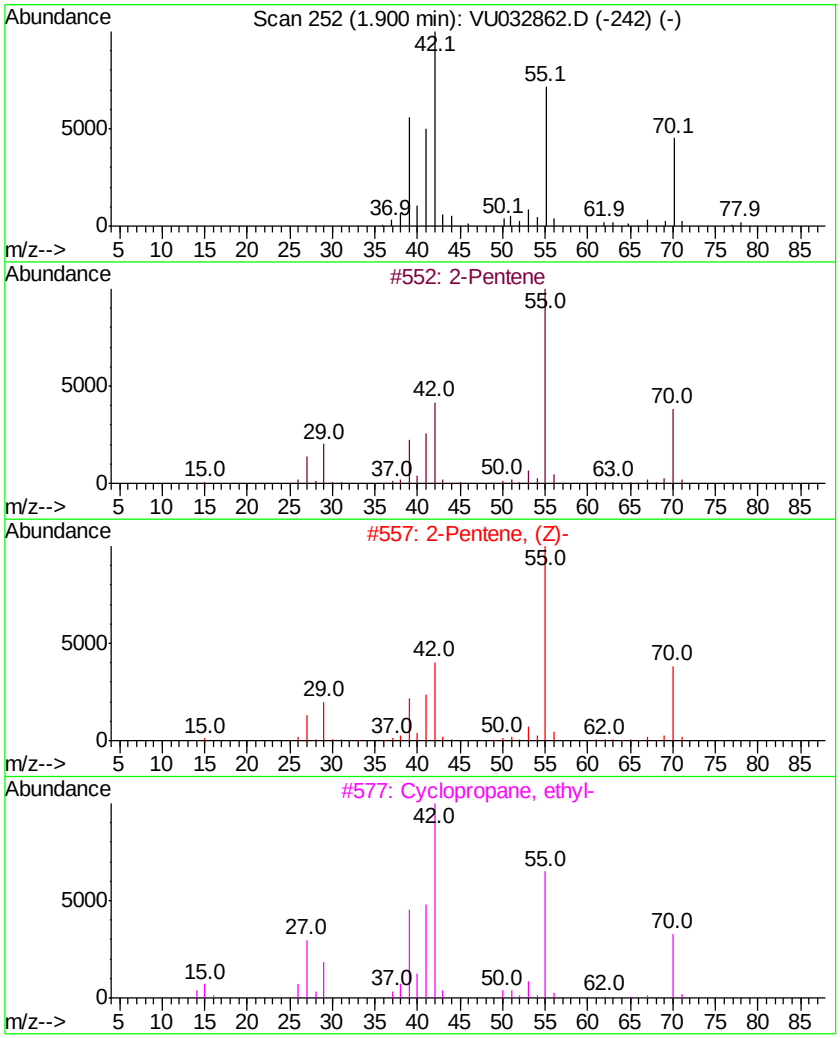
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

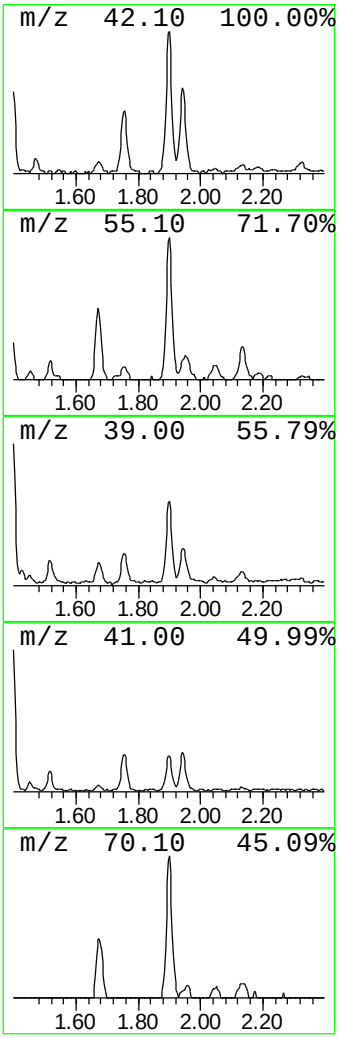
****

Peak Number 2 2-Pentene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	0.79 ug/L	37578	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	87
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	1-Pentene	70	C5H10	000109-67-1	64





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Instrument : MSVOA_U
ClientSampleId : GALG4

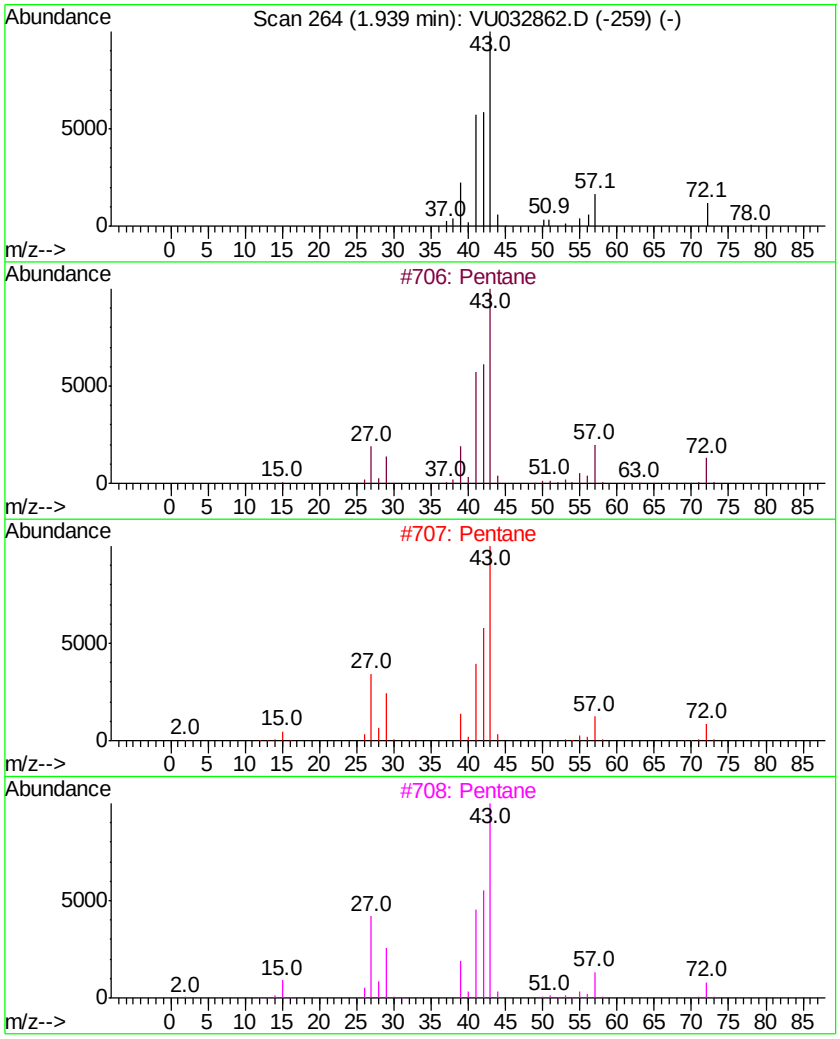
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

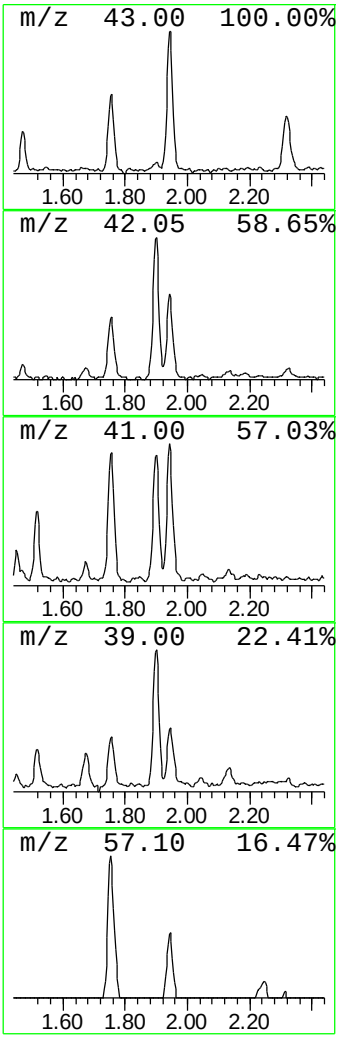
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	0.63 ug/L	29858	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





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Instrument : MSVOA_U
ClientSampleId : GALG4

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

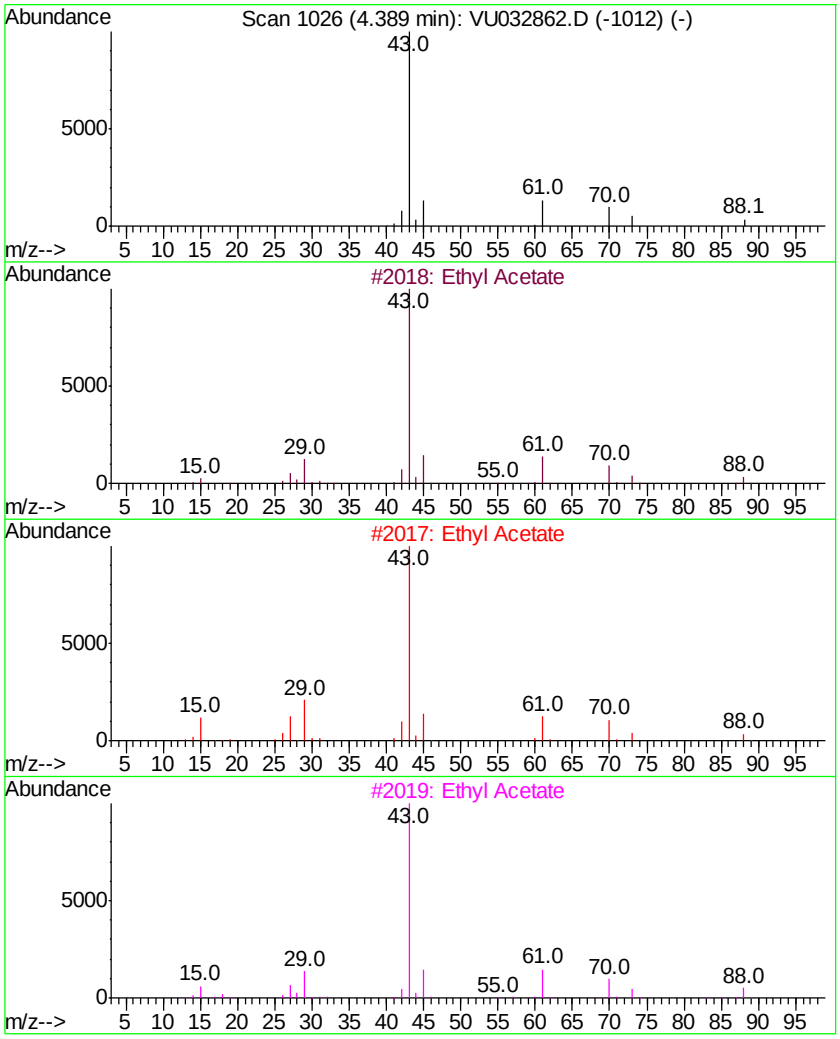
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

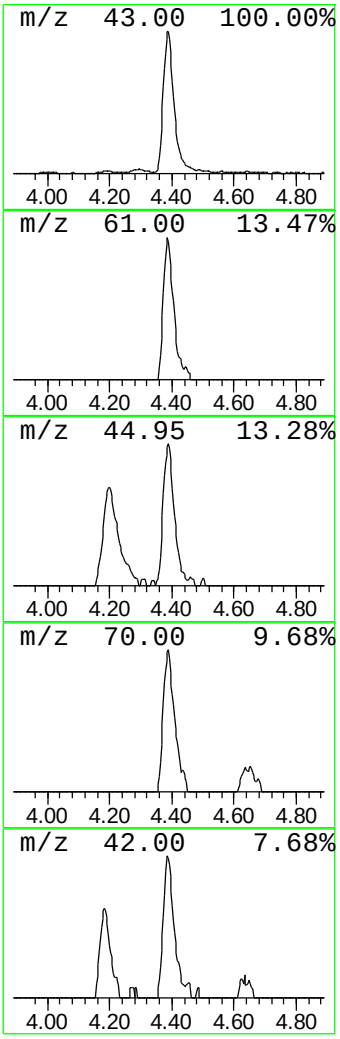
****

Peak Number 4 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	1.53 ug/L	73113	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	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	28





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_U
ClientSampleId : GALG4

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
(DEL) Alkane: Str...	1.18	4.9	ug/L	233333	1	5.88	238729	5.0
2-Pentene	1.90	0.8	ug/L	37578	1	5.88	238729	5.0
(DEL) Alkane: Str...	1.94	0.6	ug/L	29858	1	5.88	238729	5.0
Ethyl Acetate	4.39	1.5	ug/L	73113	1	5.88	238729	5.0