LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
Data File : VV014170.D
Acq On : 23 Dec 2019 20:19
Operator : SY/MD
Sample : K6404-06
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ5

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_V\METHOD\SOMVTR122319WMA.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	1.116	3	8	24	rVB2	68516	96147	6.89%	0.798%
2	1.225	38	42	48	rVB	36123	30833	2.21%	0.256%
3	1.315	62	70	82	rBV	234705	254890	18.27%	2.116%
4	1.582	146	153	165	rVB	185265	203172	14.56%	1.686%
5	2.129	313	323	340	rBV	344555	481490	34.51%	3.997%
6	2.319	372	382	392	rVB	34672	50635	3.63%	0.420%
7	3.942	871	887	917	rBV	145132	480285	34.43%	3.987%
8	4.396	1011	1028	1049	rBV	246970	600272	43.03%	4.983%
9	5.093	1226	1245	1268	rBV2	572850	1395041	100.00%	11.580%
10	5.659	1406	1421	1438	rBV	442855	872190	62.52%	7.240%
11	6.113	1546	1562	1585	rBV	322763	662373	47.48%	5.498%
12	7.026	1833	1846	1866	rBV	145177	273558	19.61%	2.271%
13	7.357	1935	1949	1964	rBV	647533	1130436	81.03%	9.383%
14	7.659	2034	2043	2062	rBV	89279	156366	11.21%	1.298%
15	8.132	2175	2190	2212	rBV	632355	1244487	89.21%	10.330%
16	8.283	2228	2237	2255	rVB2	62861	113975	8.17%	0.946%
17	8.891	2413	2426	2446	rBV	682512	1113524	79.82%	9.243%
18	9.852	2715	2725	2732	rBV10	12209	19375	1.39%	0.161%
19	10.254	2837	2850	2864	rBV	242404	390422	27.99%	3.241%
20	11.193	3132	3142	3155	rBV4	39610	66571	4.77%	0.553%
21	11.289	3160	3172	3191	rBV	667505	1031268	73.92%	8.560%
22	11.576	3248	3261	3275	rBV7	17317	36214	2.60%	0.301%
23	11.666	3275	3289	3306	rBV	651658	1036200	74.28%	8.601%
24	12.386	3502	3513	3529	rBV	150804	242316	17.37%	2.011%
25	13.479	3846	3853	3860	rBV10	13755	20009	1.43%	0.166%
26	13.550	3867	3875	3888	rVB2	15942	30959	2.22%	0.257%
27	15.354	4425	4436	4439	rBV2	9347	14096	1.01%	0.117%

Sum of corrected areas: 12047104

LSC Report - Integrated Chromatogram

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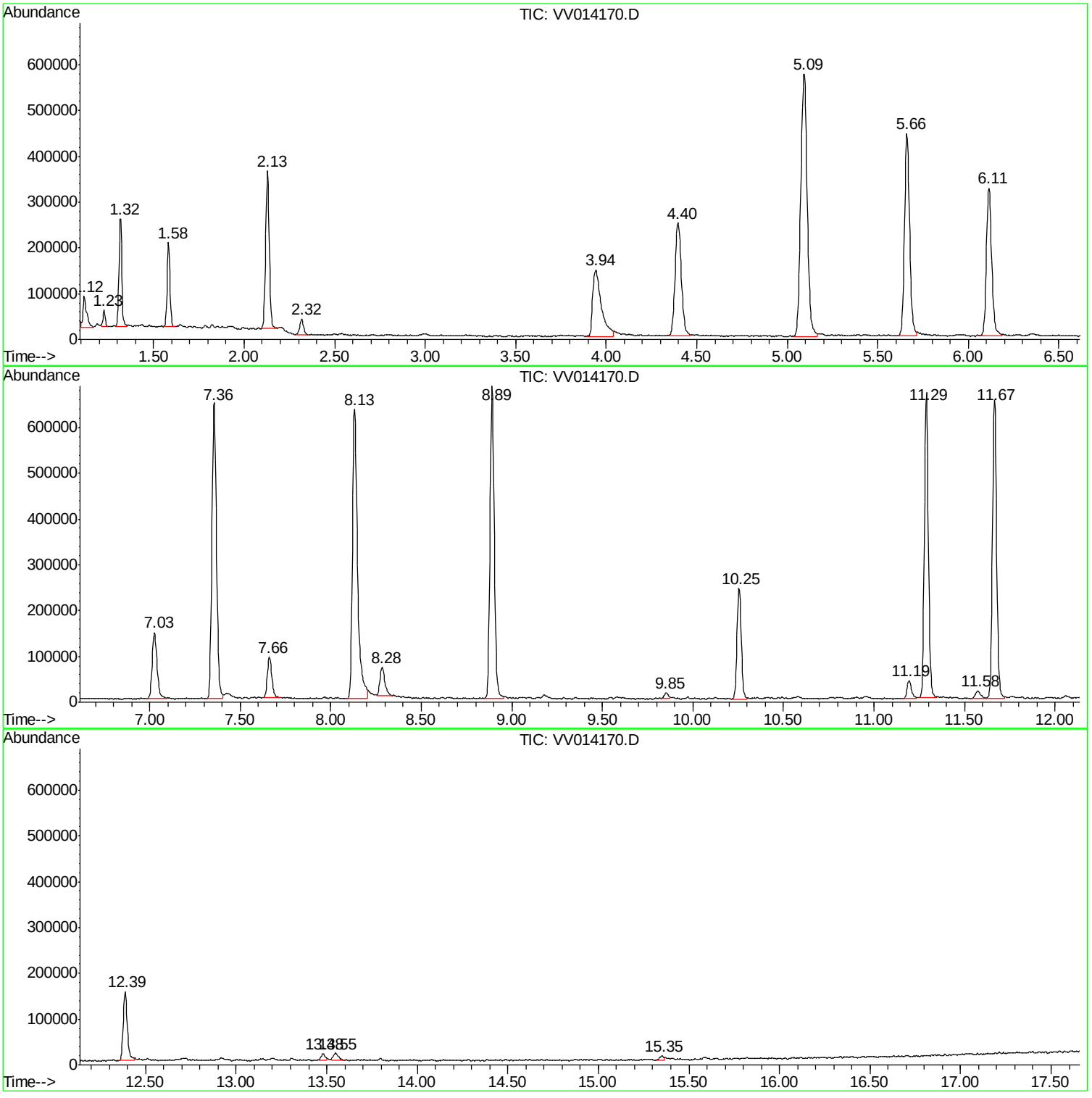
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122319\
Data File : VV014170.D
Acq On : 23 Dec 2019 20:19
Operator : SY/MD
Sample : K6404-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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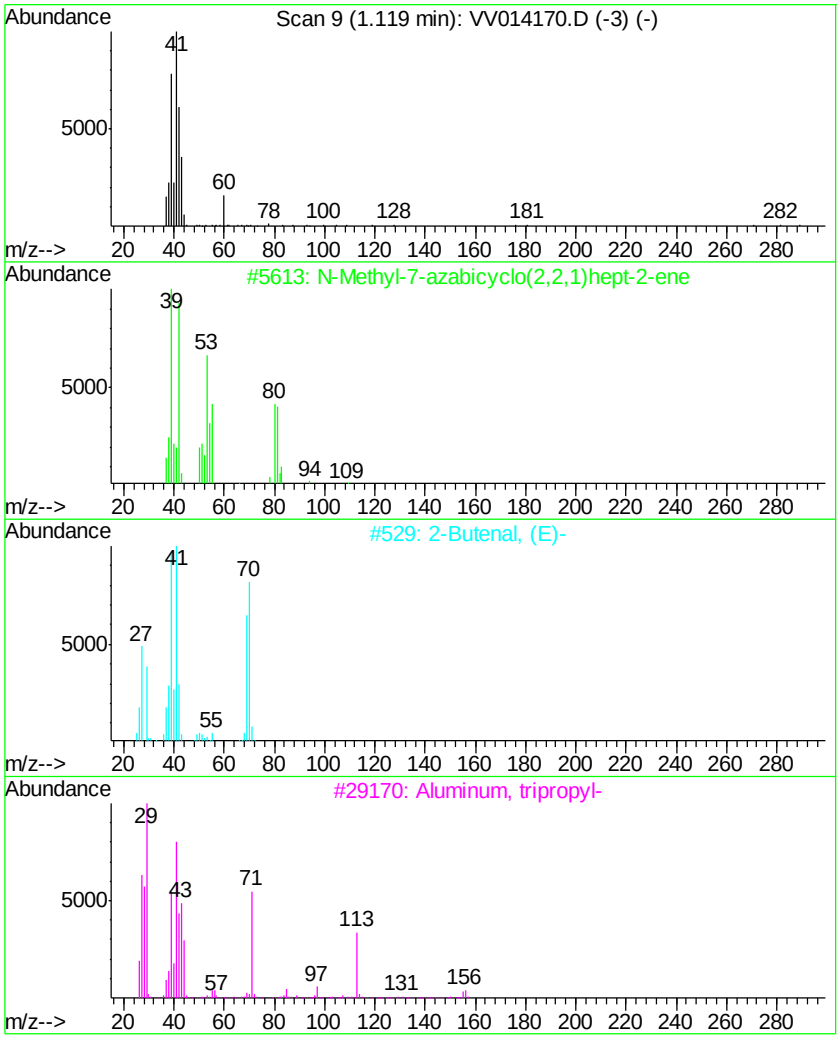
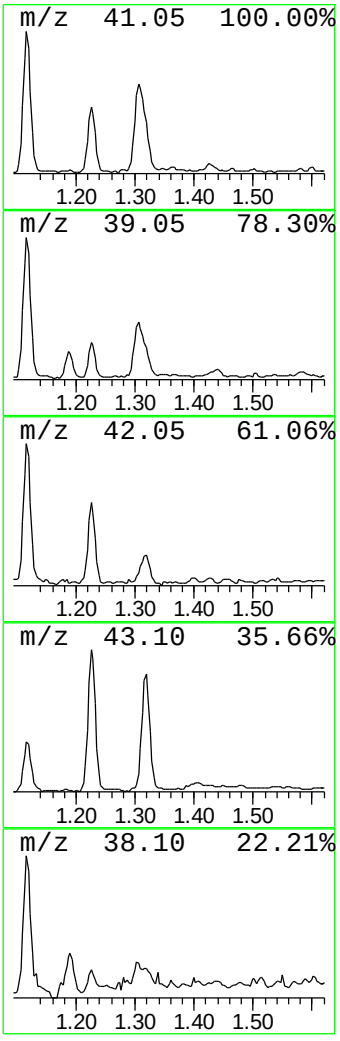
Peak Number 1 N-Methyl-7-azabicyclo(2,2,1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	0.55 ug/L	96147	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	78
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3	Aluminum, tripropyl-	156	C9H21Al	000102-67-0	74
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64





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Data File : VV014170.D
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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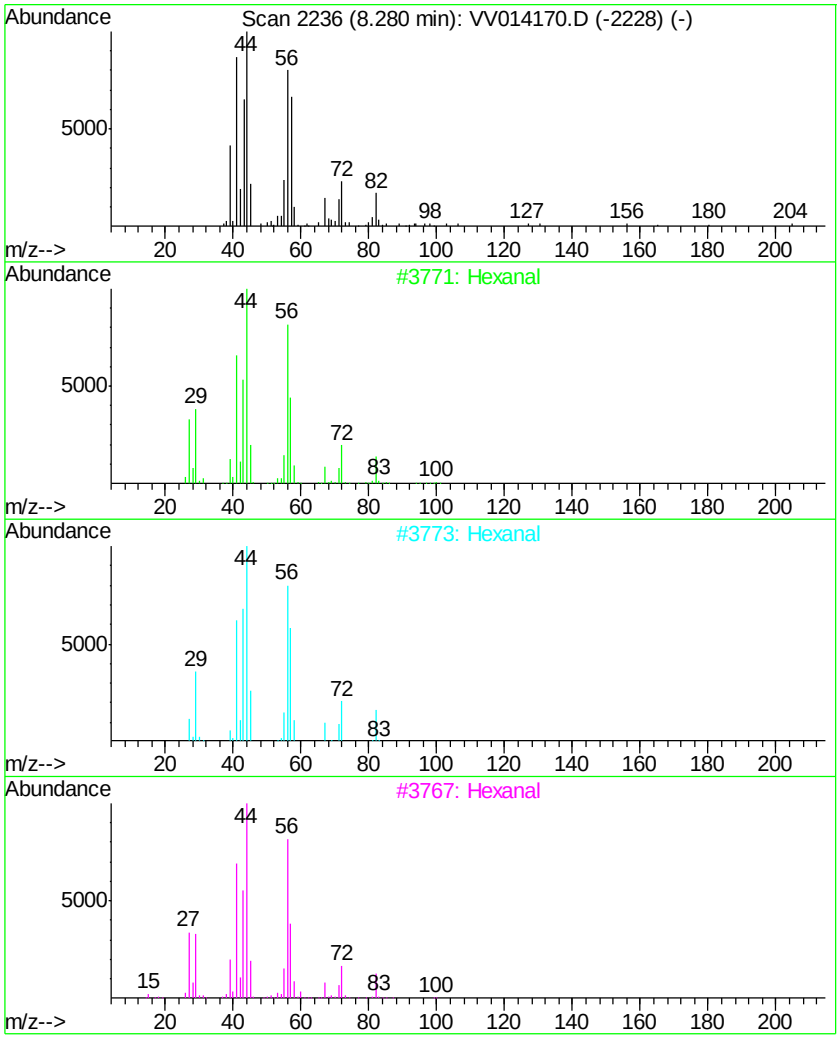
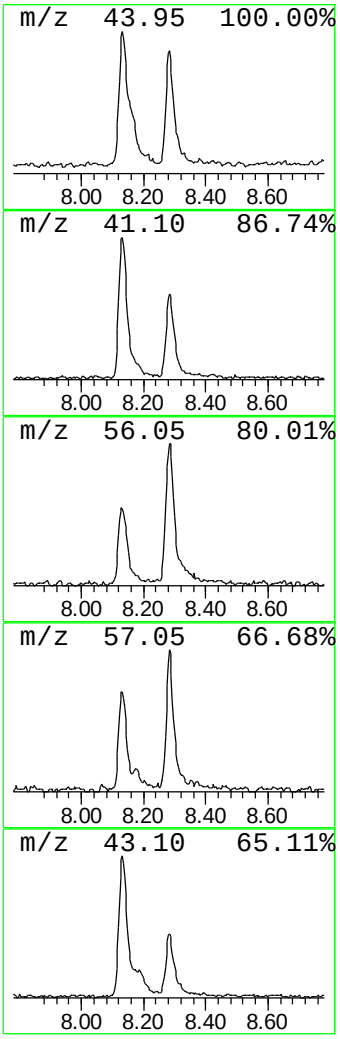
Peak Number 3 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.51 ug/L	113975	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	81
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43





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Data File : VV014170.D
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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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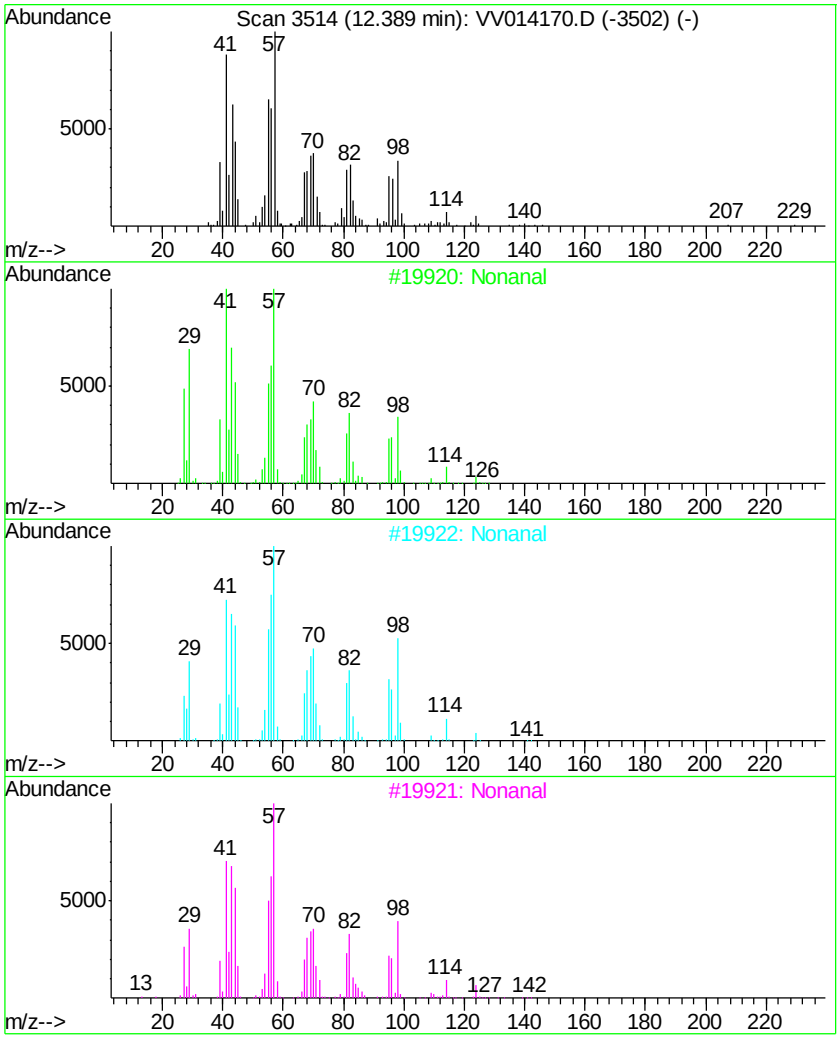
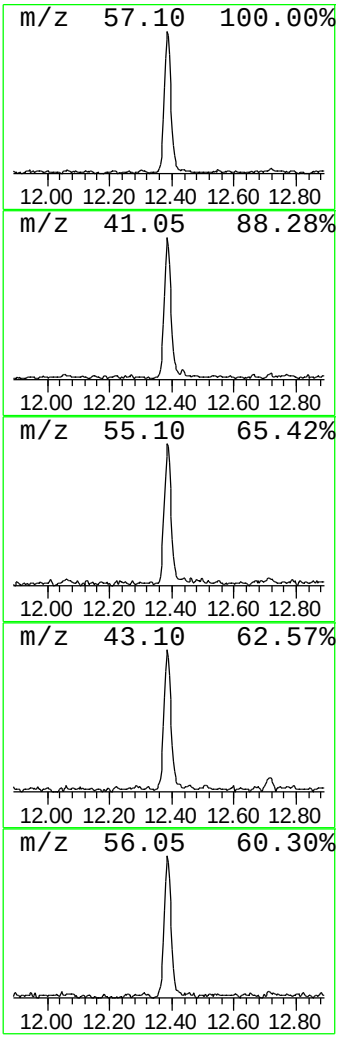
Peak Number 4 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	1.17 ug/L	242316	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	86
3	Nonanal	142	C9H18O	000124-19-6	76
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	41
5	2-Nonen-1-ol	142	C9H18O	022104-79-6	41





Tentatively Identified Compound (LSC) summary

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.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
N-Methyl-7-azabic...	1.12	0.6	ug/L	96147	1	5.66	872190	5.0
Hexanal	8.28	0.5	ug/L	113975	2	8.89	1113520	5.0
Nonanal	12.39	1.2	ug/L	242316	3	11.29	1031270	5.0