LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040462.D
Acq On : 02 Oct 2020 15:42
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

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\SOMUTR092920WMA.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	2.581	374	386	405	rBV	77553	135509	1.46%	0.510%
2	3.099	518	547	570	rBV	1216201	2897833	31.32%	10.897%
3	3.378	614	634	655	rBV	2899168	6412770	69.32%	24.115%
4	3.719	720	740	766	rBV	4200164	9251411	100.00%	34.789%
5	4.317	909	926	947	rBV2	110996	299827	3.24%	1.127%
6	4.452	954	968	981	rBV2	75065	179954	1.95%	0.677%
7	4.552	981	999	1017	rVV	1204891	2885327	31.19%	10.850%
8	4.655	1017	1031	1071	rVB	82678	273429	2.96%	1.028%
9	5.083	1147	1164	1179	rBV	72200	156133	1.69%	0.587%
10	5.404	1247	1264	1279	rBV3	101712	236689	2.56%	0.890%
11	5.742	1348	1369	1390	rBV3	143871	373775	4.04%	1.406%
12	6.263	1514	1531	1551	rBV	163773	309543	3.35%	1.164%
13	6.703	1655	1668	1682	rBV	90826	176677	1.91%	0.664%
14	7.906	2032	2042	2057	rVB2	177220	308412	3.33%	1.160%
15	8.639	2257	2270	2299	rBV	271307	490577	5.30%	1.845%
16	9.423	2500	2514	2516	rBV	251848	371817	4.02%	1.398%
17	9.449	2517	2522	2538	rVB	419664	646765	6.99%	2.432%
18	10.754	2914	2928	2942	rBV	75534	122480	1.32%	0.461%
19	11.809	3244	3256	3277	rVB3	256107	564712	6.10%	2.124%
20	12.188	3361	3374	3389	rVB	194117	326586	3.53%	1.228%
21	13.828	3873	3884	3899	rBV	108463	172397	1.86%	0.648%

Sum of corrected areas: 26592623

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100220\
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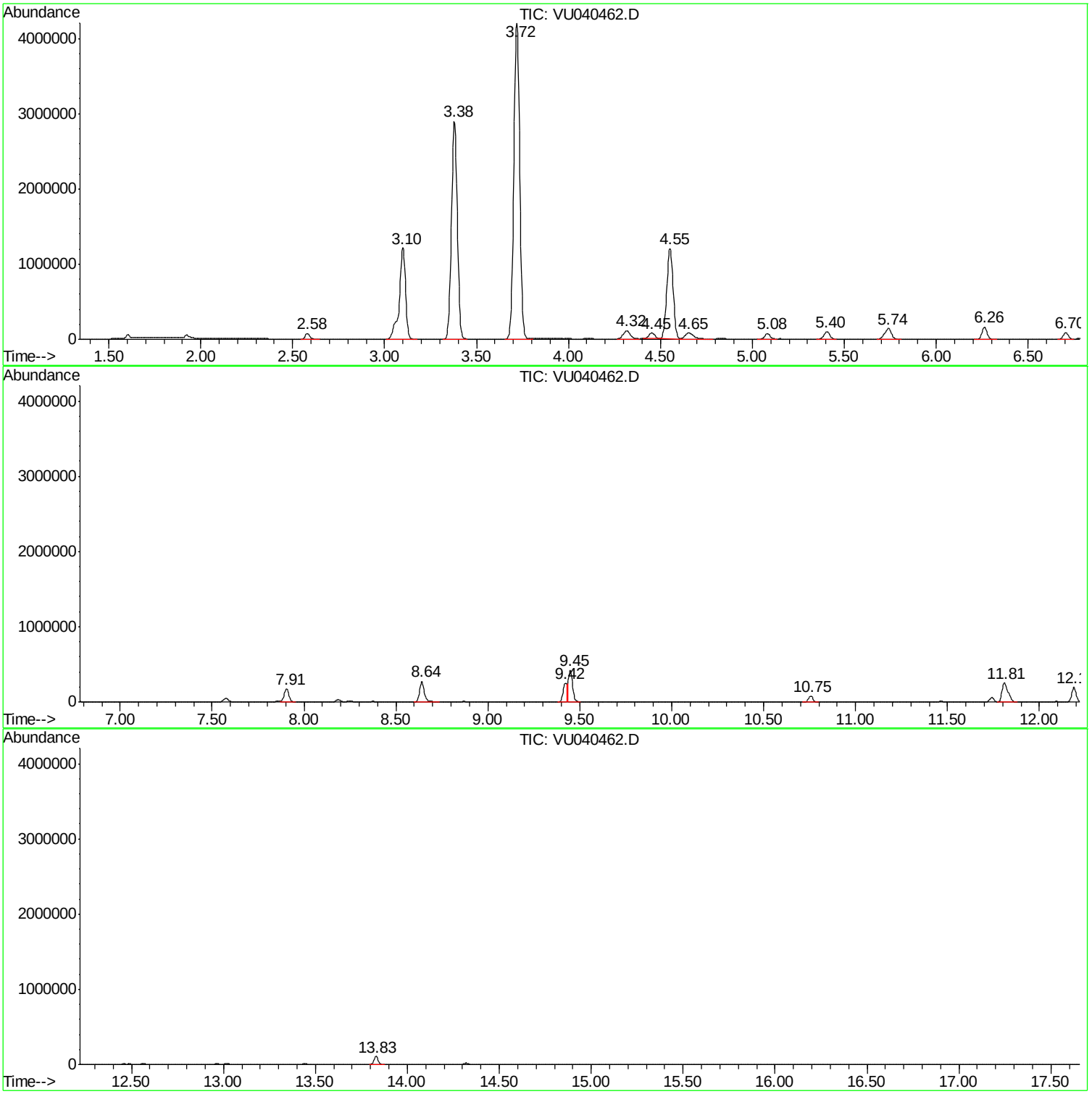
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.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 U\DATA\VU100220\
Data File : VU040462.D
Acq On : 02 Oct 2020 15:42
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

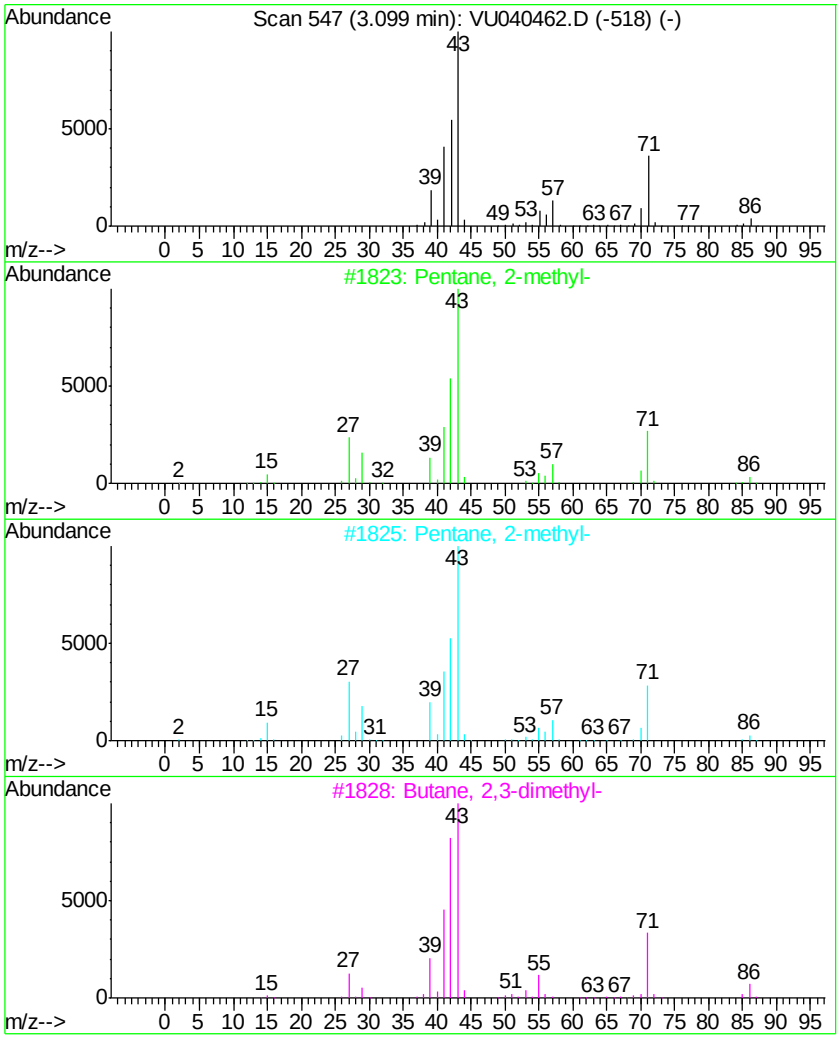
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

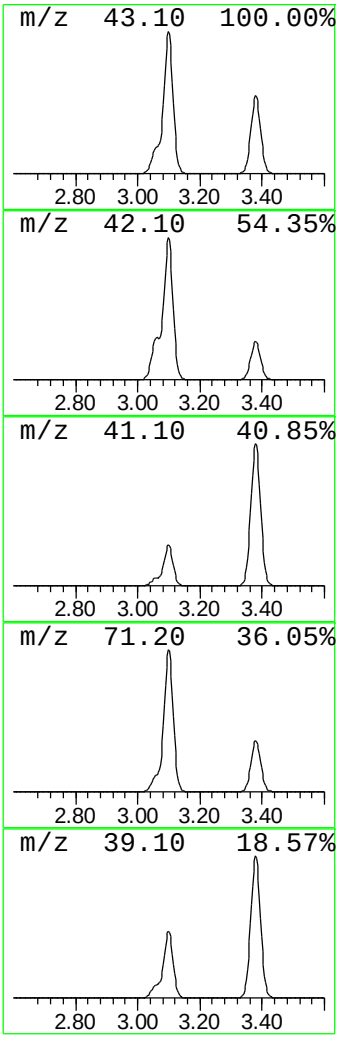
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	46.81 ug/L	2897830	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	42
5	Pentane	72	C5H12	000109-66-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040462.D
Acq On : 02 Oct 2020 15:42
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

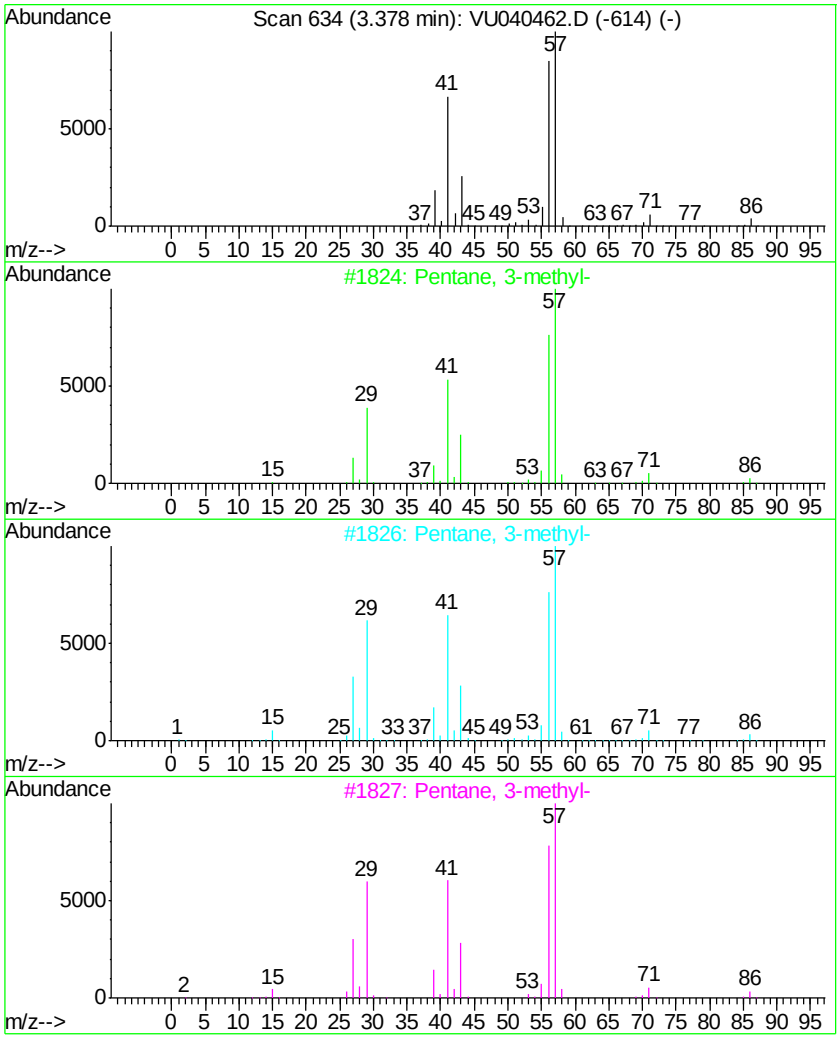
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

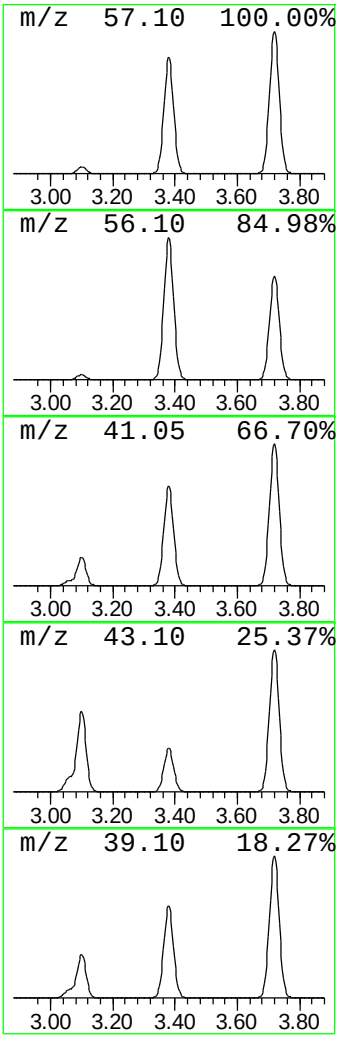
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	103.58 ug/L	6412770	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040462.D
Acq On : 02 Oct 2020 15:42
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

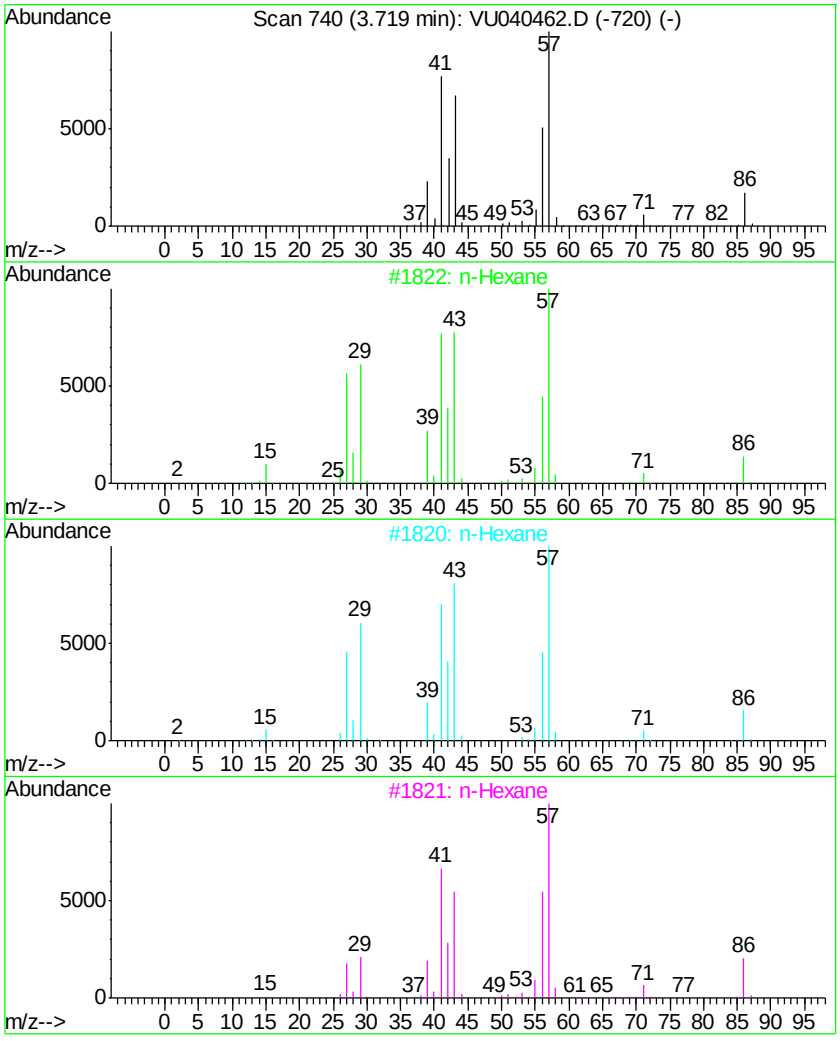
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

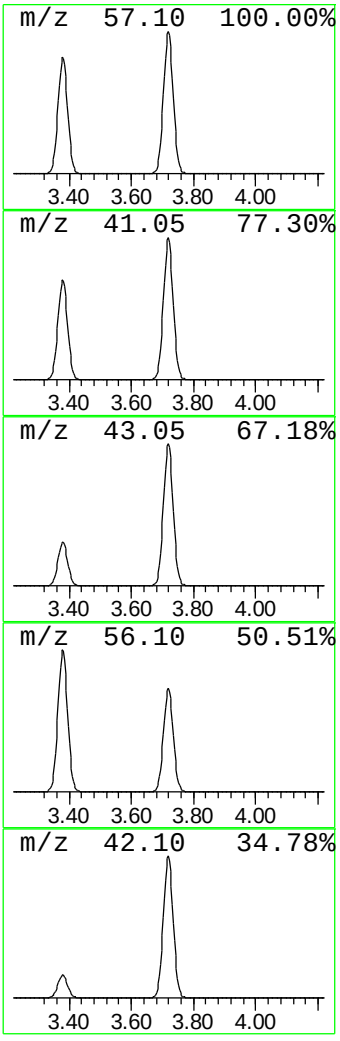
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	149.44 ug/L	9251410	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	91
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040462.D
Acq On : 02 Oct 2020 15:42
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

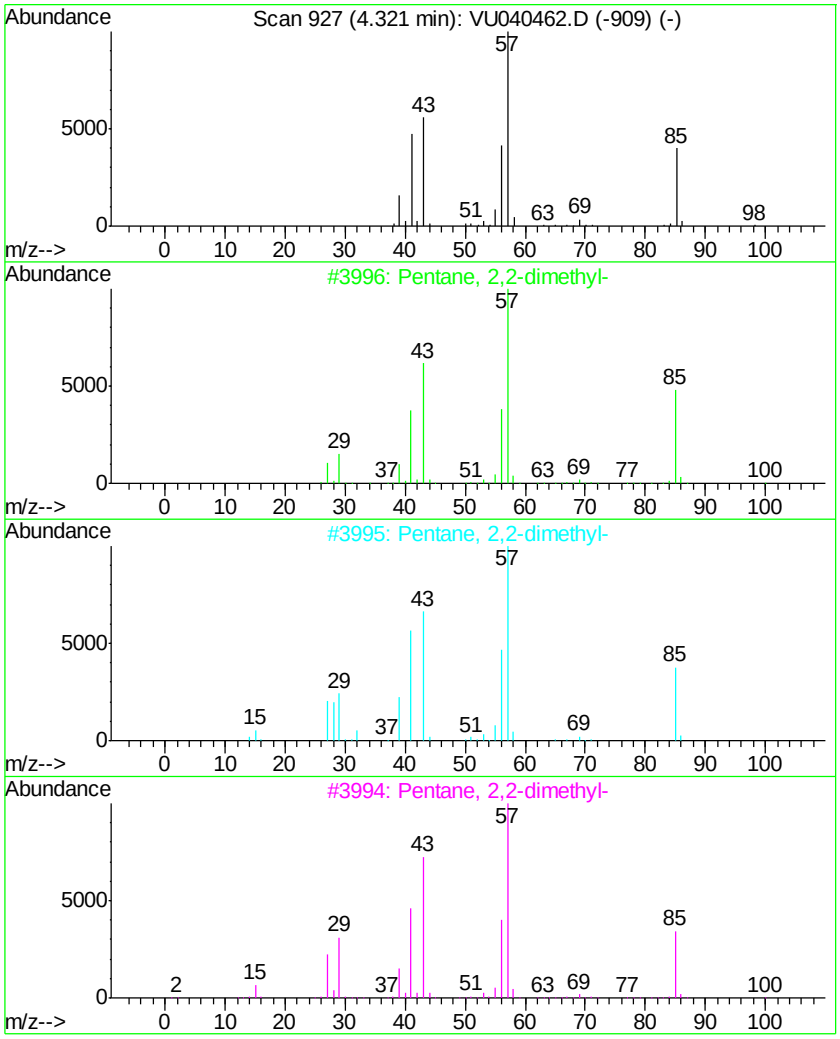
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

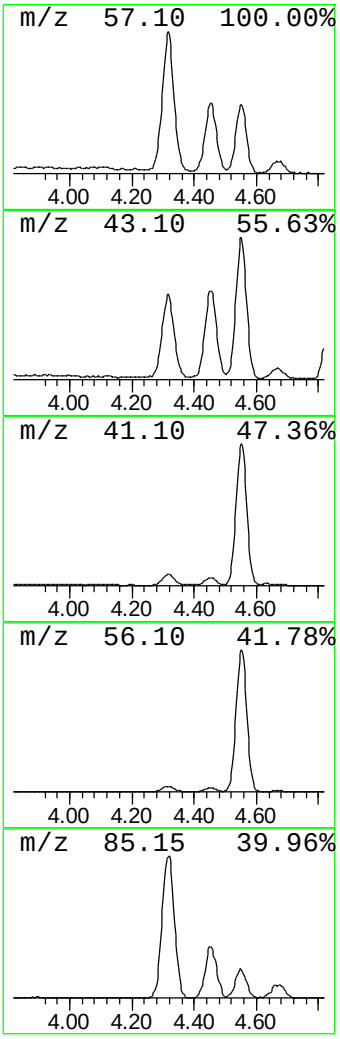
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	4.84 ug/L	299827	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100220\
Data File : VU040462.D
Acq On : 02 Oct 2020 15:42
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

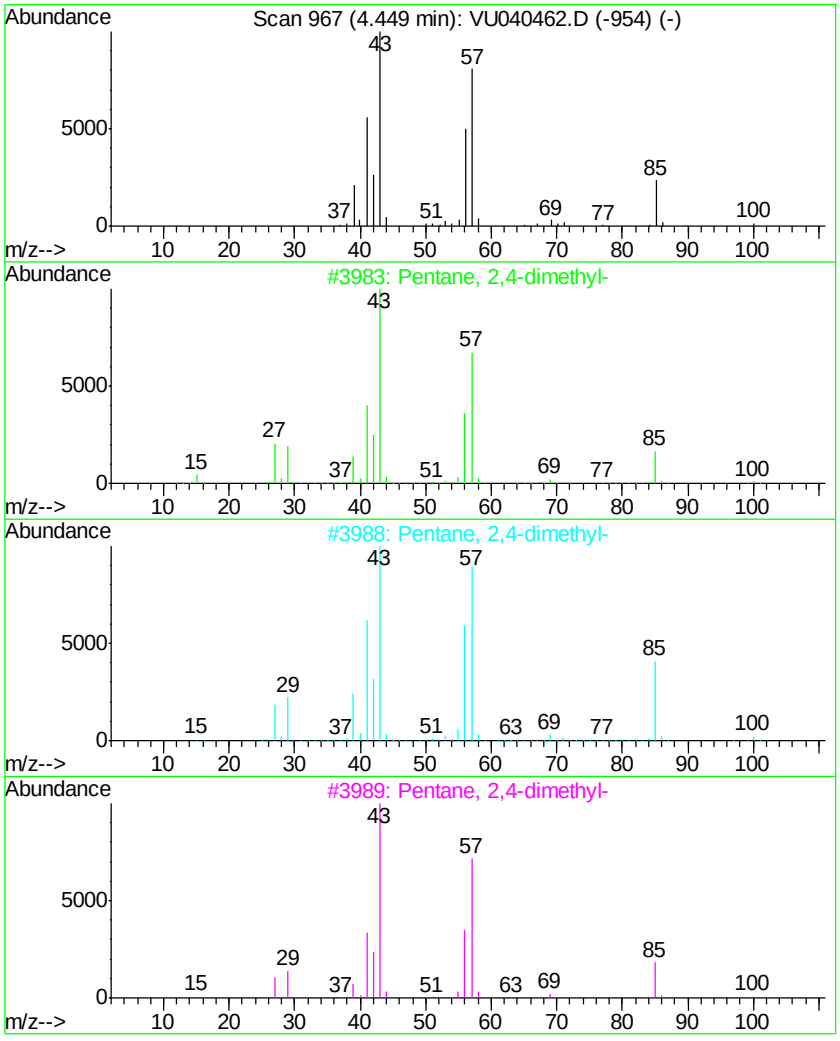
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

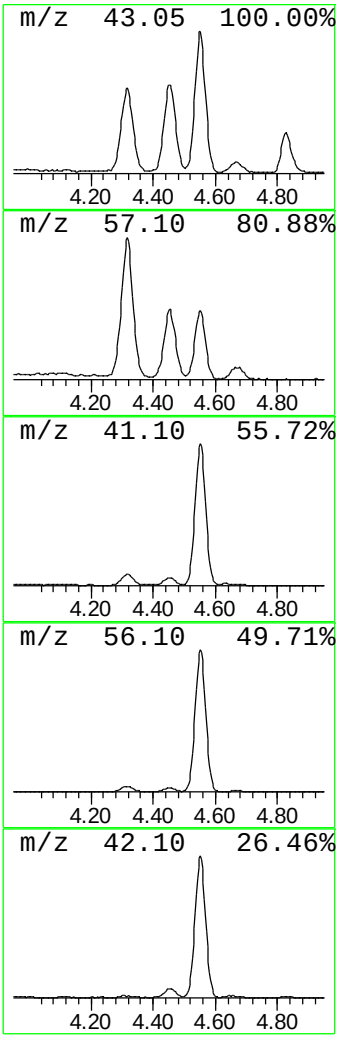
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	2.91 ug/L	179954	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
Data File : VU040462.D
Acq On : 02 Oct 2020 15:42
Operator : SY/MD
Sample : L4240-09DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG3S7DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

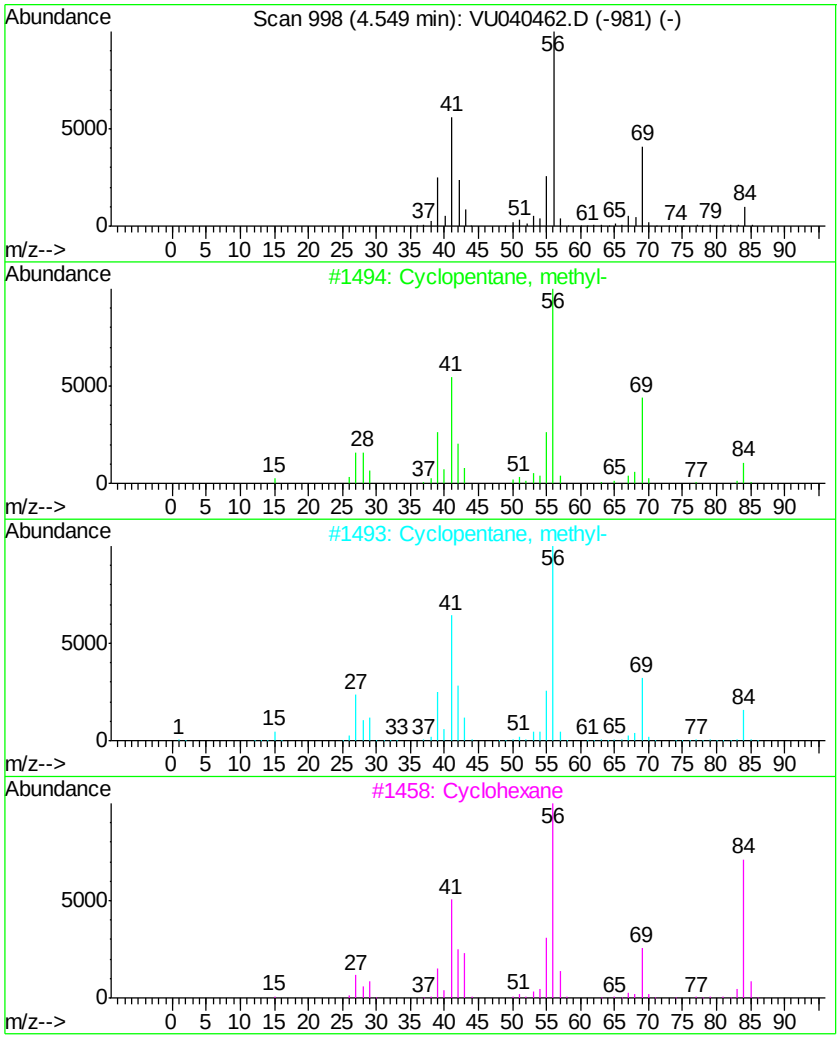
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

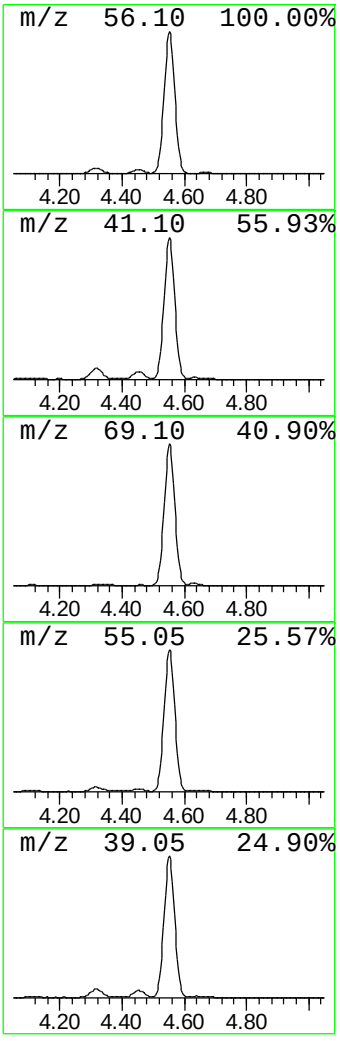
****

Peak Number 6 (DEL) Alkane: Cyclic4.55 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	46.61 ug/L	2885330	1,4-Difluorobenzene	6.26

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	Cyclohexane	84	C6H12	000110-82-7	78
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100220\
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ALS Vial : 14 Sample Multiplier: 1

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.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	46.8	ug/L	2897830	1	6.26	309543	5.0
(DEL) Alkane: Str...	3.38	103.6	ug/L	6412770	1	6.26	309543	5.0
(DEL) Alkane: Str...	3.72	149.4	ug/L	9251410	1	6.26	309543	5.0
(DEL) Alkane: Str...	4.32	4.8	ug/L	299827	1	6.26	309543	5.0
(DEL) Alkane: Str...	4.45	2.9	ug/L	179954	1	6.26	309543	5.0
(DEL) Alkane: Cyc...	4.55	46.6	ug/L	2885330	1	6.26	309543	5.0