LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
Data File : VU038846.D
Acq On : 12 Jun 2020 13:14
Operator : SY/MD
Sample : L2933-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

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\SOMUTR061220WMA.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	1.610	72	84	94	rBV	134131	150120	1.40%	0.660%
2	1.932	176	184	203	rVB	103427	137579	1.28%	0.605%
3	2.585	376	387	402	rBV	227192	359826	3.36%	1.581%
4	3.096	521	546	559	rBV2	201266	490088	4.57%	2.153%
5	3.376	617	633	653	rBV	679754	1516591	14.15%	6.664%
6	3.720	724	740	757	rBV	342159	770713	7.19%	3.387%
7	4.569	981	1004	1040	rBV	4411875	10714853	100.00%	47.081%
8	4.758	1046	1063	1075	rBV2	137993	499646	4.66%	2.195%
9	5.115	1160	1174	1194	rVB	197694	425435	3.97%	1.869%
10	5.427	1255	1271	1289	rBV2	96059	218339	2.04%	0.959%
11	5.768	1357	1377	1399	rBV2	434978	1025698	9.57%	4.507%
12	6.289	1525	1539	1568	rBV	357001	690526	6.44%	3.034%
13	6.732	1662	1677	1696	rBV	237516	461101	4.30%	2.026%
14	7.597	1933	1946	1969	rBV	125937	217822	2.03%	0.957%
15	7.925	2033	2048	2063	rBV	473676	825277	7.70%	3.626%
16	8.208	2124	2136	2152	rBV	80604	135979	1.27%	0.597%
17	8.668	2264	2279	2315	rBV	722136	1329091	12.40%	5.840%
18	9.440	2503	2519	2536	rBV	528788	866804	8.09%	3.809%
19	10.774	2919	2934	2946	rBV	192475	307562	2.87%	1.351%
20	11.826	3248	3261	3277	rVB	541188	852210	7.95%	3.745%
21	12.208	3361	3380	3396	rBV	475541	762907	7.12%	3.352%

Sum of corrected areas: 22758167

LSC Report - Integrated Chromatogram

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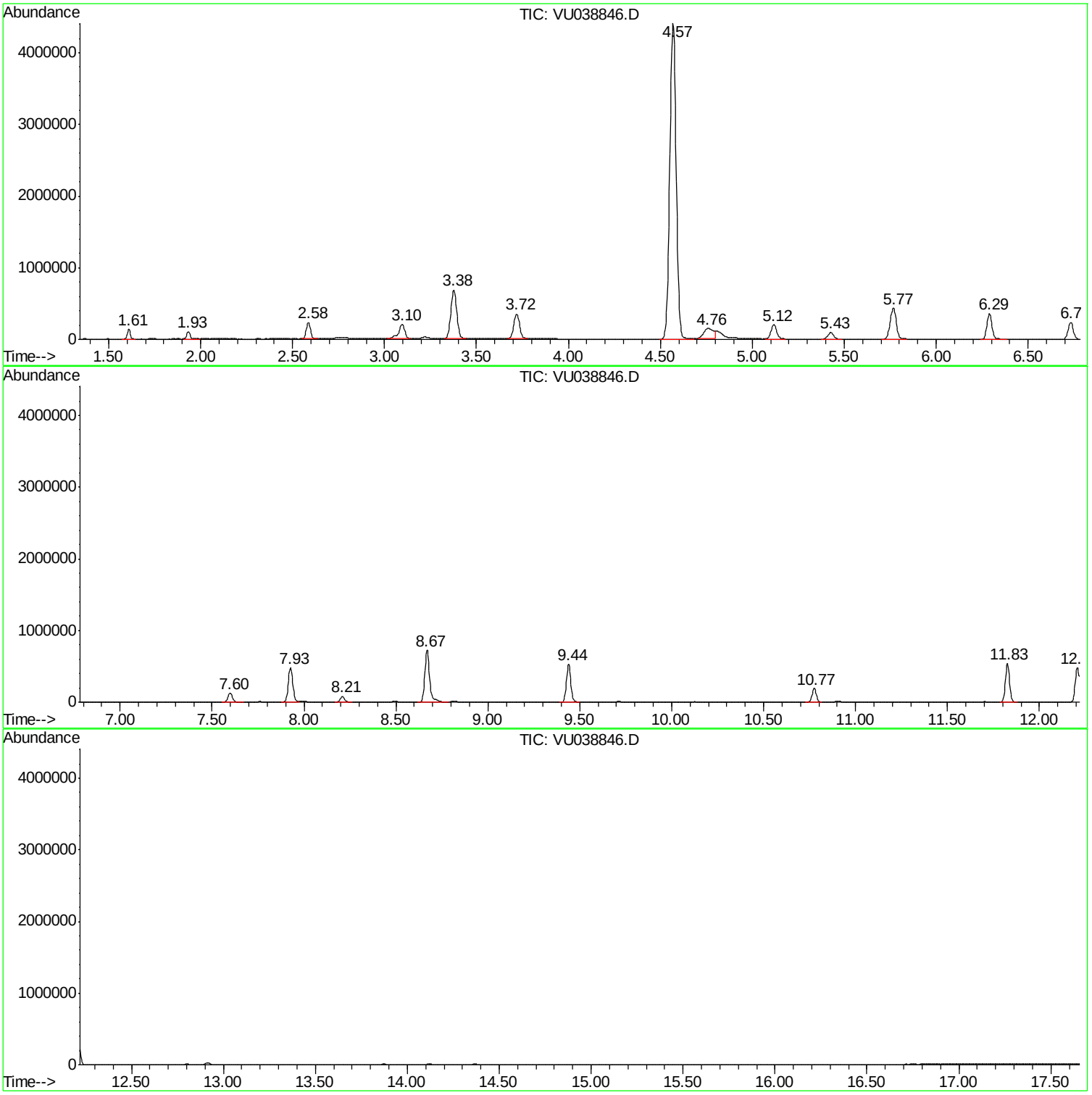
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.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\VU061320\
Data File : VU038846.D
Acq On : 12 Jun 2020 13:14
Operator : SY/MD
Sample : L2933-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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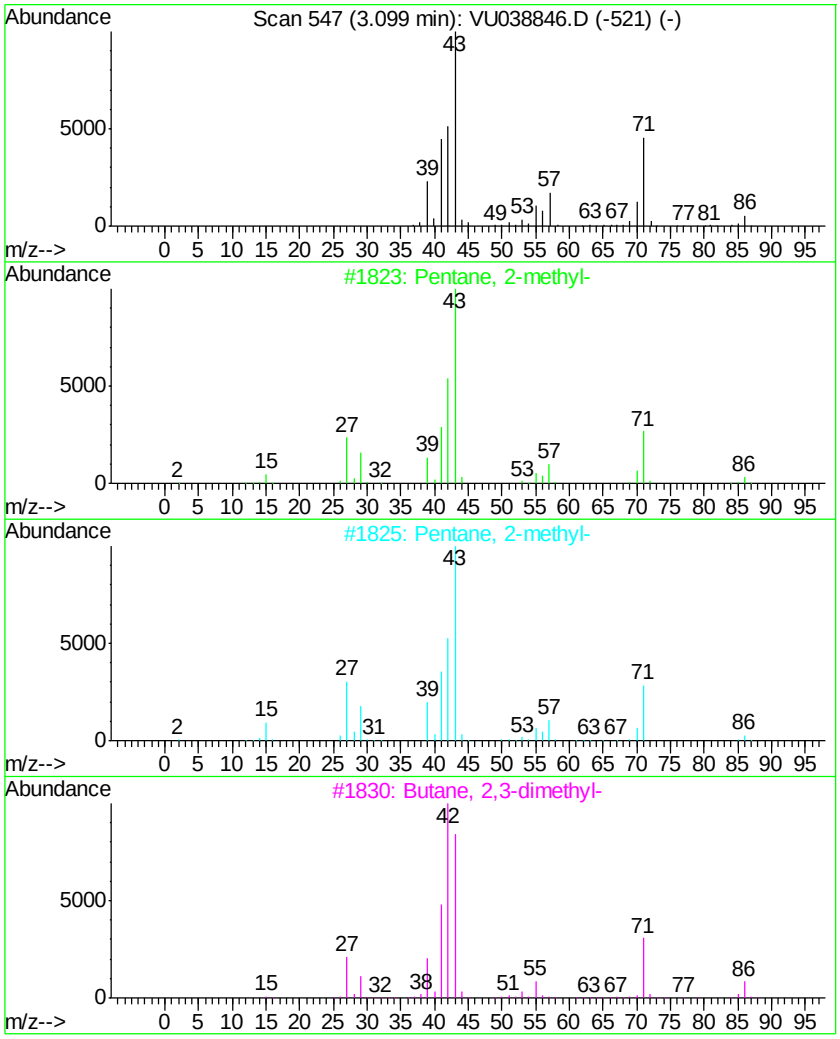
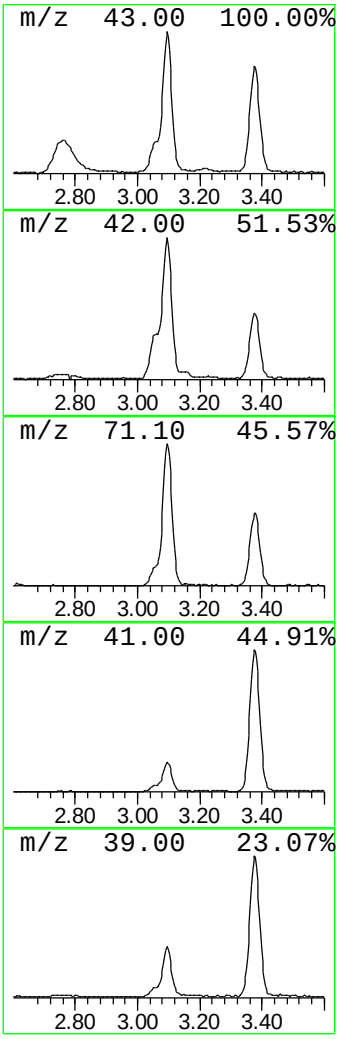
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	3.55 ug/L	490088	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
Data File : VU038846.D
Acq On : 12 Jun 2020 13:14
Operator : SY/MD
Sample : L2933-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

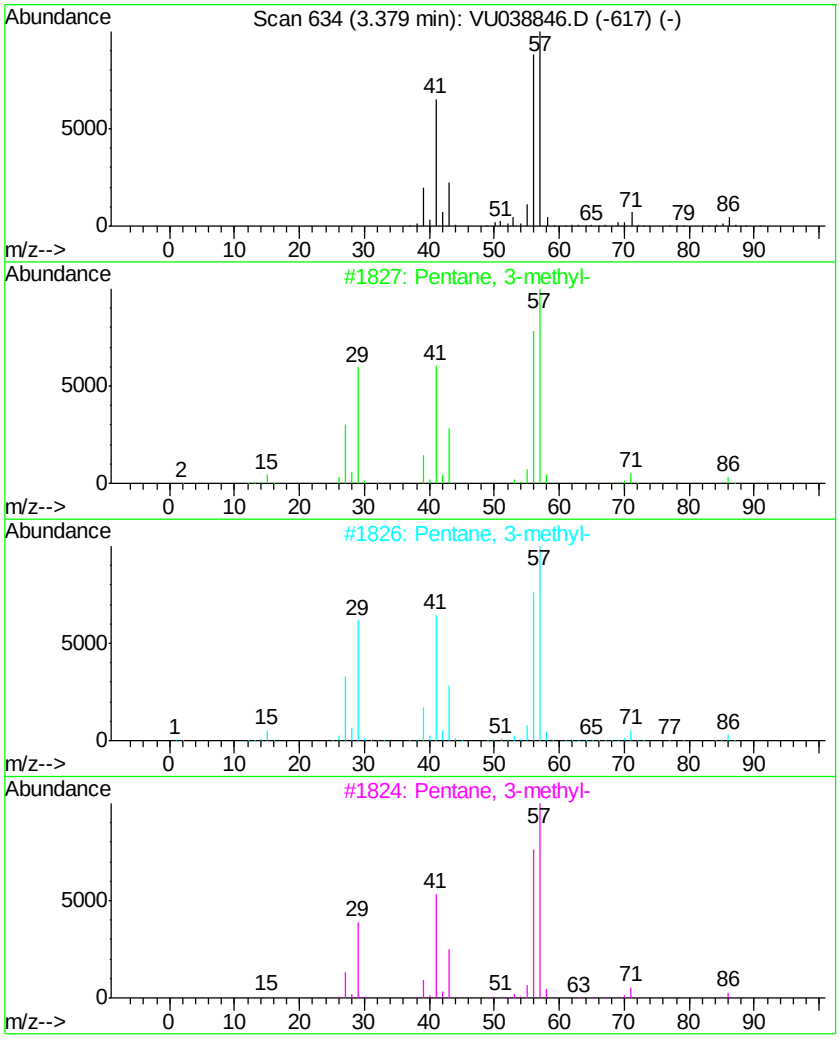
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0

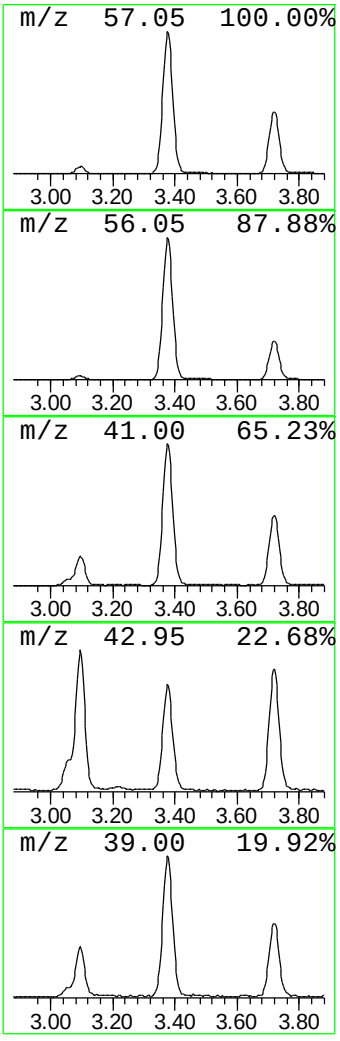
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	10.98 ug/L	1516590	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
Data File : VU038846.D
Acq On : 12 Jun 2020 13:14
Operator : SY/MD
Sample : L2933-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

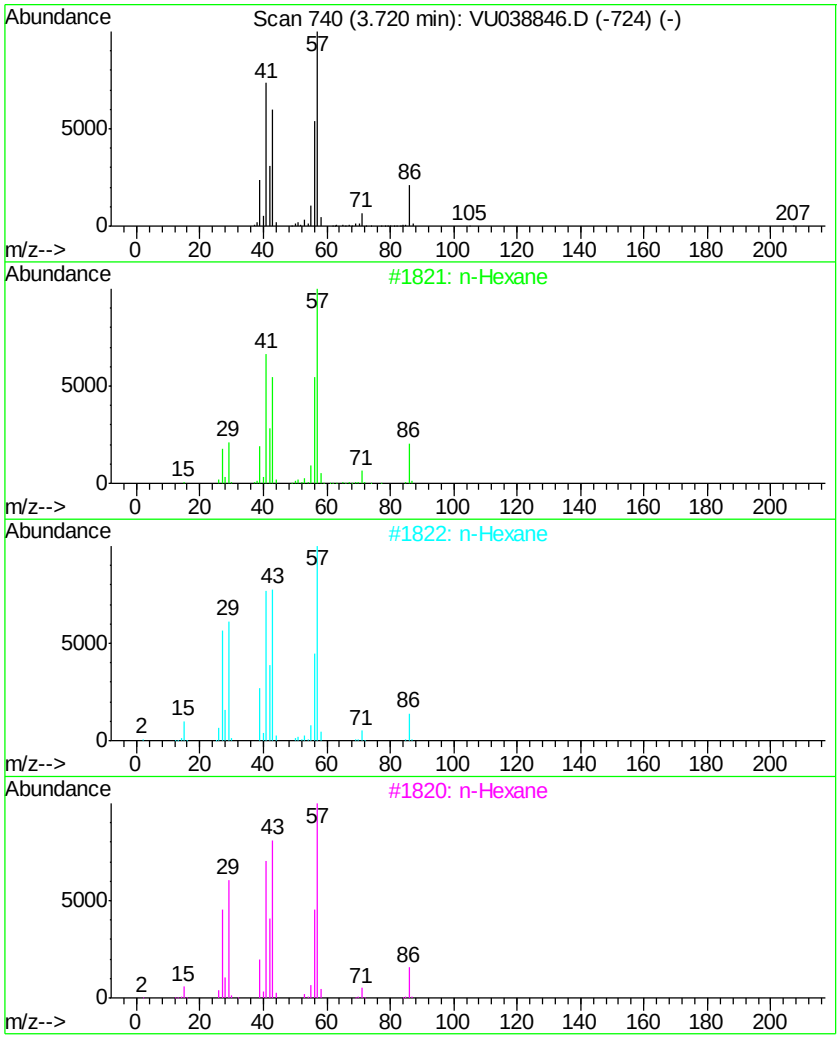
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0

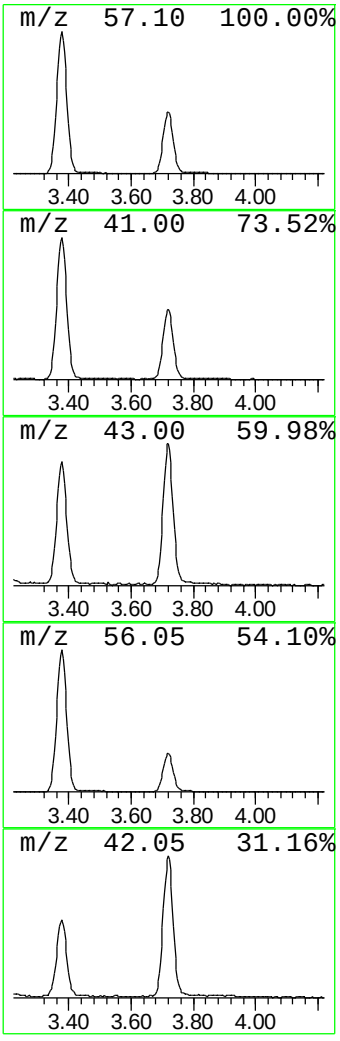
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	5.58 ug/L	770713	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061320\
Data File : VU038846.D
Acq On : 12 Jun 2020 13:14
Operator : SY/MD
Sample : L2933-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0

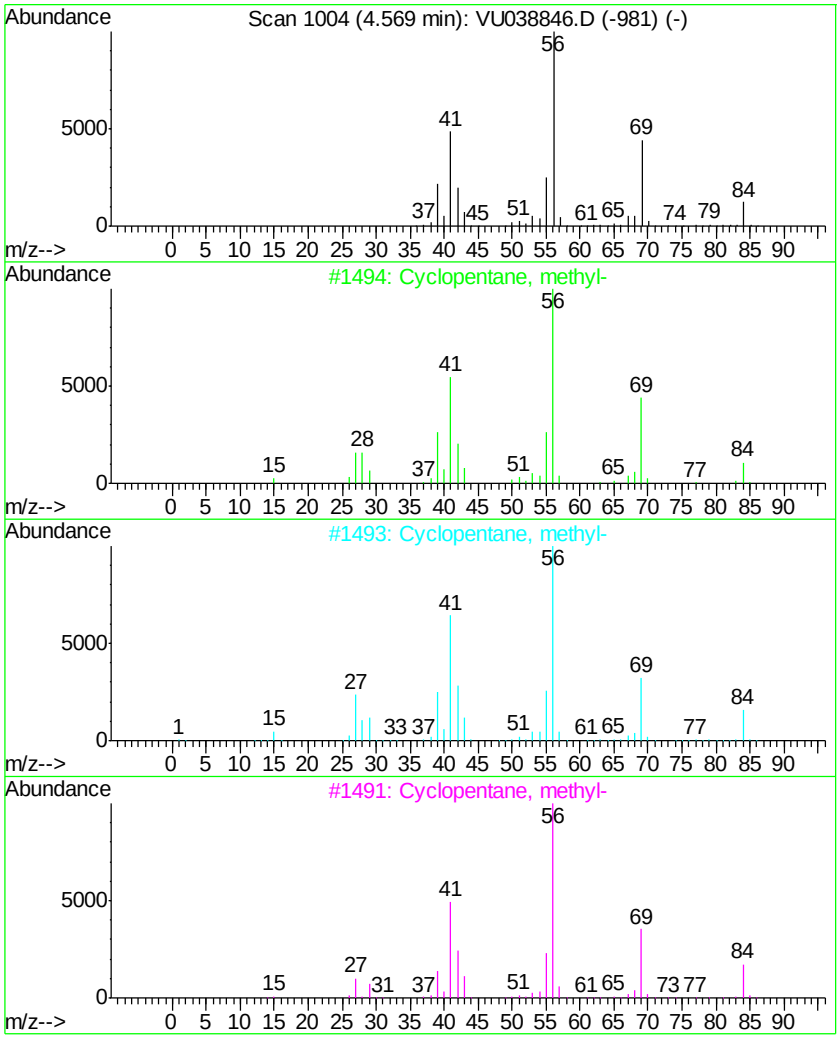
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

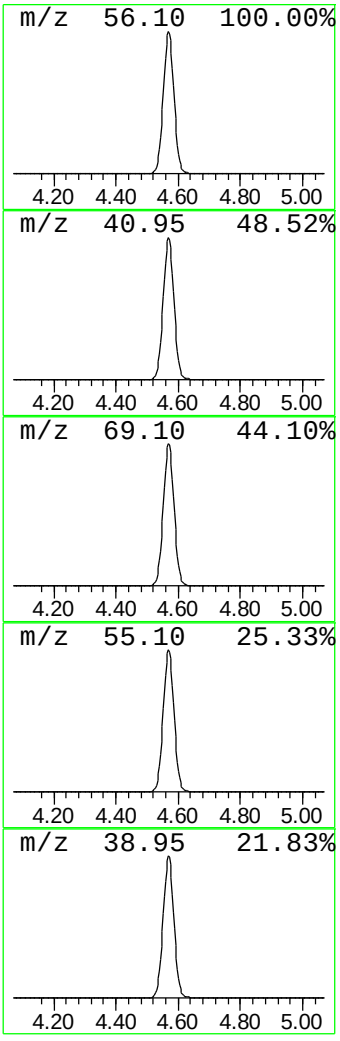
****

Peak Number 4 (DEL) Alkane: Cyclic4.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	77.58 ug/L	10714900	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclohexane	84	C6H12	000110-82-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061320\
Data File : VU038846.D
Acq On : 12 Jun 2020 13:14
Operator : SY/MD
Sample : L2933-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.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
(DEL) Alkane: Str...	3.10	3.5	ug/L	490088	1	6.29	690526	5.0
(DEL) Alkane: Str...	3.38	11.0	ug/L	1516590	1	6.29	690526	5.0
(DEL) Alkane: Str...	3.72	5.6	ug/L	770713	1	6.29	690526	5.0
(DEL) Alkane: Cyc...	4.57	77.6	ug/L	10714900	1	6.29	690526	5.0