LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
Data File : VU032719.D
Acq On : 14 Jun 2019 01:29
Operator : JC/SP
Sample : K3364-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M55

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	1.325	68	73	85	rVB	31648	37232	9.32%	1.038%
2	1.396	89	95	102	rVV	40745	41009	10.26%	1.143%
3	1.470	111	118	130	rBV	139924	162567	40.69%	4.532%
4	1.669	175	180	193	rVB	35675	47989	12.01%	1.338%
5	2.267	358	366	376	rVB2	73867	108158	27.07%	3.015%
6	2.444	412	421	435	rVB	48106	89589	22.42%	2.498%
7	3.624	777	788	802	rBV4	4333	10908	2.73%	0.304%
8	4.180	945	961	984	rBV	61289	163489	40.92%	4.558%
9	4.640	1088	1104	1125	rVB	60557	140315	35.12%	3.912%
10	5.328	1296	1318	1338	rBV4	115083	327036	81.85%	9.117%
11	5.775	1443	1457	1472	rBV4	12487	28782	7.20%	0.802%
12	5.878	1476	1489	1505	rVB	118872	230831	57.77%	6.435%
13	6.177	1570	1582	1600	rVB	83919	162329	40.63%	4.525%
14	6.325	1614	1628	1645	rBV	77280	154764	38.73%	4.314%
15	6.614	1703	1718	1730	rBV	41444	86942	21.76%	2.424%
16	7.218	1897	1906	1923	rVB2	45253	85131	21.31%	2.373%
17	7.556	1999	2011	2029	rBV	148197	259741	65.00%	7.241%
18	7.842	2091	2100	2113	rVB2	25390	42822	10.72%	1.194%
19	8.305	2233	2244	2274	rBV	230218	399571	100.00%	11.139%
20	9.083	2473	2486	2504	rBV	168770	282448	70.69%	7.874%
21	10.427	2893	2904	2913	rBV	69377	111626	27.94%	3.112%
22	10.472	2913	2918	2931	rVB2	7073	14319	3.58%	0.399%
23	11.247	3151	3159	3174	rVB7	5303	10178	2.55%	0.284%
24	11.476	3220	3230	3252	rVB	186381	292785	73.27%	8.162%
25	11.855	3332	3348	3365	rBV	164328	266913	66.80%	7.441%
26	12.566	3561	3569	3583	rVB7	7694	14345	3.59%	0.400%
27	16.540	4801	4805	4819	rVB7	9612	15287	3.83%	0.426%

Sum of corrected areas: 3587106

LSC Report - Integrated Chromatogram

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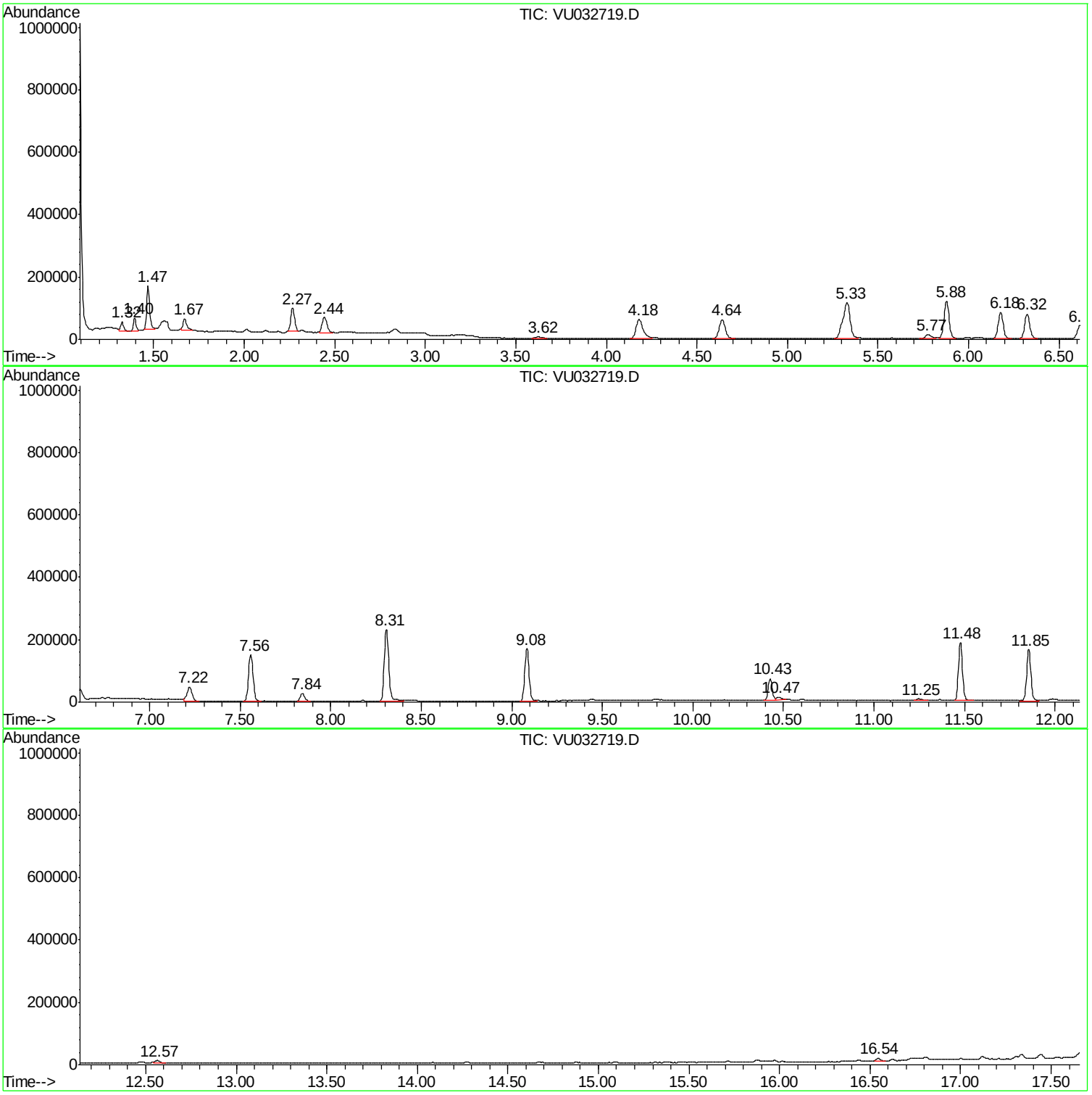
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M55

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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Operator : JC/SP
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Instrument : MSVOA_U
ClientSampleId : C0M55

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

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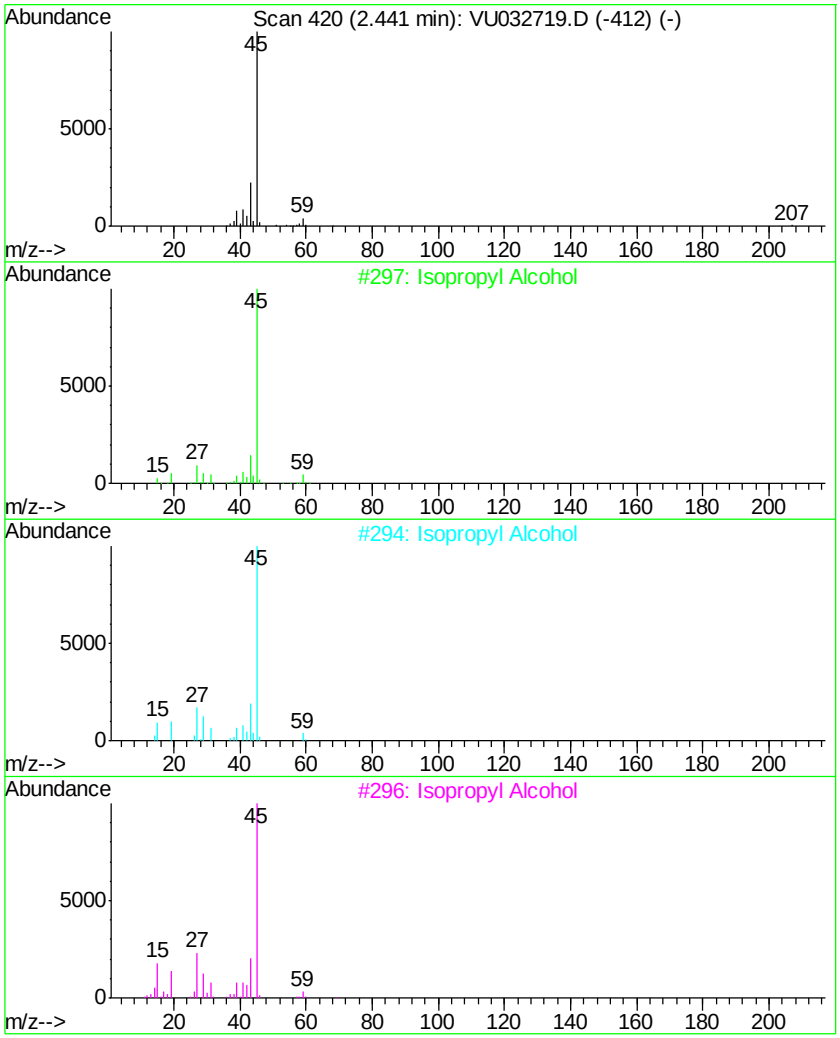
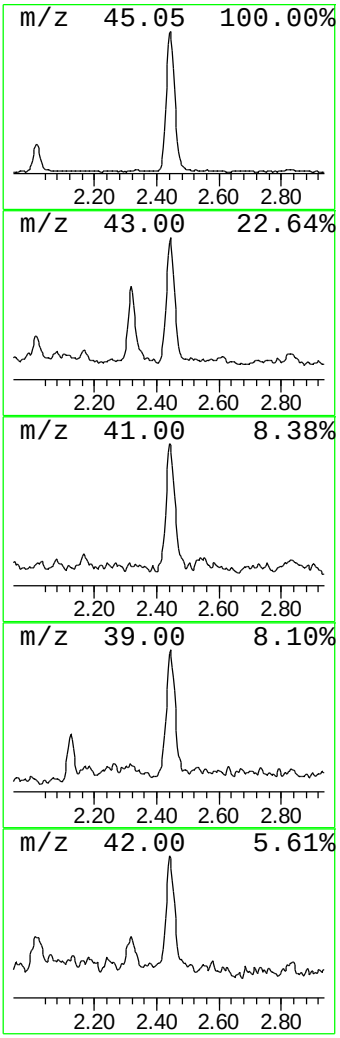
Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	1.94 ug/L	89589	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	64





Library Search Compound Report

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Data File : VU032719.D
Acq On : 14 Jun 2019 01:29
Operator : JC/SP
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M55

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

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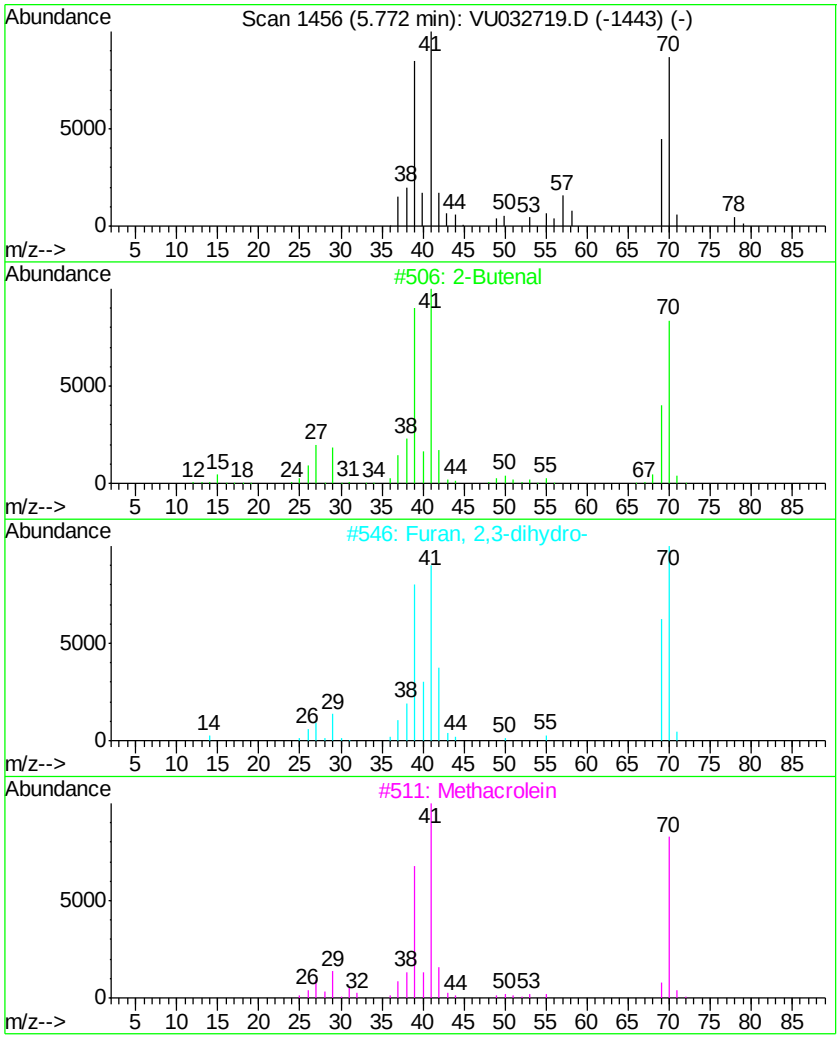
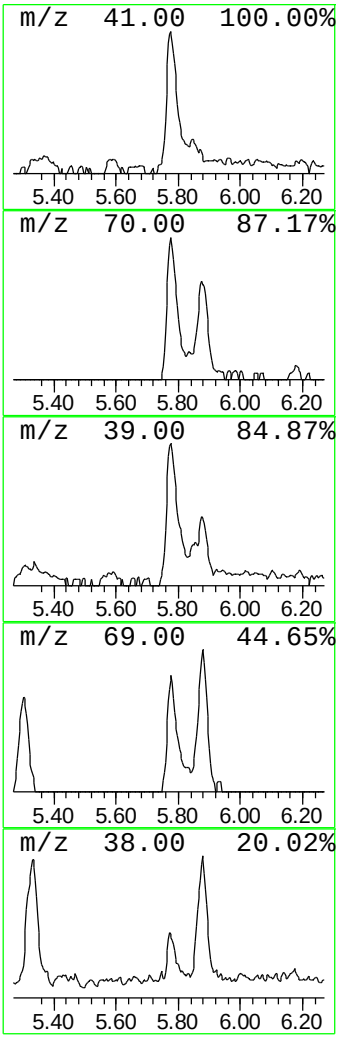
Peak Number 3 2-Butenal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	0.62 ug/L	28782	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal	70	C4H6O	004170-30-3	91
2	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	90
3	Methacrolein	70	C4H6O	000078-85-3	90
4	2-Butenal, (E)-	70	C4H6O	000123-73-9	90
5	2-Butenal, (Z)-	70	C4H6O	015798-64-8	87





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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M55

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

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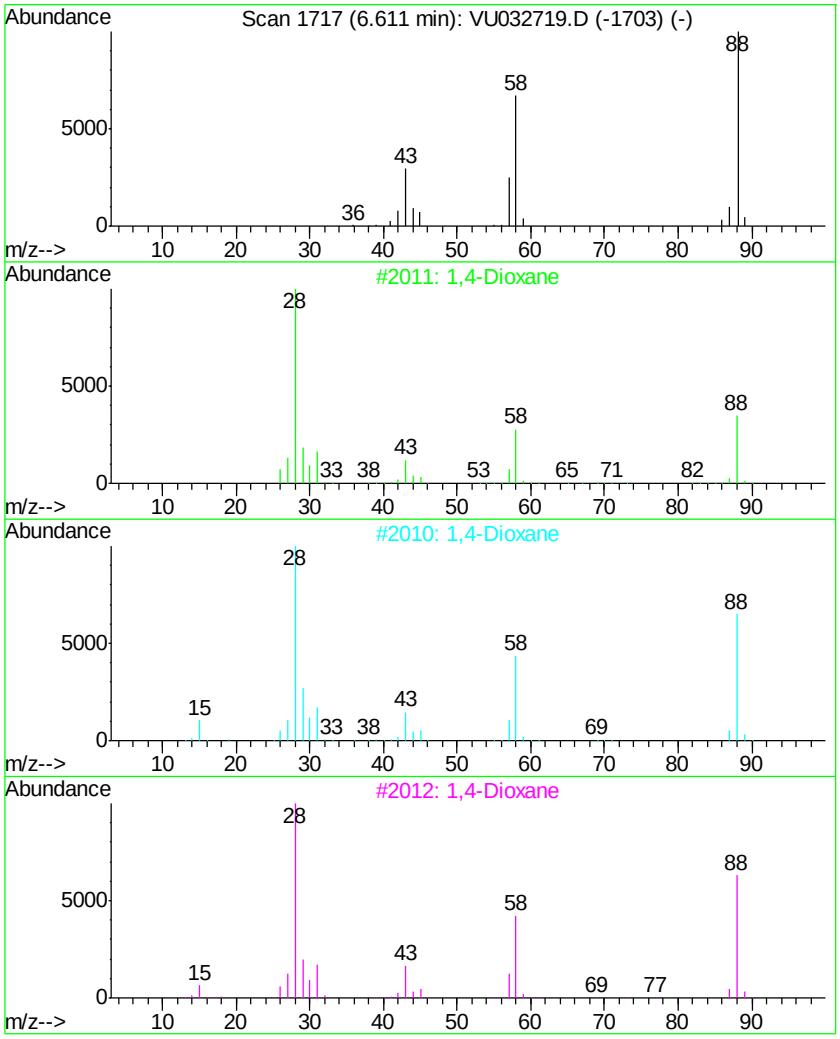
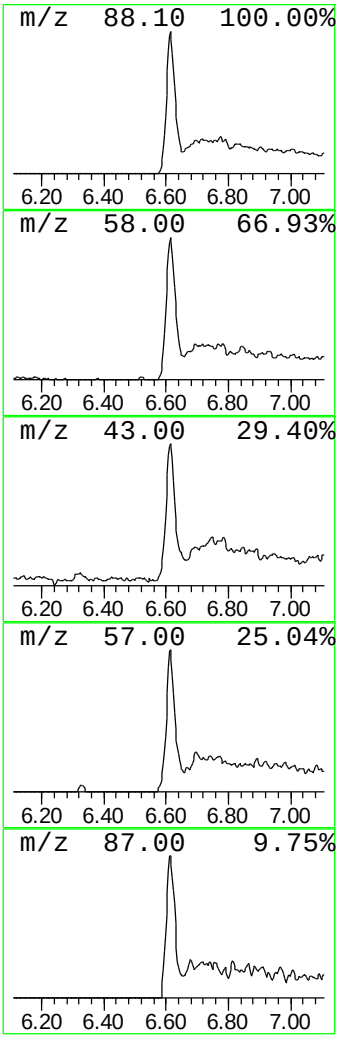
Peak Number 4 1,4-Dioxane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	1.88 ug/L	86942	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	90
3	1,4-Dioxane	88	C4H8O2	000123-91-1	90
4	1,4-Dioxane	88	C4H8O2	000123-91-1	83
5	Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	56





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C0M55

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
Isopropyl Alcohol	2.44	1.9	ug/L	89589	1	5.88	230831	5.0
2-Butenal	5.77	0.6	ug/L	28782	1	5.88	230831	5.0
1,4-Dioxane	6.61	1.9	ug/L	86942	1	5.88	230831	5.0