LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
Data File : VU032890.D
Acq On : 20 Jun 2019 10:13
Operator : JC/SP
Sample : K3414-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM5

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	1.389	87	93	106	rVB	42270	43878	10.01%	1.187%
2	1.479	112	121	174	rBV	149312	438350	100.00%	11.861%
3	1.672	175	181	192	rVB	35149	42756	9.75%	1.157%
4	2.264	355	365	375	rBV	79445	121551	27.73%	3.289%
5	3.997	888	904	919	rBV4	9721	26324	6.01%	0.712%
6	4.231	958	977	996	rBV2	22961	98891	22.56%	2.676%
7	4.637	1088	1103	1126	rVB	59240	138807	31.67%	3.756%
8	5.328	1296	1318	1339	rBV2	118072	317403	72.41%	8.589%
9	5.878	1476	1489	1507	rBV	116405	222899	50.85%	6.031%
10	6.325	1615	1628	1649	rBV2	77565	156034	35.60%	4.222%
11	6.534	1682	1693	1709	rBV2	24119	50387	11.49%	1.363%
12	7.222	1896	1907	1924	rBV	41989	74146	16.91%	2.006%
13	7.556	1999	2011	2027	rBV	148783	261999	59.77%	7.089%
14	7.630	2030	2034	2045	rVB4	2636	4434	1.01%	0.120%
15	7.845	2090	2101	2117	rBV	26415	44846	10.23%	1.213%
16	8.177	2188	2204	2218	rBV2	22274	46642	10.64%	1.262%
17	8.315	2235	2247	2283	rBV	190866	408886	93.28%	11.064%
18	8.463	2285	2293	2316	rVB	30908	56174	12.81%	1.520%
19	9.083	2475	2486	2505	rBV	170678	292926	66.82%	7.926%
20	9.704	2662	2679	2694	rBV2	11982	33131	7.56%	0.896%
21	10.025	2764	2779	2789	rBV8	4917	9224	2.10%	0.250%
22	10.427	2888	2904	2925	rBV	65936	110357	25.18%	2.986%
23	10.601	2945	2958	2970	rBV	28572	47126	10.75%	1.275%
24	11.479	3219	3231	3255	rVB	187898	305046	69.59%	8.254%
25	11.742	3302	3313	3324	rBV6	4485	9361	2.14%	0.253%
26	11.855	3337	3348	3371	rVB	168173	273032	62.29%	7.388%
27	12.475	3528	3541	3552	rBV2	9635	17209	3.93%	0.466%
28	12.566	3560	3569	3582	rVB7	4277	6934	1.58%	0.188%
29	14.273	4087	4100	4114	rBV	10991	18735	4.27%	0.507%
30	15.874	4586	4598	4611	rVB	10213	18174	4.15%	0.492%

Sum of corrected areas: 3695662

LSC Report - Integrated Chromatogram

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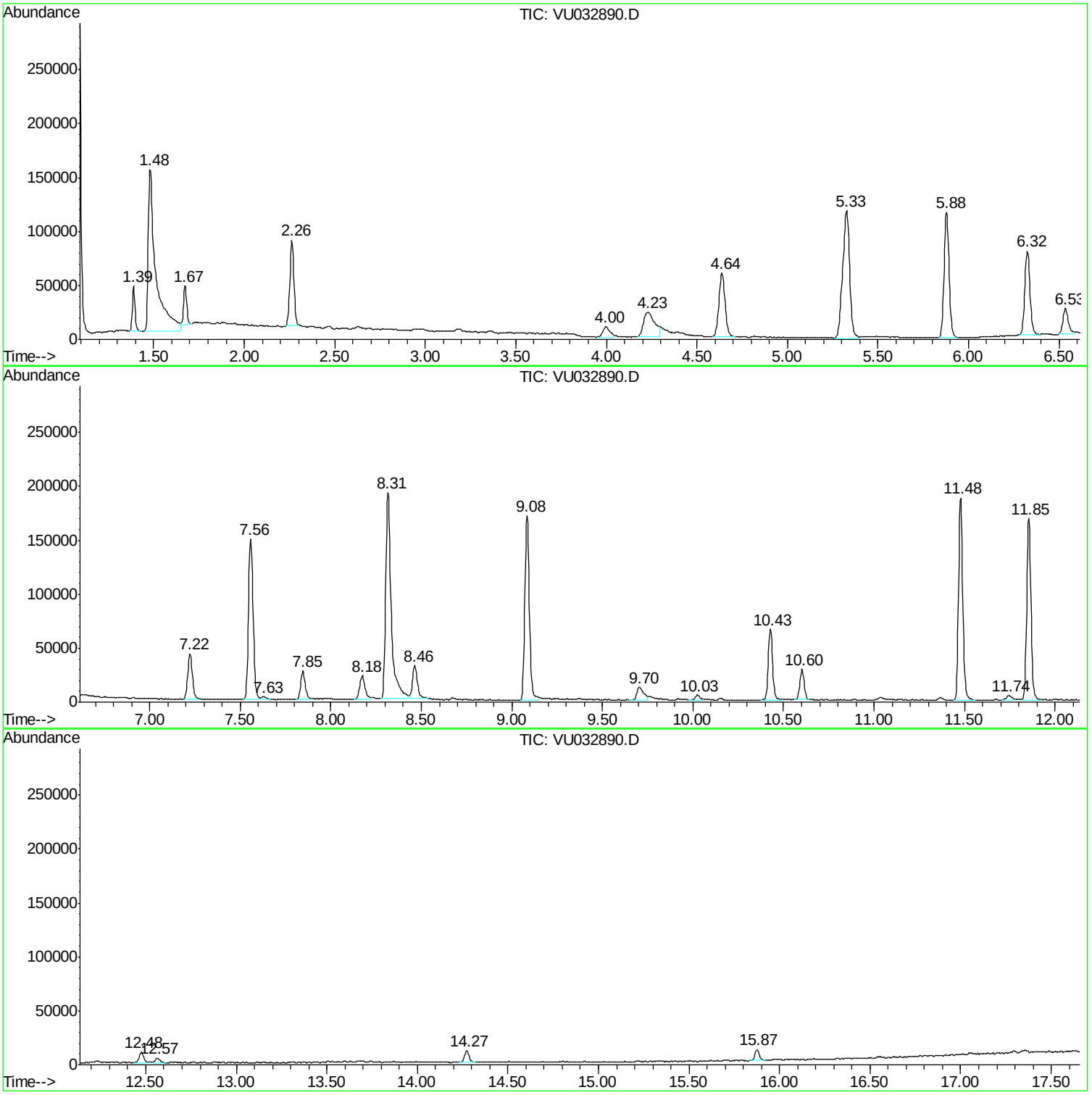
Sample : K3414-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM5

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
Data File : VU032890.D
Acq On : 20 Jun 2019 10:13
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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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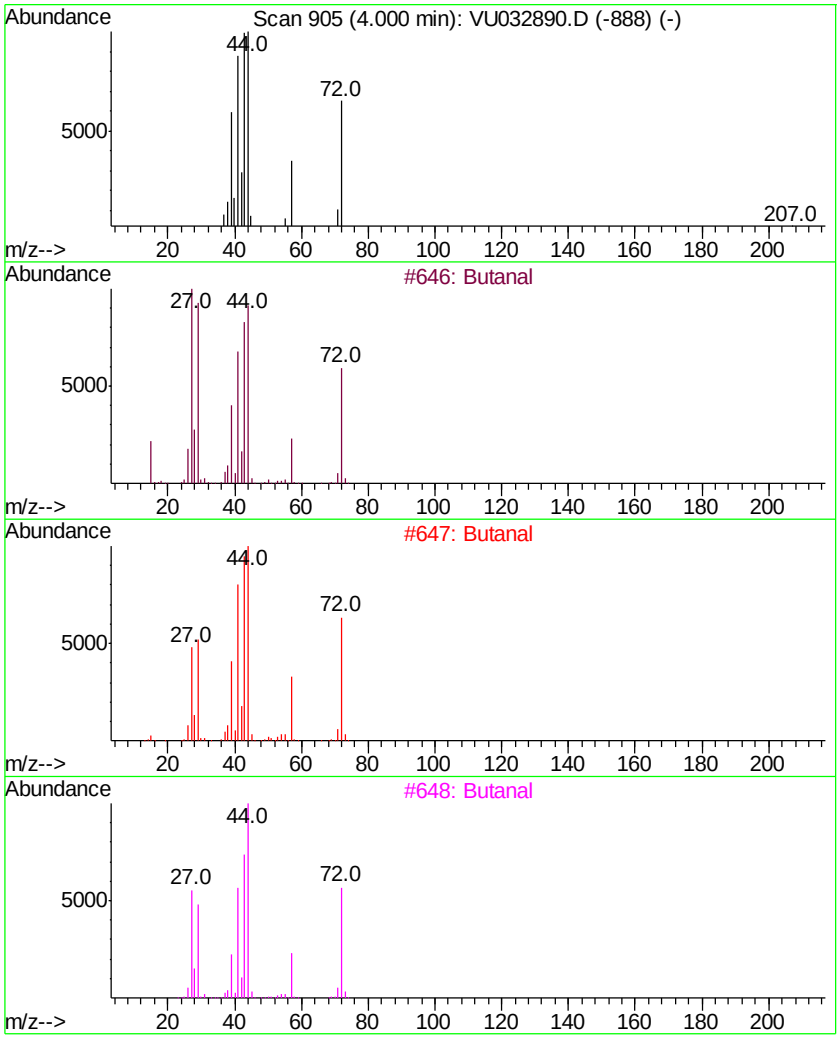
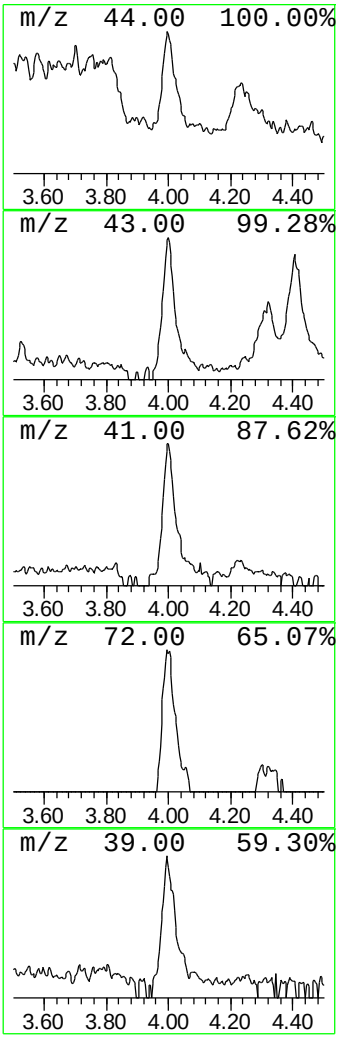
Peak Number 2 Butanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	0.59 ug/L	26324	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	90
3	Butanal	72	C4H8O	000123-72-8	58
4	Butanal	72	C4H8O	000123-72-8	53
5	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	43





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Data File : VU032890.D
Acq On : 20 Jun 2019 10:13
Operator : JC/SP
Sample : K3414-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM5

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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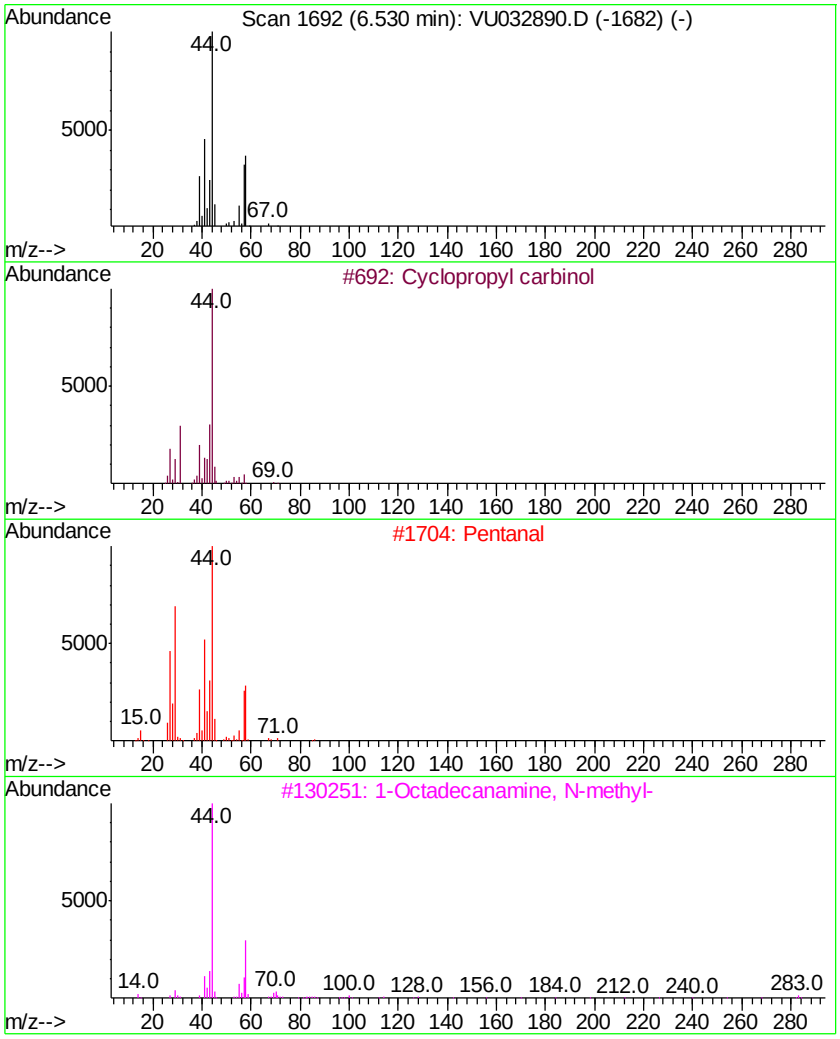
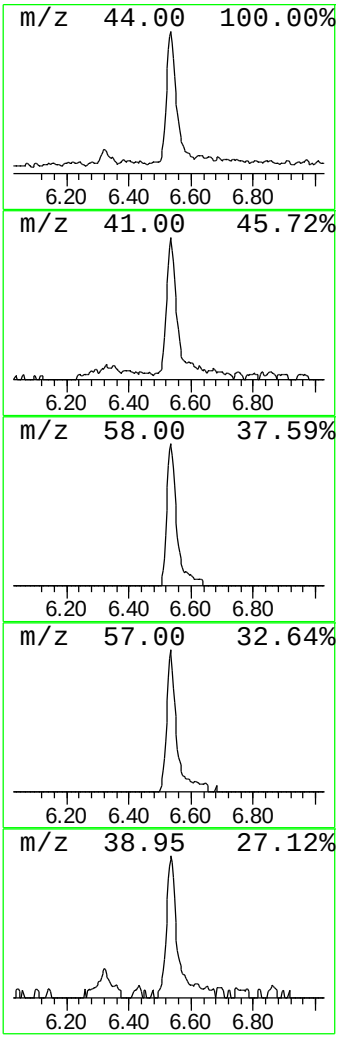
Peak Number 3 Cyclopropyl carbinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	1.13 ug/L	50387	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropyl carbinol	72	C4H8O	002516-33-8	59
2	Pentanal	86	C5H10O	000110-62-3	50
3	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	39
4	Pentanal	86	C5H10O	000110-62-3	38
5	Cyclopropyl carbinol	72	C4H8O	002516-33-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
Data File : VU032890.D
Acq On : 20 Jun 2019 10:13
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Sample : K3414-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM5

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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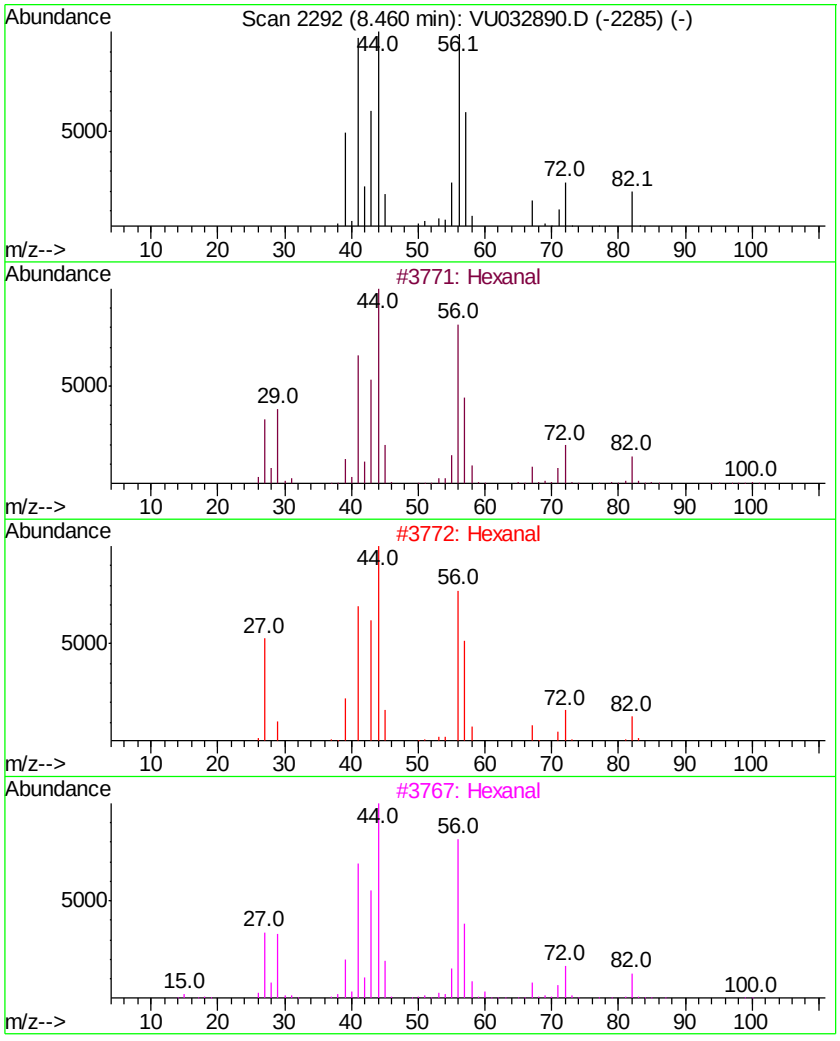
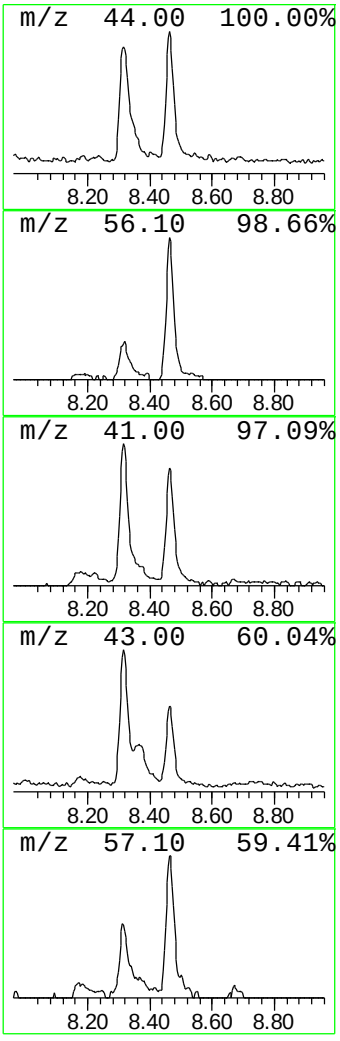
Peak Number 6 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	0.96 ug/L	56174	Chlorobenzene-d5	9.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	53
4	Hexanal	100	C6H12O	000066-25-1	47
5	Glutaraldehyde	100	C5H8O2	000111-30-8	35





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Operator : JC/SP
Sample : K3414-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM5

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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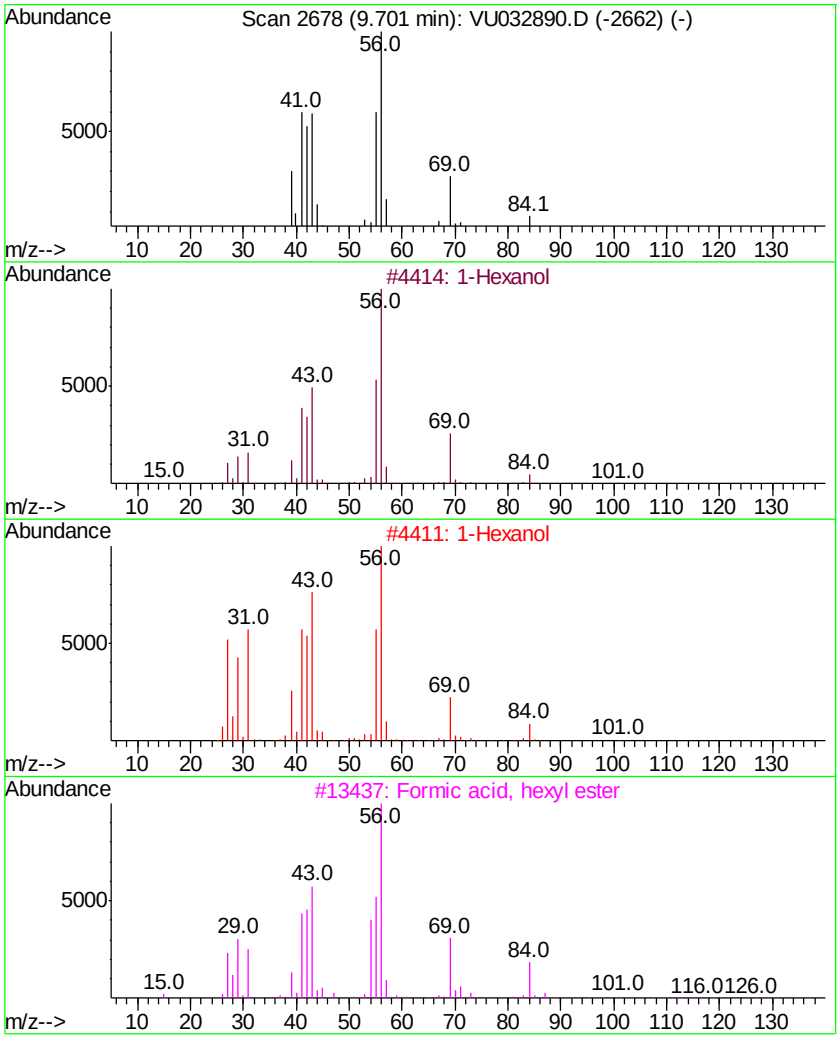
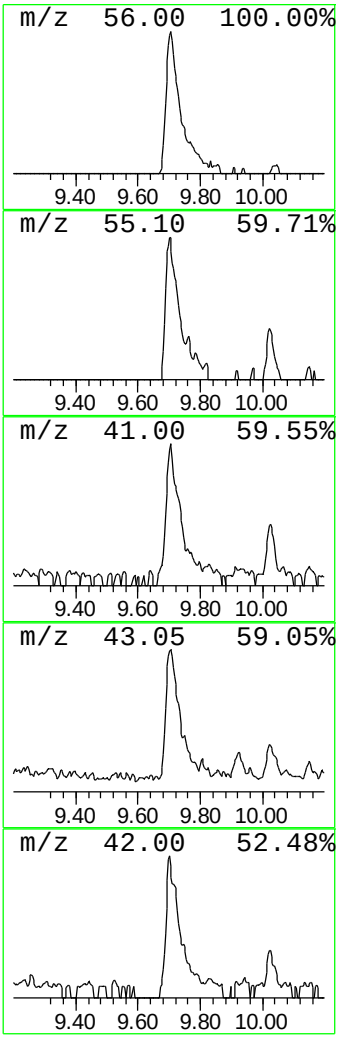
Peak Number 7 1-Hexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	0.57 ug/L	33131	Chlorobenzene-d5	9.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	78
2	1-Hexanol	102	C6H14O	000111-27-3	72
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	72
4	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	64
5	1-Hexanol	102	C6H14O	000111-27-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALM5

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
Butanal	4.00	0.6	ug/L	26324	1	5.88	222899	5.0
Cyclopropyl carbinol	6.53	1.1	ug/L	50387	1	5.88	222899	5.0
Hexanal	8.46	1.0	ug/L	56174	2	9.08	292926	5.0
1-Hexanol	9.70	0.6	ug/L	33131	2	9.08	292926	5.0