LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121219\
Data File : VU036160.D
Acq On : 12 Dec 2019 19:59
Operator : JC/MD
Sample : K6273-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDQ0

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\SOMUTR121219WMA.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	1.430	3	28	56	rBV	3865058	7474632	100.00%	50.295%
2	1.980	189	199	211	rBV	144483	239123	3.20%	1.609%
3	2.417	328	335	352	rVB	132104	246057	3.29%	1.656%
4	3.208	570	581	595	rBV	260558	470185	6.29%	3.164%
5	5.697	1352	1355	1389	rVB2	61084	127765	1.71%	0.860%
6	6.192	1486	1509	1538	rBV2	356547	852435	11.40%	5.736%
7	6.491	1581	1602	1628	rVB3	47538	158982	2.13%	1.070%
8	6.629	1631	1645	1668	rBV	267993	491118	6.57%	3.305%
9	7.028	1754	1769	1784	rBV	196939	373455	5.00%	2.513%
10	7.240	1820	1835	1855	rVB	39586	100255	1.34%	0.675%
11	7.799	1996	2009	2032	rBV	80944	149496	2.00%	1.006%
12	8.108	2091	2105	2117	rBV	303561	540699	7.23%	3.638%
13	8.169	2117	2124	2136	rVV2	54431	102607	1.37%	0.690%
14	8.240	2136	2146	2159	rVB2	41336	75632	1.01%	0.509%
15	8.362	2172	2184	2205	rBV	51174	94084	1.26%	0.633%
16	8.793	2300	2318	2333	rBV	313858	713678	9.55%	4.802%
17	8.870	2334	2342	2353	rVV2	115882	230884	3.09%	1.554%
18	9.536	2536	2549	2563	rBV	329353	633888	8.48%	4.265%
19	10.819	2931	2948	2968	rBV2	160850	333412	4.46%	2.243%
20	11.860	3259	3272	3289	rBV	326154	579213	7.75%	3.897%
21	12.237	3374	3389	3403	rBV	360966	625447	8.37%	4.209%
22	12.918	3585	3601	3618	rBV3	135278	248435	3.32%	1.672%

Sum of corrected areas: 14861482

LSC Report - Integrated Chromatogram

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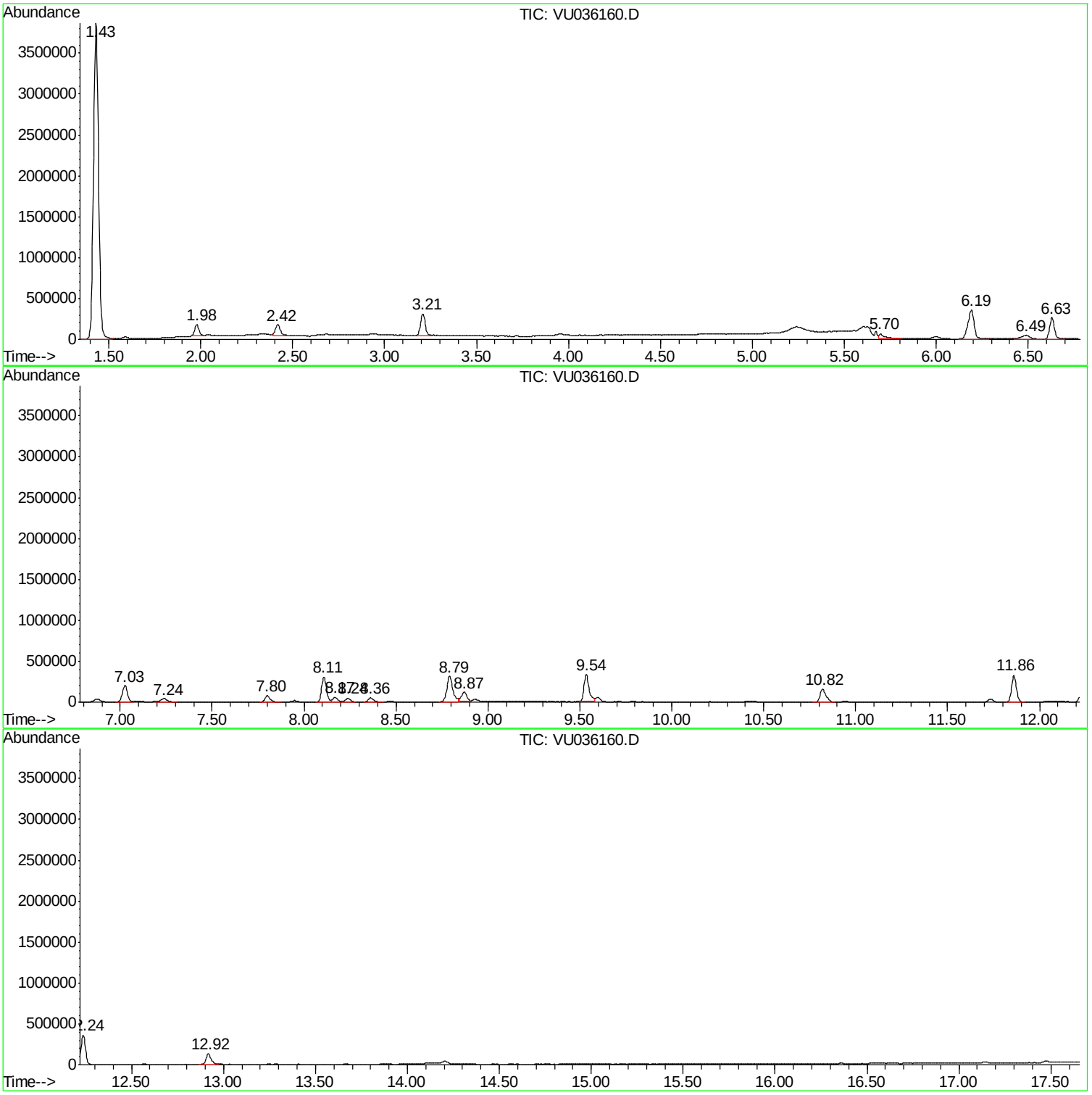
Instrument : MSVOA_U
ClientSampleId : BFDQ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.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 : VU036160.D
Acq On : 12 Dec 2019 19:59
Operator : JC/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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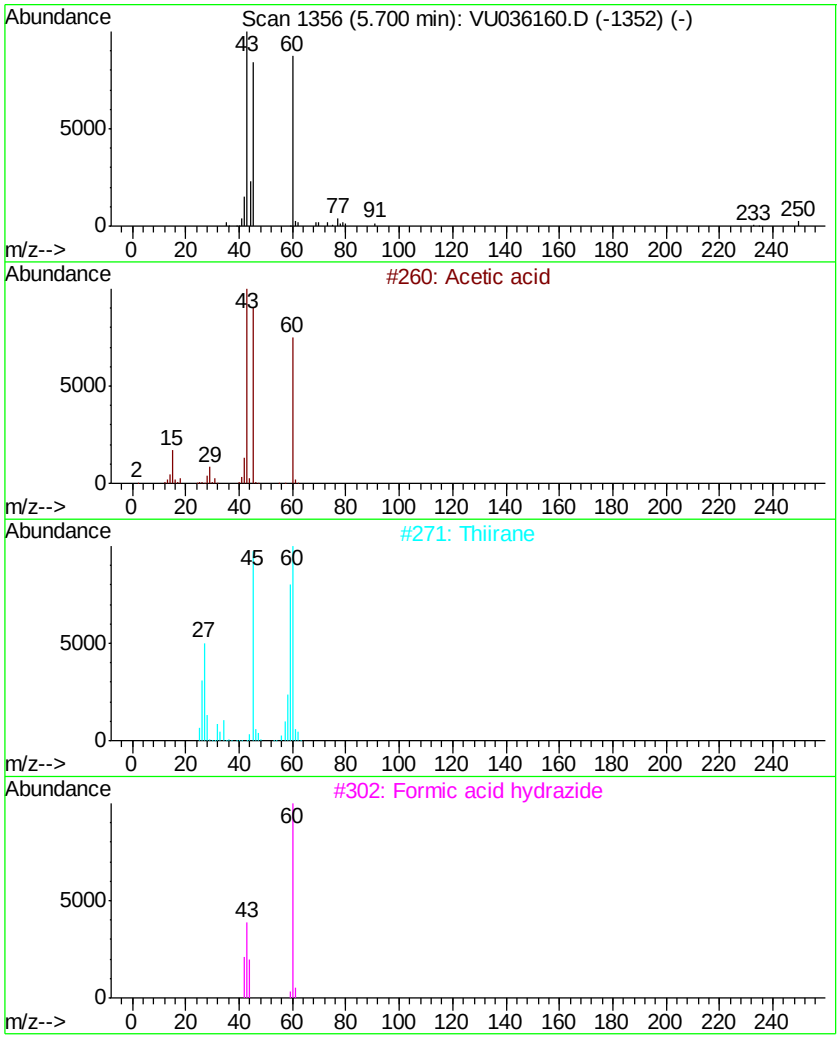
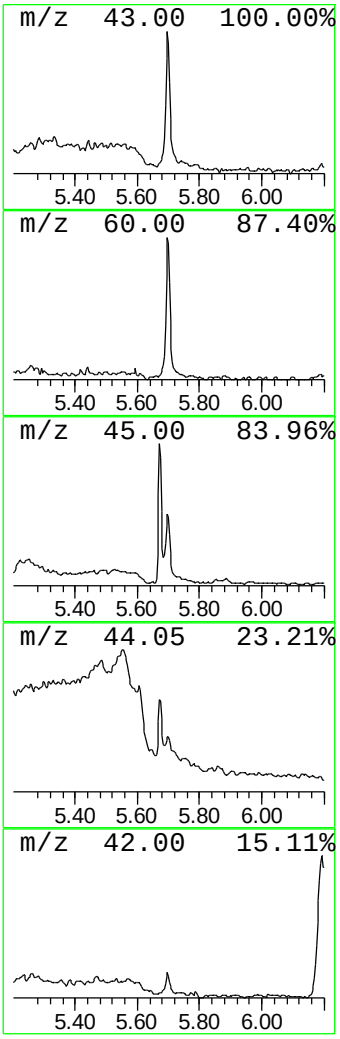
Peak Number 2 Acetic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	1.30 ug/L	127765	1,4-Difluorobenzene	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	80
2	Thiirane	60	C2H4S	000420-12-2	9
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	9
4	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Acetic acid	60	C2H4O2	000064-19-7	9





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Operator : JC/MD
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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDQ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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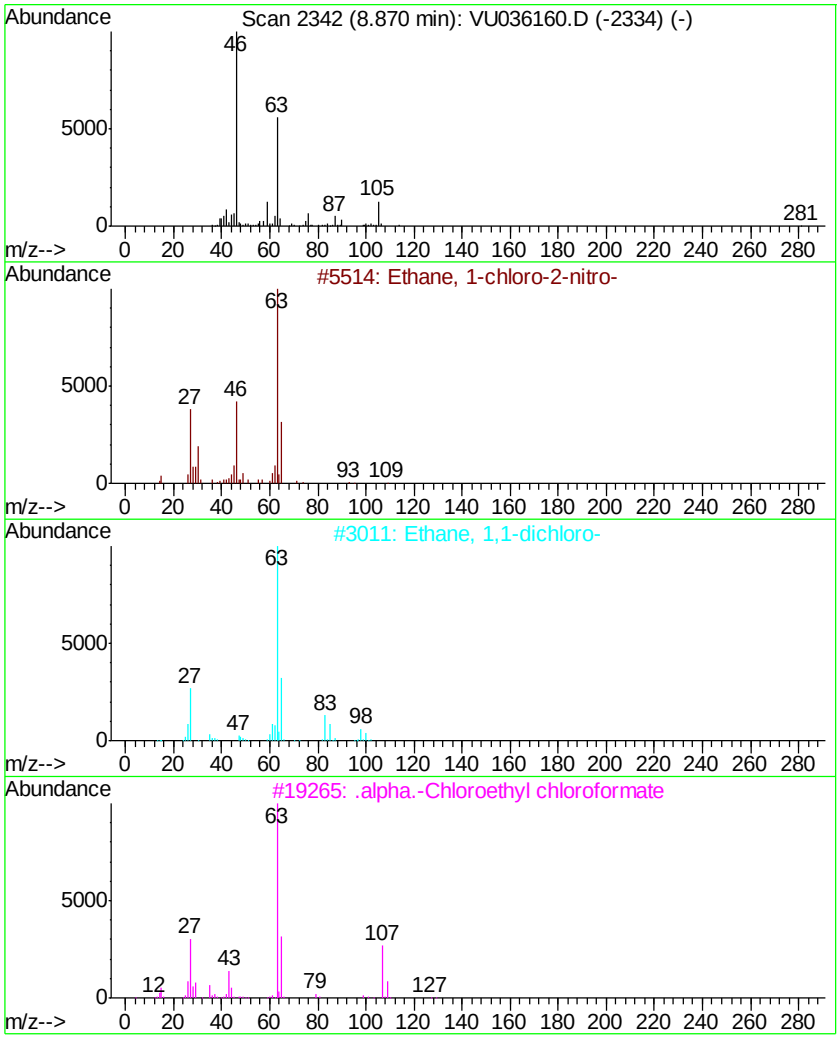
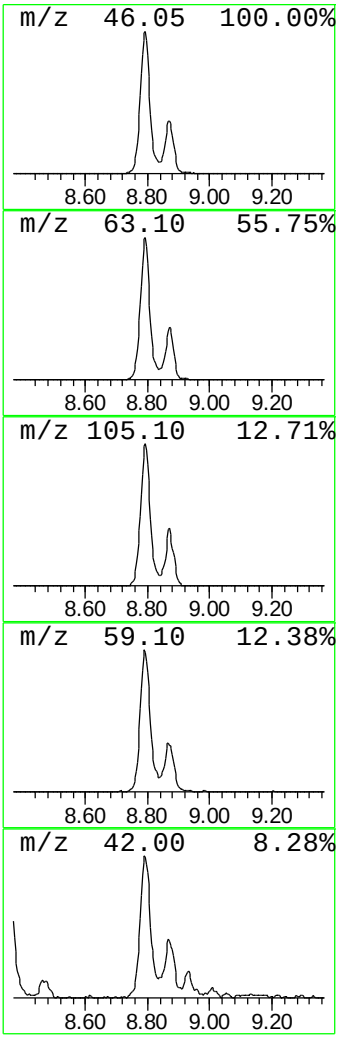
Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	1.82 ug/L	230884	Chlorobenzene-d5	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-2-nitro-	109	C2H4ClNO2	000625-47-8	40
2	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	28
3	.alpha.-Chloroethyl chloroformate	142	C3H4Cl2O2	050893-53-3	25
4	Hydrazine, methyl-	46	CH6N2	000060-34-4	9
5	1,3-Propanediol, 2-methyl-2-[(ni...	255	C5H9N3O9	003032-55-1	9





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Sample : K6273-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDQ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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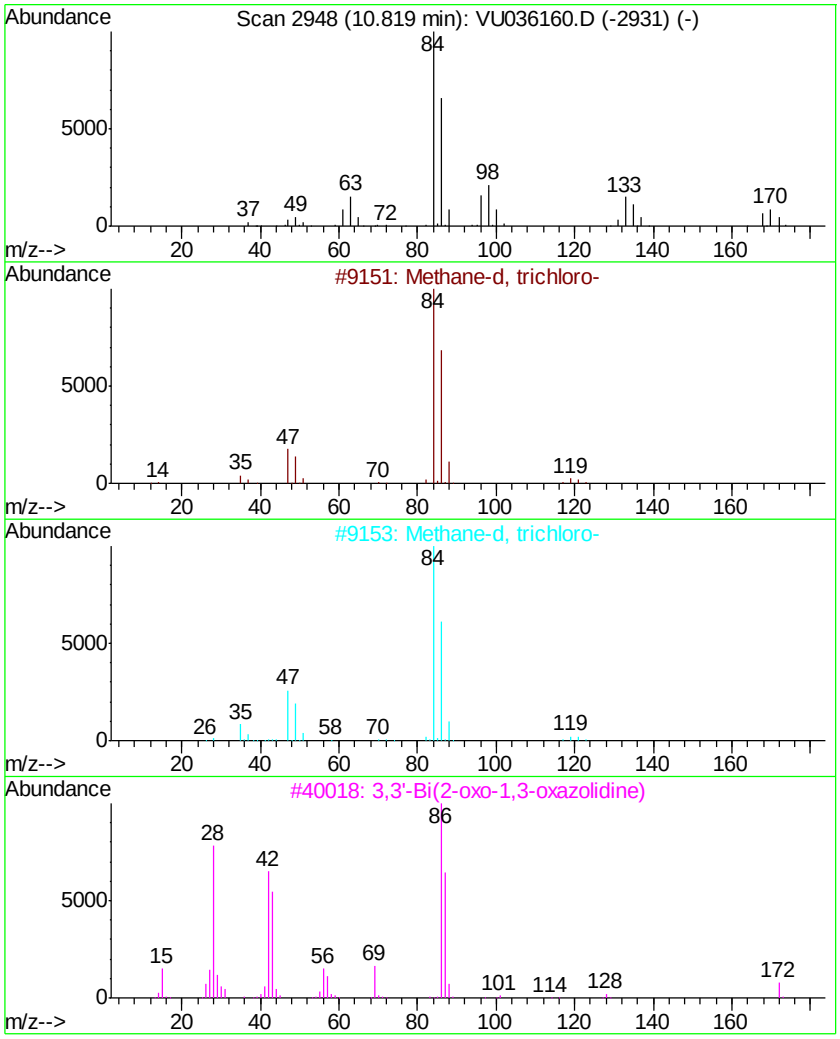
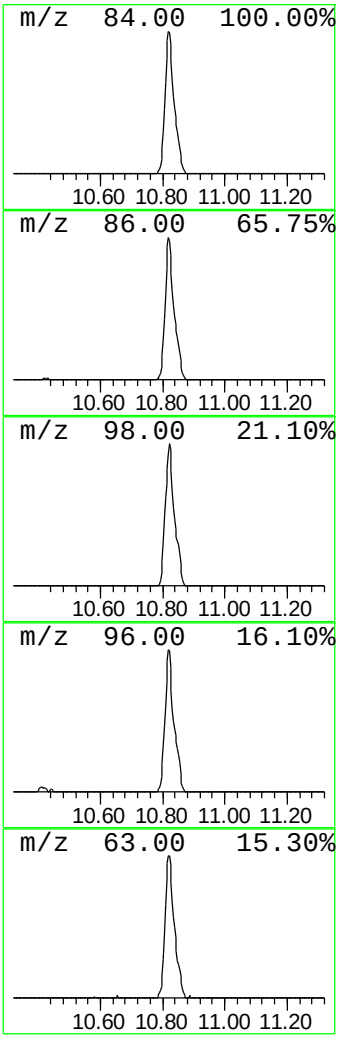
Peak Number 8 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.88 ug/L	333412	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane-d, trichloro-	119	CDCl3	000865-49-6	38
2	Methane-d, trichloro-	119	CDCl3	000865-49-6	33
3	3,3'-Bi(2-oxo-1,3-oxazolidine)	172	C6H8N2O4	089533-03-9	9
4	Cyclobuta[1,2-b:3,4-b']dithiophe...	172	C8H12S2	074421-28-6	9
5	Methane-d, trichloro-	119	CDCl3	000865-49-6	9





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDQ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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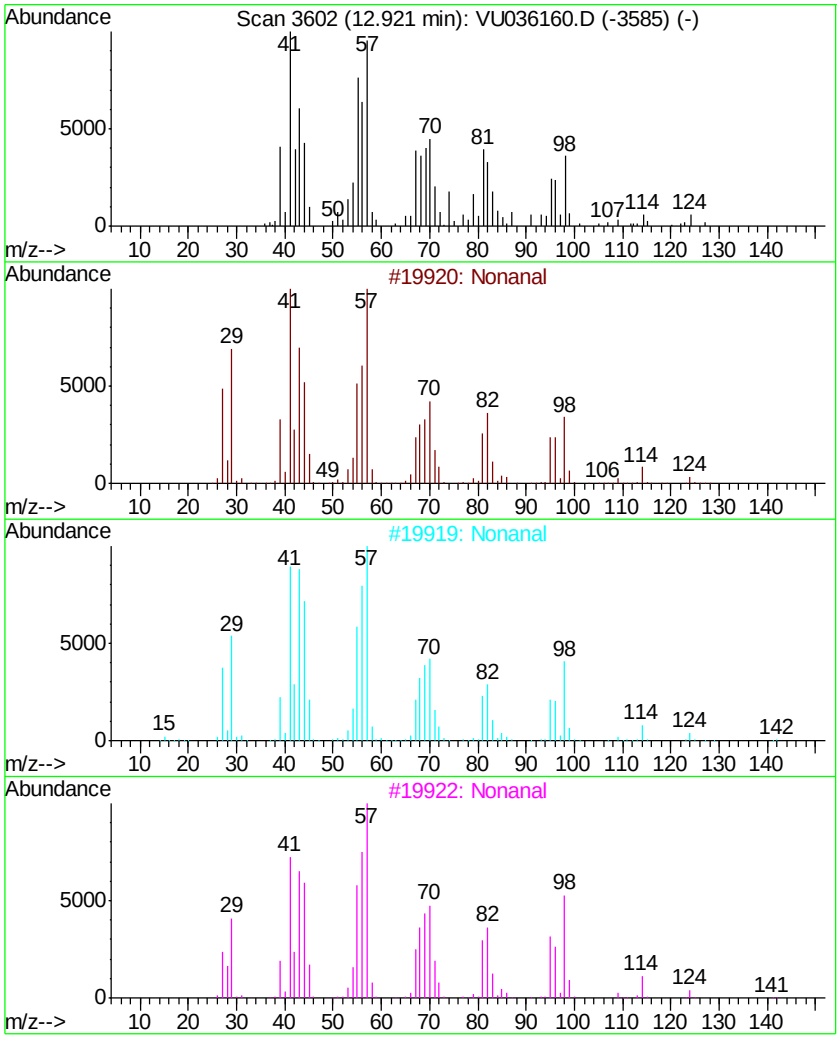
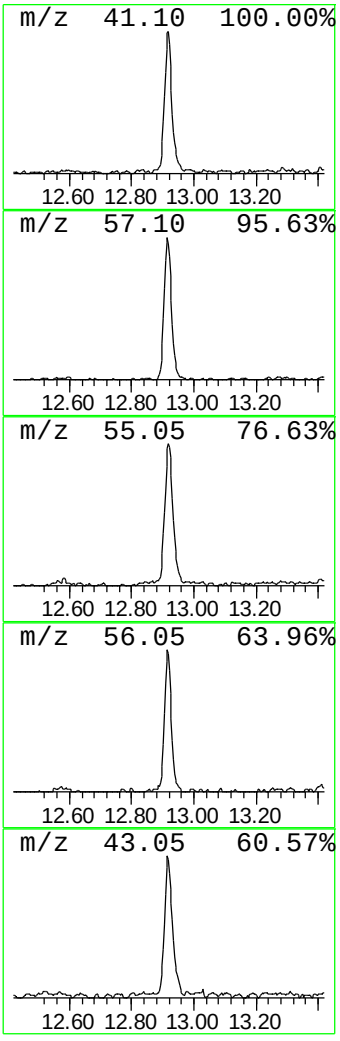
Peak Number 9 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.14 ug/L	248435	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	80
2	Nonanal	142	C9H18O	000124-19-6	59
3	Nonanal	142	C9H18O	000124-19-6	53
4	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	49
5	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	30





Tentatively Identified Compound (LSC) summary

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDQ0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.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
Acetic acid	5.70	1.3	ug/L	127765	1	6.63	491118	5.0
unknown-01	8.87	1.8	ug/L	230884	2	9.54	633888	5.0
unknown-02	10.82	2.9	ug/L	333412	3	11.86	579213	5.0
Nonanal	12.92	2.1	ug/L	248435	3	11.86	579213	5.0