LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121919\
Data File : VU036292.D
Acq On : 19 Dec 2019 18:57
Operator : JC/MD
Sample : K6282-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW7

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\SOMUTR121319WMA.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	1.369	3	9	21	rBV	94695	97701	1.75%	0.579%
2	1.607	74	83	96	rBV	197115	241153	4.32%	1.429%
3	1.932	177	184	197	rVB	137042	180689	3.23%	1.071%
4	2.594	378	390	403	rBV2	246660	425681	7.62%	2.523%
5	3.430	643	650	665	rVB2	32768	72907	1.30%	0.432%
6	4.723	1031	1052	1092	rBV2	550831	1628086	29.14%	9.648%
7	5.121	1161	1176	1193	rBV	170769	388788	6.96%	2.304%
8	5.781	1357	1381	1394	rBV2	341026	799138	14.30%	4.736%
9	6.301	1528	1543	1555	rBV	271663	527912	9.45%	3.128%
10	6.591	1615	1633	1645	rBV	2891524	5587756	100.00%	33.114%
11	6.742	1669	1680	1717	rVB	174061	408512	7.31%	2.421%
12	7.610	1936	1950	1973	rBV	82203	171277	3.07%	1.015%
13	7.935	2038	2051	2062	rBV	305295	569384	10.19%	3.374%
14	8.006	2063	2073	2100	rVB	834924	1594092	28.53%	9.447%
15	8.218	2130	2139	2159	rVB	54277	104573	1.87%	0.620%
16	8.687	2271	2285	2318	rBV	330085	837142	14.98%	4.961%
17	8.829	2320	2329	2346	rVB2	46712	96070	1.72%	0.569%
18	9.449	2509	2522	2545	rBV	404731	728301	13.03%	4.316%
19	10.375	2798	2810	2826	rBV5	47297	81611	1.46%	0.484%
20	10.787	2925	2938	2952	rBV	161376	277432	4.96%	1.644%
21	11.713	3213	3226	3242	rBV	91207	146607	2.62%	0.869%
22	11.835	3251	3264	3281	rVB	418701	714375	12.78%	4.233%
23	12.214	3369	3382	3398	rVB	366280	614393	11.00%	3.641%
24	12.906	3585	3597	3614	rBV	323450	514527	9.21%	3.049%
25	14.099	3955	3968	3978	rBV3	28894	66334	1.19%	0.393%

Sum of corrected areas: 16874441

LSC Report - Integrated Chromatogram

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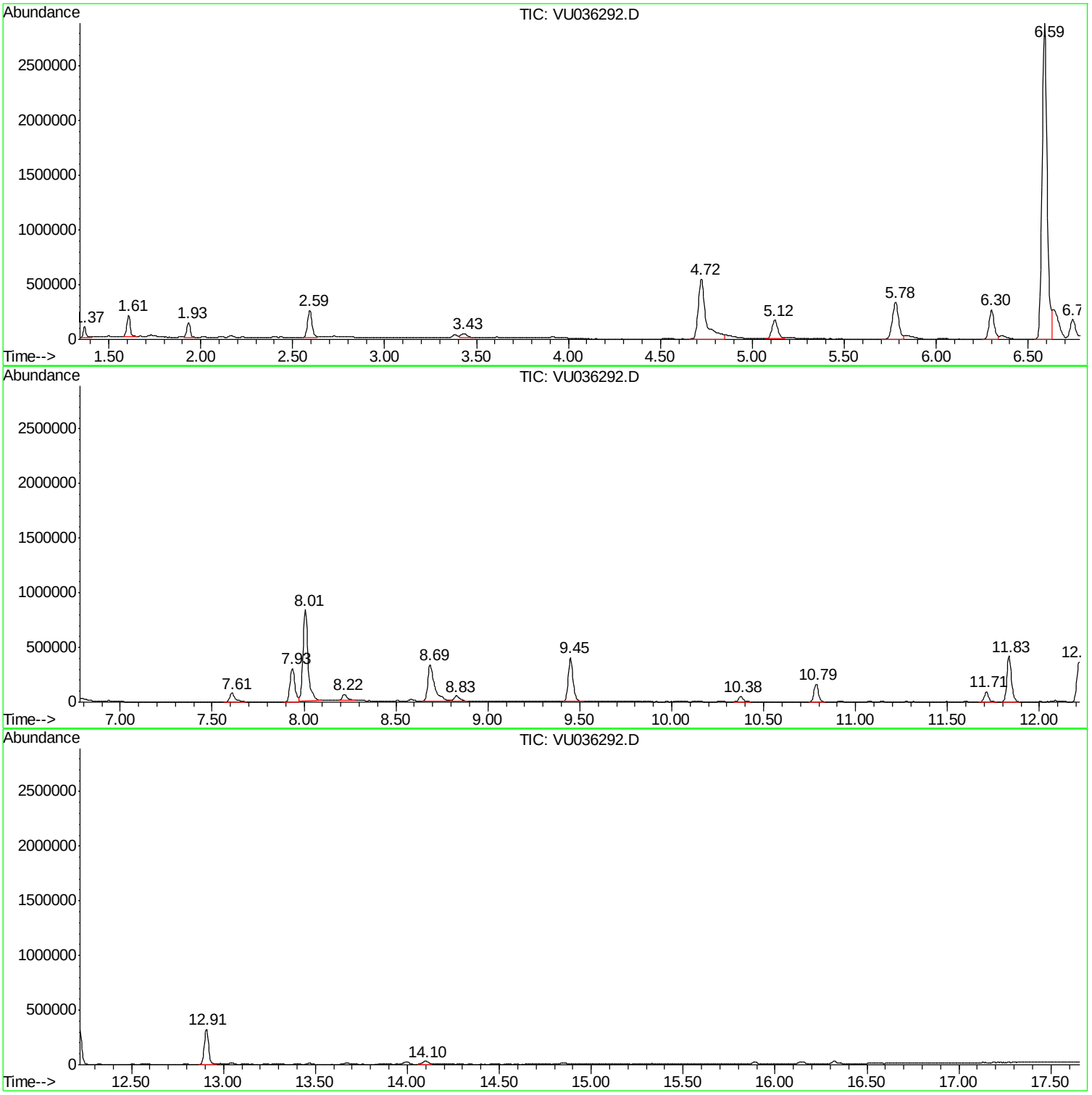
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.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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ClientSampleId : BFDW7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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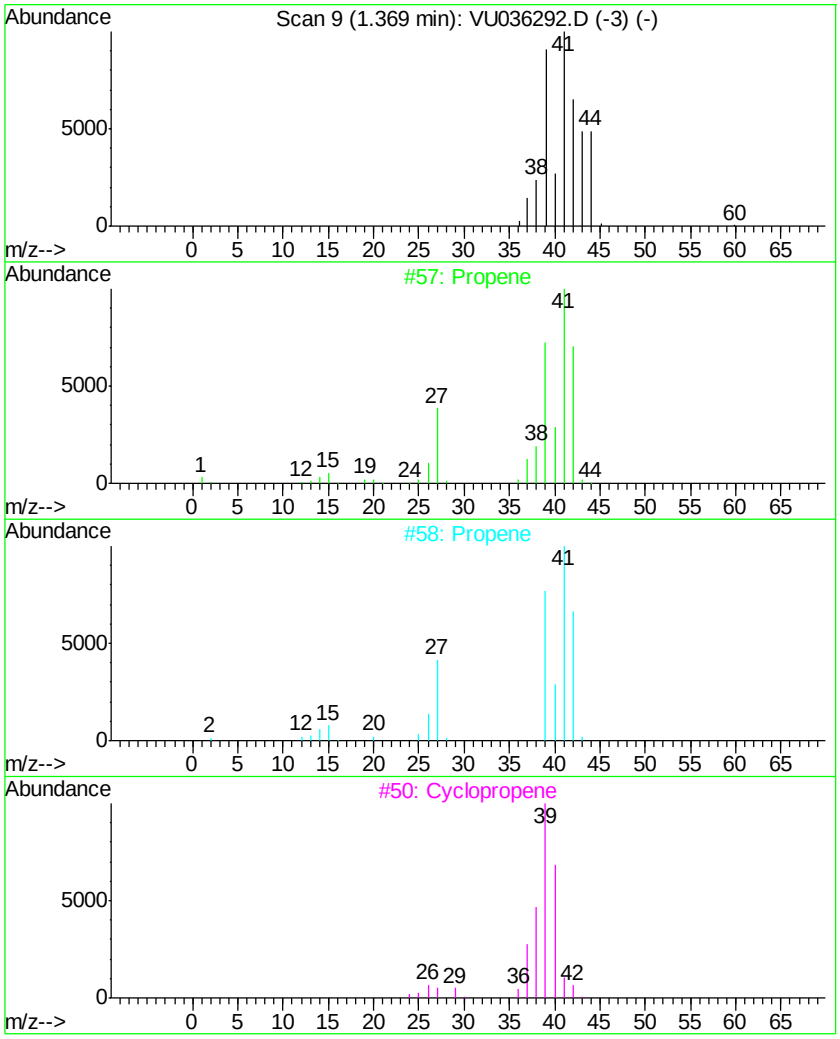
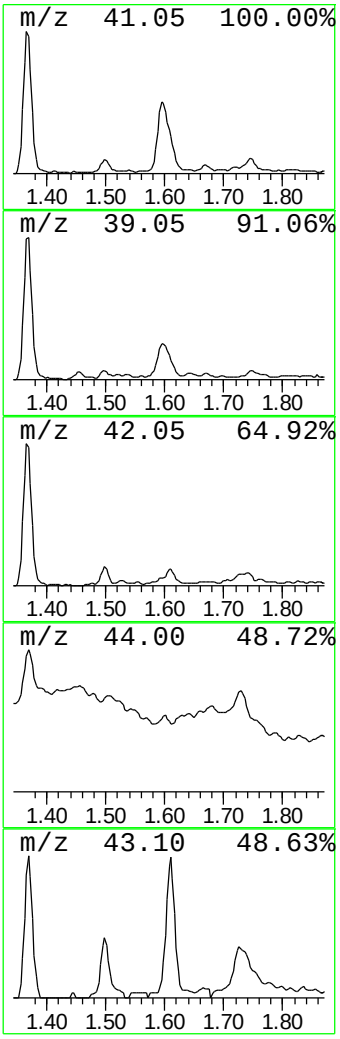
Peak Number 1 (DEL) Alkane: Cyclic1.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	0.93 ug/L	97701	1,4-Difluorobenzene	6.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropene	40	C3H4	002781-85-3	10
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropane	42	C3H6	000075-19-4	7





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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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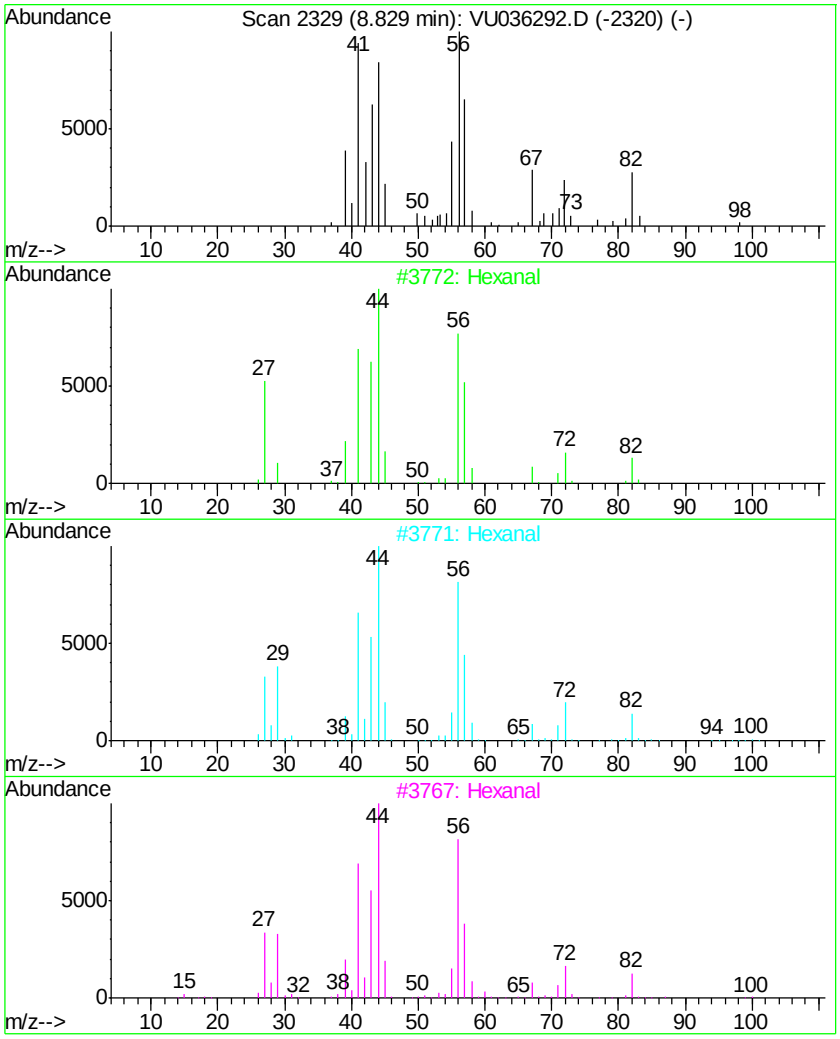
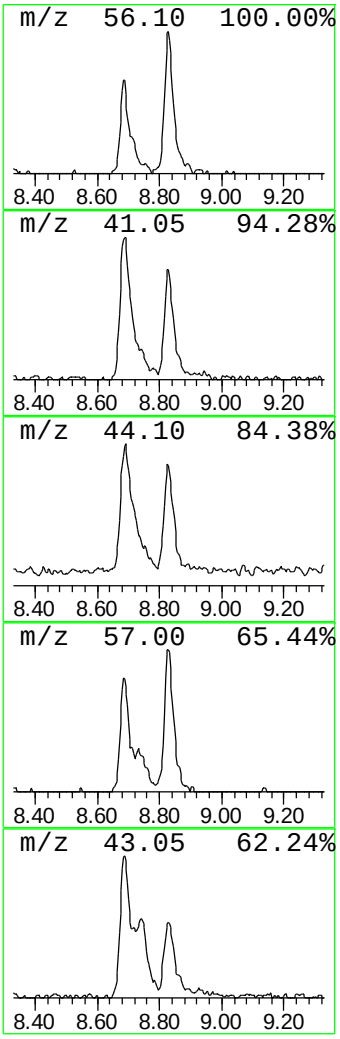
Peak Number 3 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	0.66 ug/L	96070	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	53
2	Hexanal	100	C6H12O	000066-25-1	45
3	Hexanal	100	C6H12O	000066-25-1	42
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	35
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	30





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Instrument : MSVOA_U
ClientSampleId : BFDW7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
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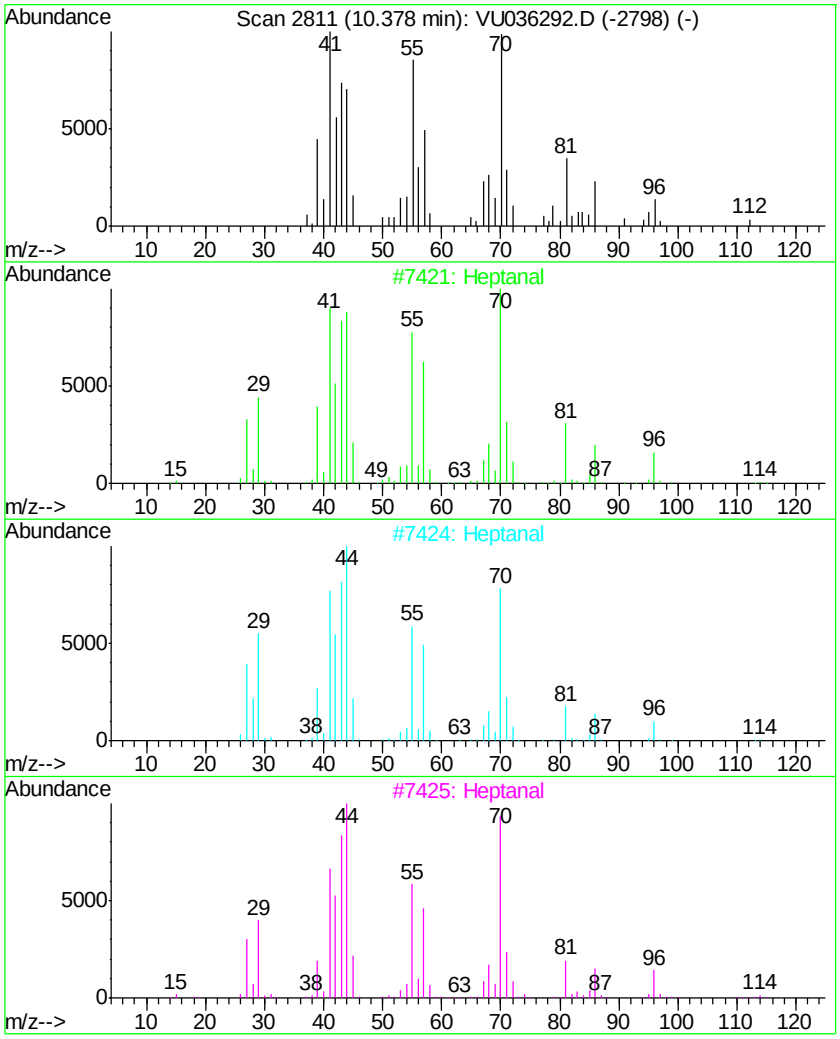
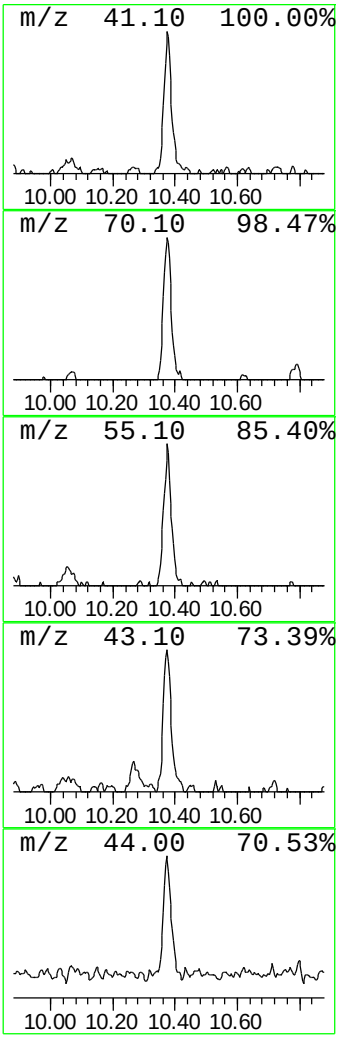
Peak Number 4 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	0.56 ug/L	81611	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	80
2	Heptanal	114	C7H14O	000111-71-7	72
3	Heptanal	114	C7H14O	000111-71-7	64
4	Heptanal	114	C7H14O	000111-71-7	47
5	1-n-Butoxy-2,3-dimethyldiaziridine	143	C8H17NO	343928-70-1	35





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Instrument : MSVOA_U
ClientSampleId : BFDW7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
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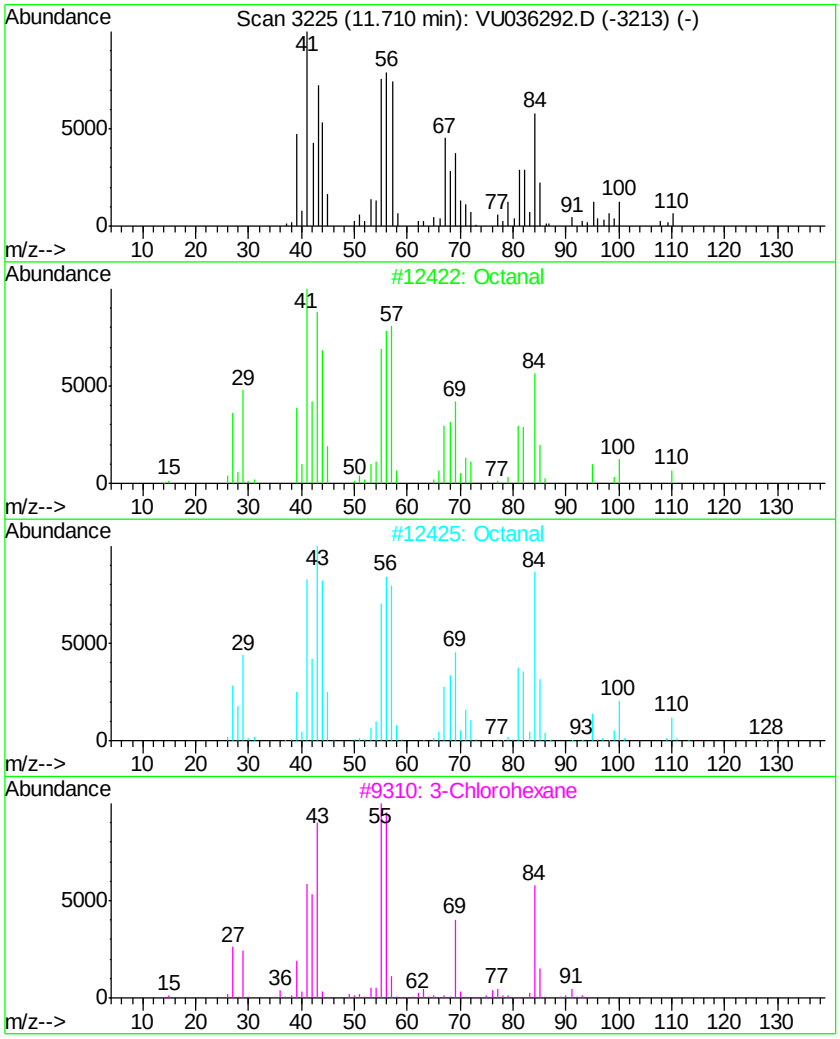
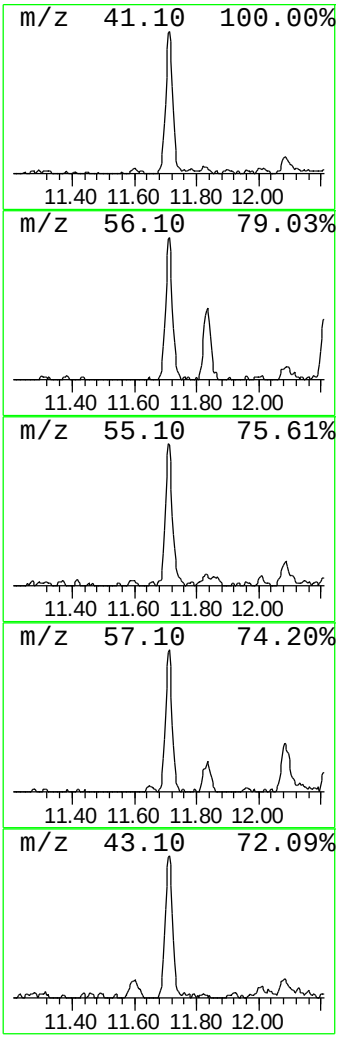
Peak Number 5 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	1.03 ug/L	146607	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	87
2	Octanal	128	C8H16O	000124-13-0	58
3	3-Chlorohexane	120	C6H13Cl	002346-81-8	43
4	2-Oxepanone, 7-methyl-	128	C7H12O2	002549-59-9	38
5	Butane, 1-(ethenyloxy)-	100	C6H12O	000111-34-2	30





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Instrument : MSVOA_U
ClientSampleId : BFDW7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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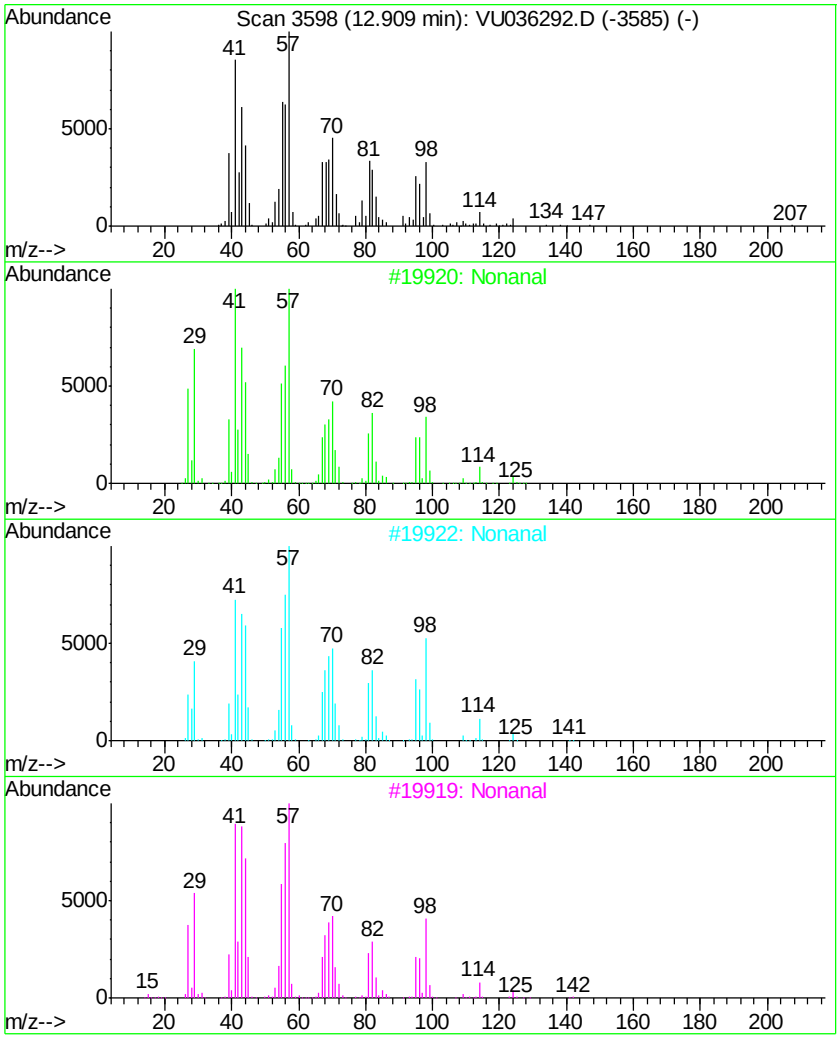
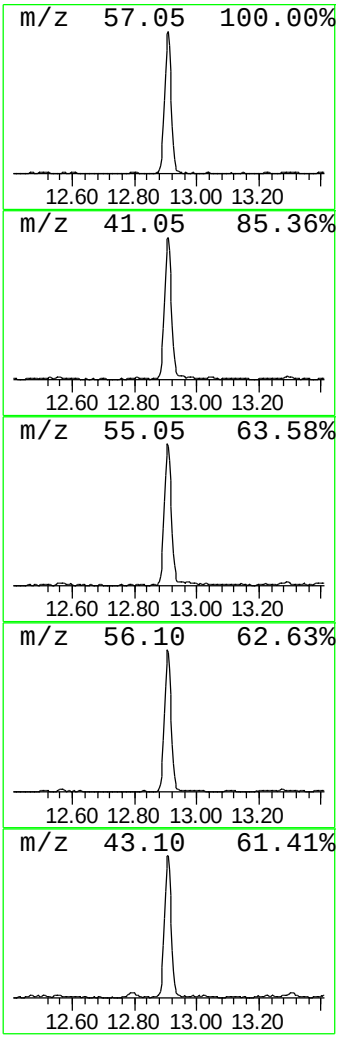
Peak Number 6 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	3.60 ug/L	514527	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	80
3	Nonanal	142	C9H18O	000124-19-6	78
4	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	45
5	9-Decen-1-ol, trifluoroacetate	252	C12H19F3O2	1000352-65-9	30





Tentatively Identified Compound (LSC) summary

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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: Cyc...	1.37	0.9	ug/L	97701	1	6.30	527912	5.0
Hexanal	8.83	0.7	ug/L	96070	2	9.45	728301	5.0
Heptanal	10.38	0.6	ug/L	81611	2	9.45	728301	5.0
Octanal	11.71	1.0	ug/L	146607	3	11.83	714375	5.0
Nonanal	12.91	3.6	ug/L	514527	3	11.83	714375	5.0