LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

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\SOMVTR080918WMA.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	1.029	28	43	64	rBV	7299144	8651007	100.00%	27.902%
2	1.119	64	71	96	rVV	7505112	7221138	83.47%	23.290%
3	1.228	98	105	116	rVB	1977134	1720905	19.89%	5.550%
4	1.318	123	133	141	rBV2	1387683	1447111	16.73%	4.667%
5	1.582	210	215	222	rVB	109209	115746	1.34%	0.373%
6	1.649	229	236	245	rVB	318056	387047	4.47%	1.248%
7	1.823	285	290	303	rVB	81701	108876	1.26%	0.351%
8	2.131	378	386	400	rVB	196808	288388	3.33%	0.930%
9	2.334	438	449	464	rBV	237025	543481	6.28%	1.753%
10	2.601	525	532	544	rVB	83680	143653	1.66%	0.463%
11	2.791	582	591	608	rVB2	132078	231798	2.68%	0.748%
12	3.803	890	906	925	rBV2	58629	146716	1.70%	0.473%
13	3.967	936	957	976	rBV	1188021	2894500	33.46%	9.336%
14	4.408	1077	1094	1114	rBV	155837	372159	4.30%	1.200%
15	4.723	1174	1192	1214	rBV3	91900	229307	2.65%	0.740%
16	5.099	1290	1309	1336	rBV2	362403	863355	9.98%	2.785%
17	5.668	1472	1486	1513	rBV	285506	569684	6.59%	1.837%
18	5.964	1564	1578	1593	rBV2	171703	333813	3.86%	1.077%
19	6.125	1614	1628	1639	rBV	213952	433015	5.01%	1.397%
20	7.035	1896	1911	1933	rBV	91575	169478	1.96%	0.547%
21	7.366	2001	2014	2030	rBV	330131	570877	6.60%	1.841%
22	7.671	2098	2109	2130	rBV	53806	104117	1.20%	0.336%
23	8.022	2197	2218	2241	rBV	380479	646699	7.48%	2.086%
24	8.147	2244	2257	2296	rBV2	368760	860468	9.95%	2.775%
25	8.903	2475	2492	2512	rBV	399219	668284	7.72%	2.155%
26	10.266	2905	2916	2930	rBV2	155291	246304	2.85%	0.794%
27	11.301	3227	3238	3263	rBV	314893	541361	6.26%	1.746%
28	11.678	3342	3355	3376	rBV	294699	495770	5.73%	1.599%

Sum of corrected areas: 31005057

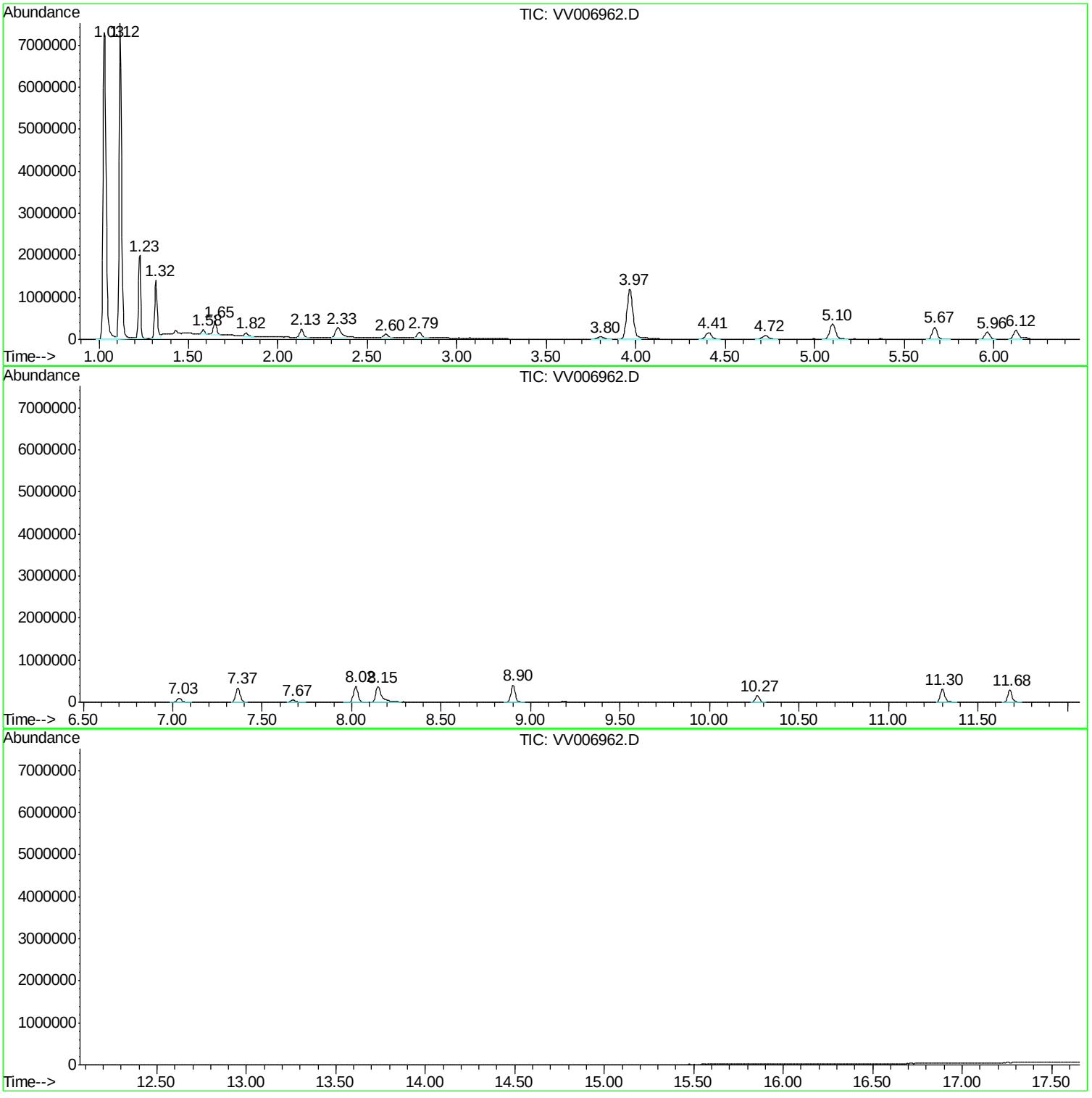
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.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\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

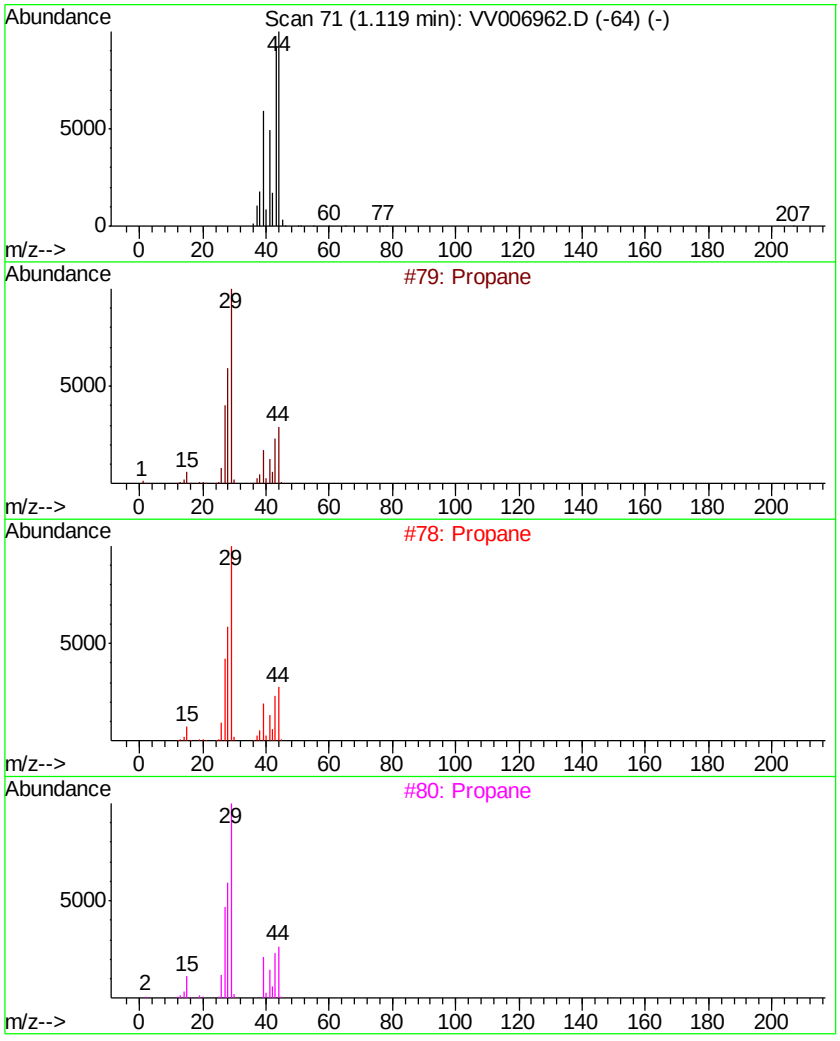
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

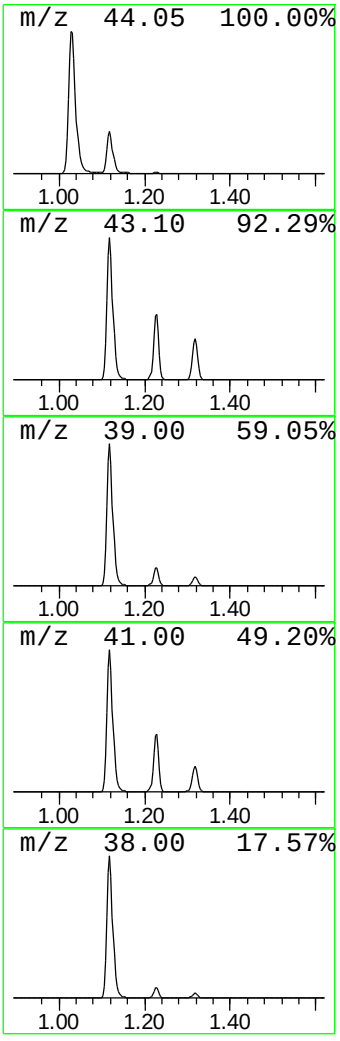
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	63.38 ug/L	7221140	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	78
3	Propane	44	C3H8	000074-98-6	9
4	Acetaldehyde	44	C2H4O	000075-07-0	5
5	Acetaldehyde	44	C2H4O	000075-07-0	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

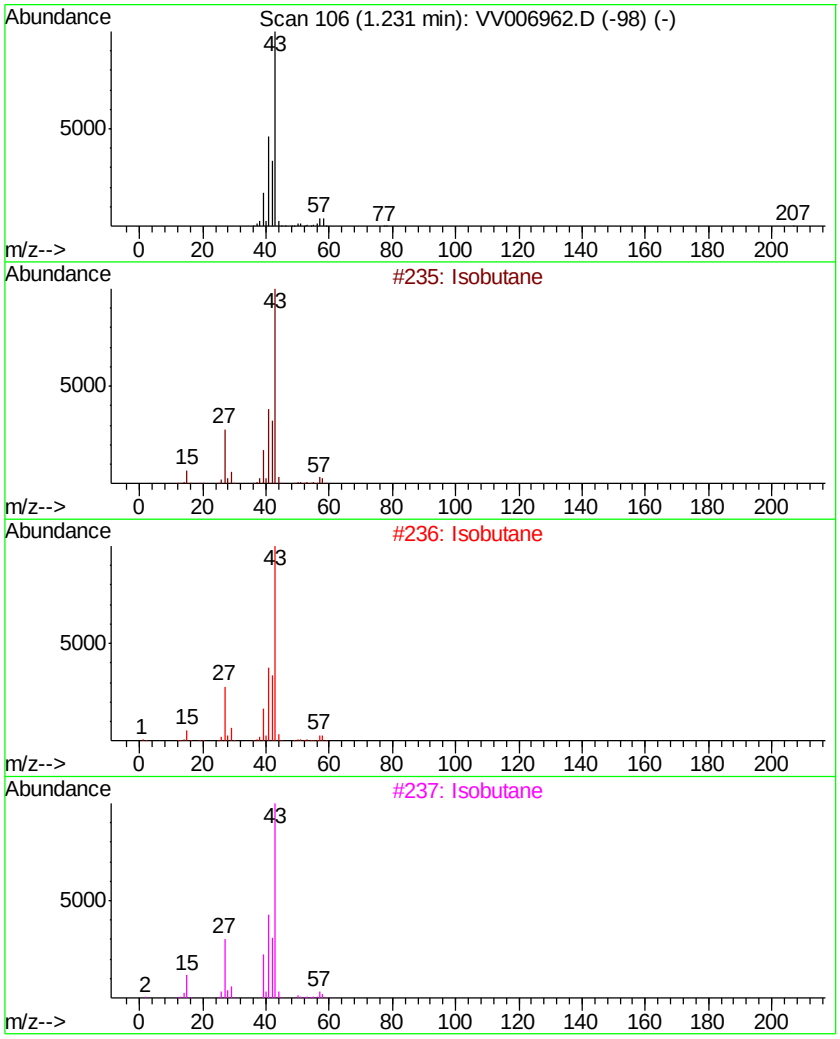
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

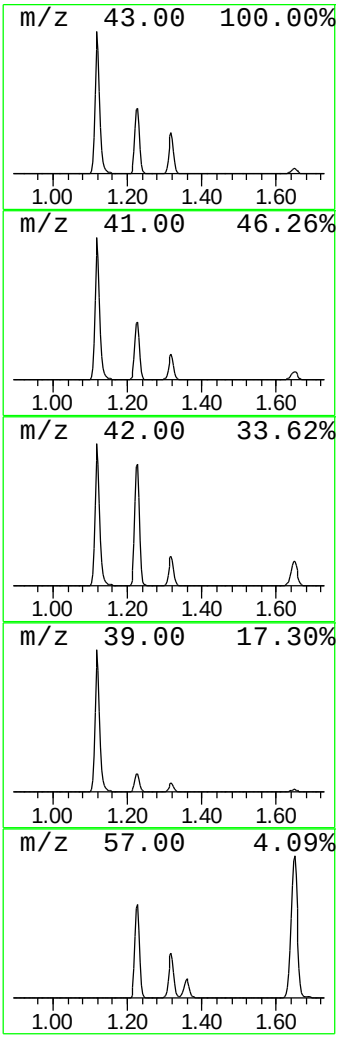
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	15.10 ug/L	1720910	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

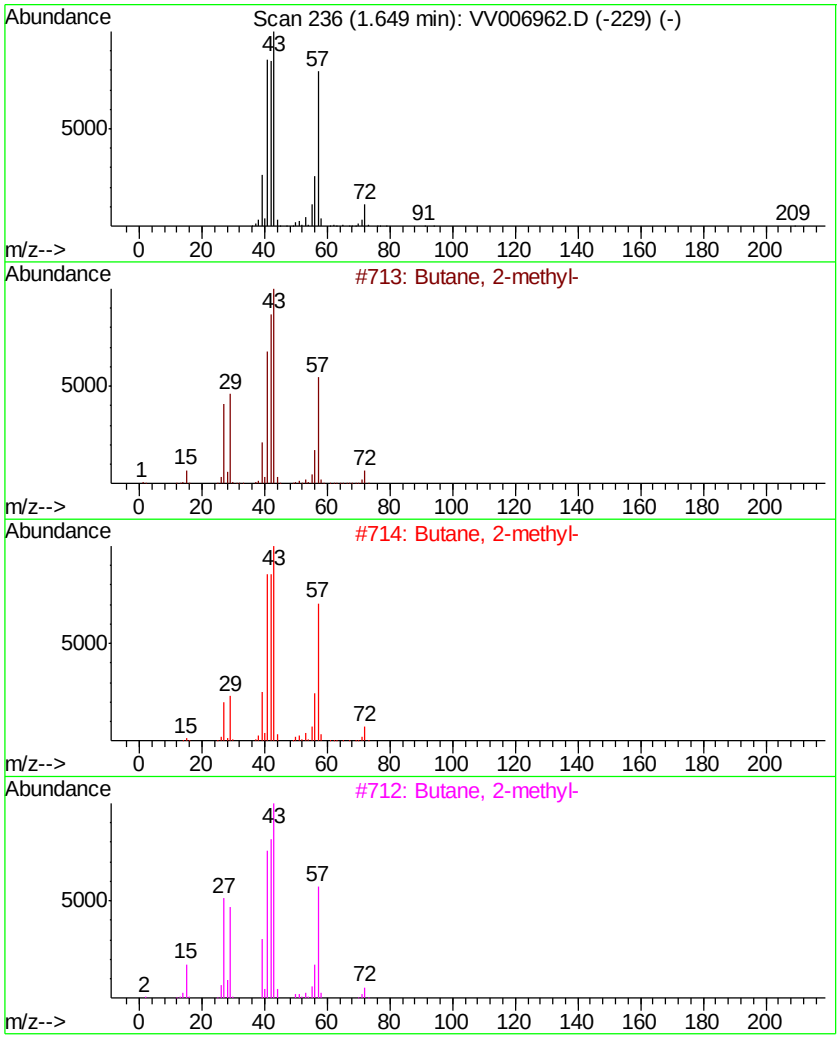
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

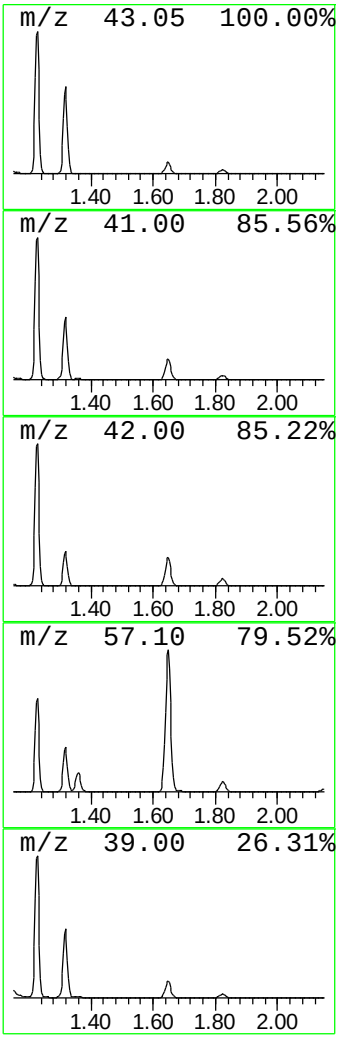
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	3.40 ug/L	387047	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	86
4	Pentane	72	C5H12	000109-66-0	42
5	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

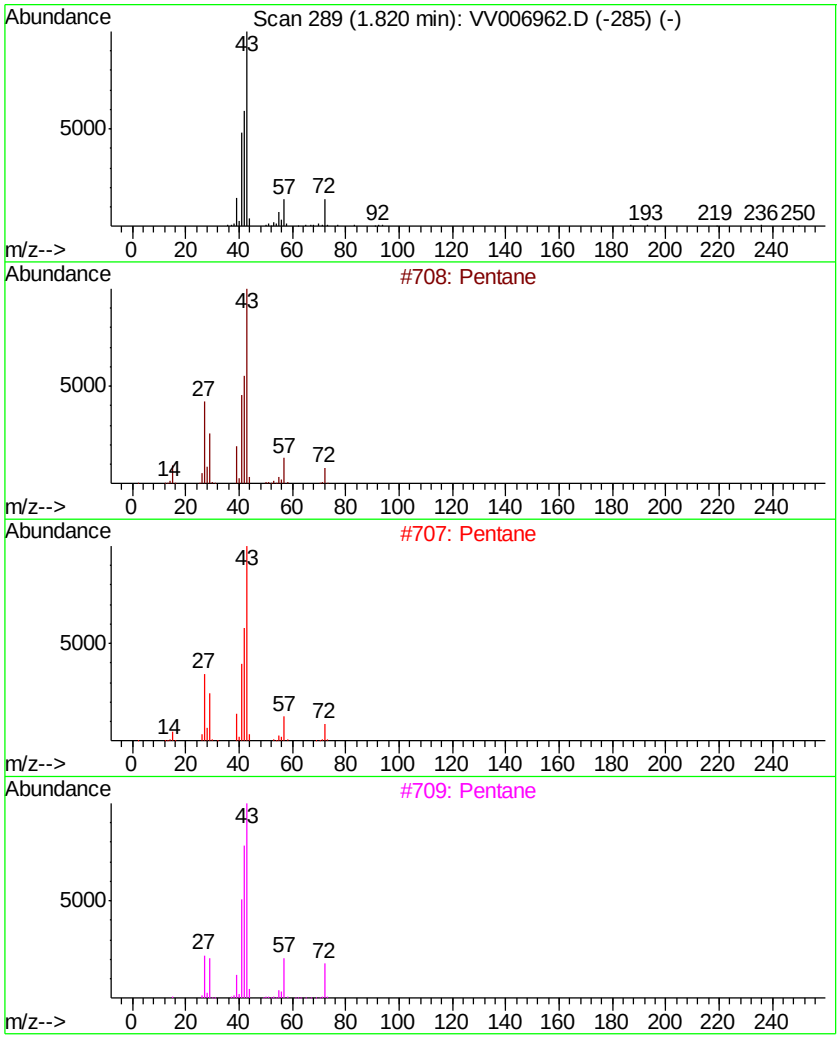
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

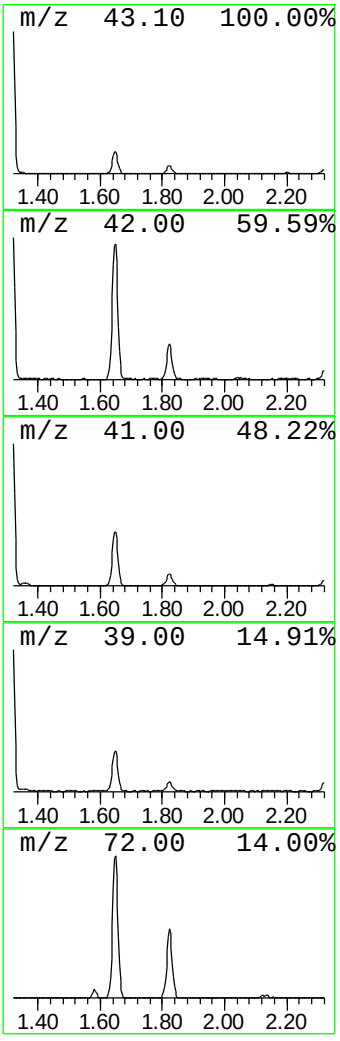
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	0.96 ug/L	108876	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	59
4	Pentane	72	C5H12	000109-66-0	52
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

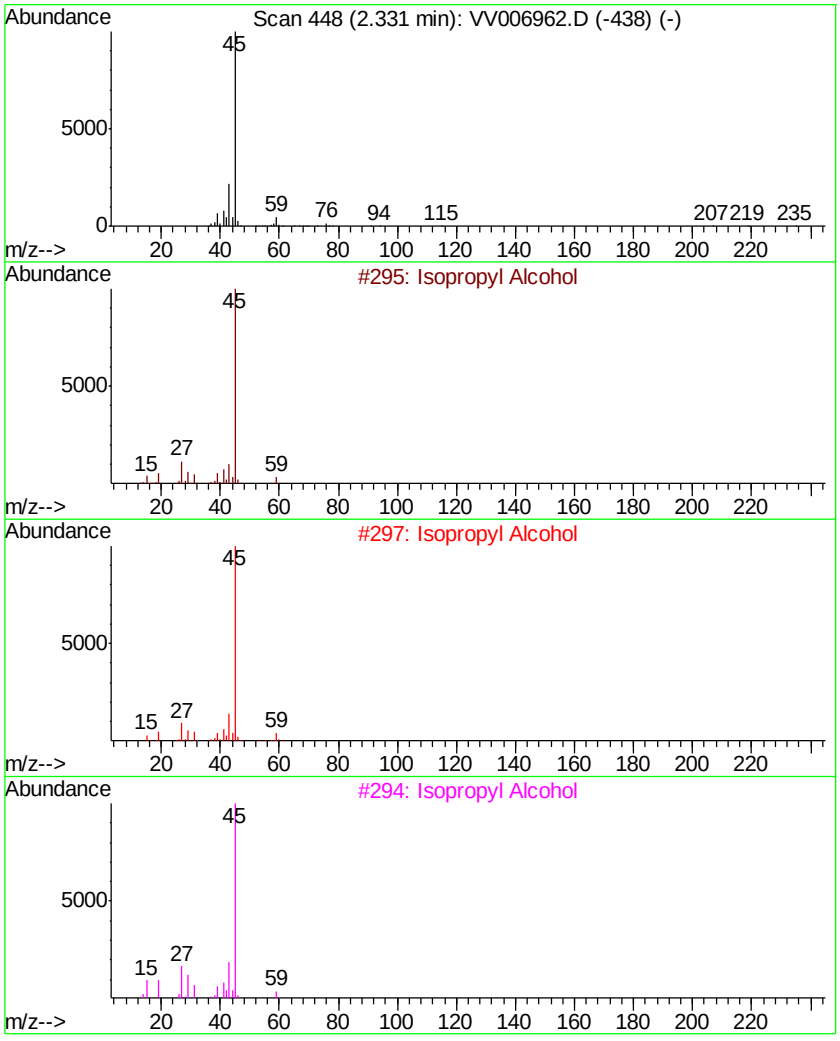
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

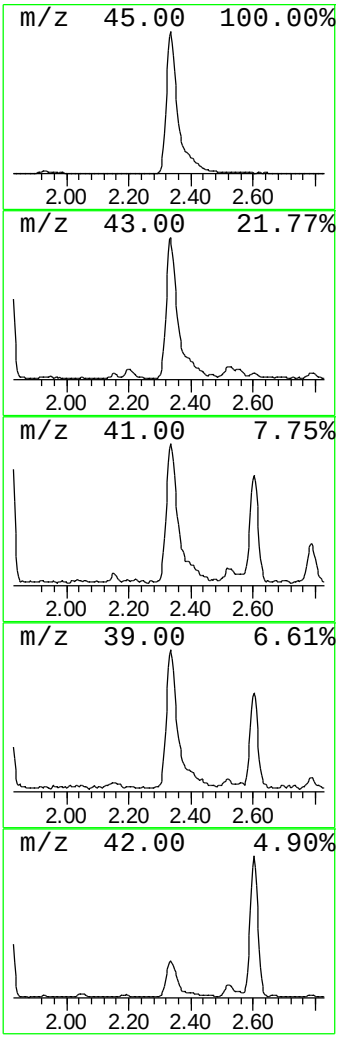
****

Peak Number 6 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	4.77 ug/L	543481	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

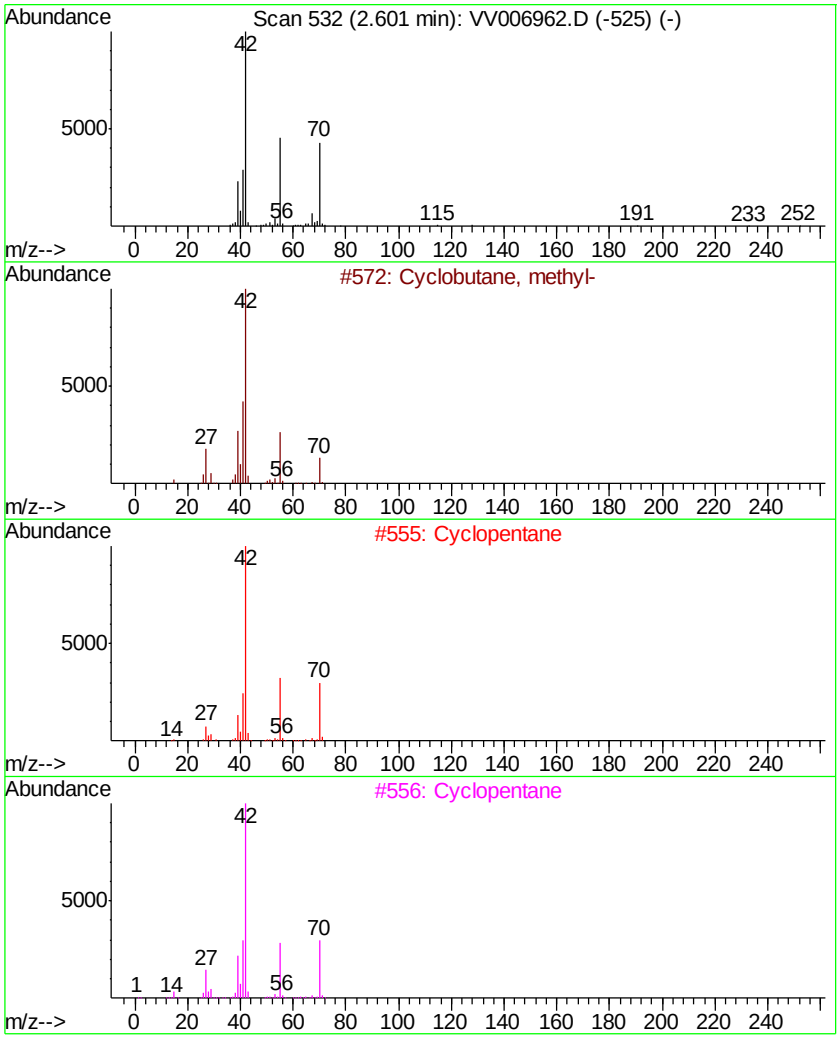
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

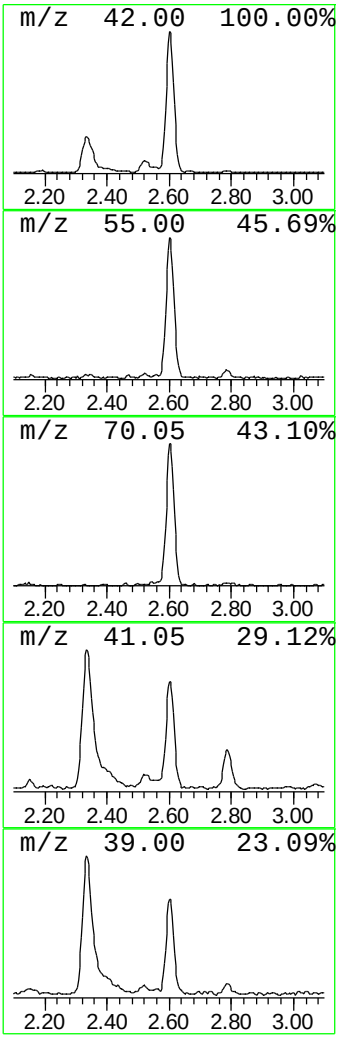
****

Peak Number 7 (DEL) Alkane: Cyclic2.60 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	1.26 ug/L	143653	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
2	Cyclopentane	70	C5H10	000287-92-3	72
3	Cyclopentane	70	C5H10	000287-92-3	72
4	1-Pentene	70	C5H10	000109-67-1	50
5	1-Pentene	70	C5H10	000109-67-1	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0

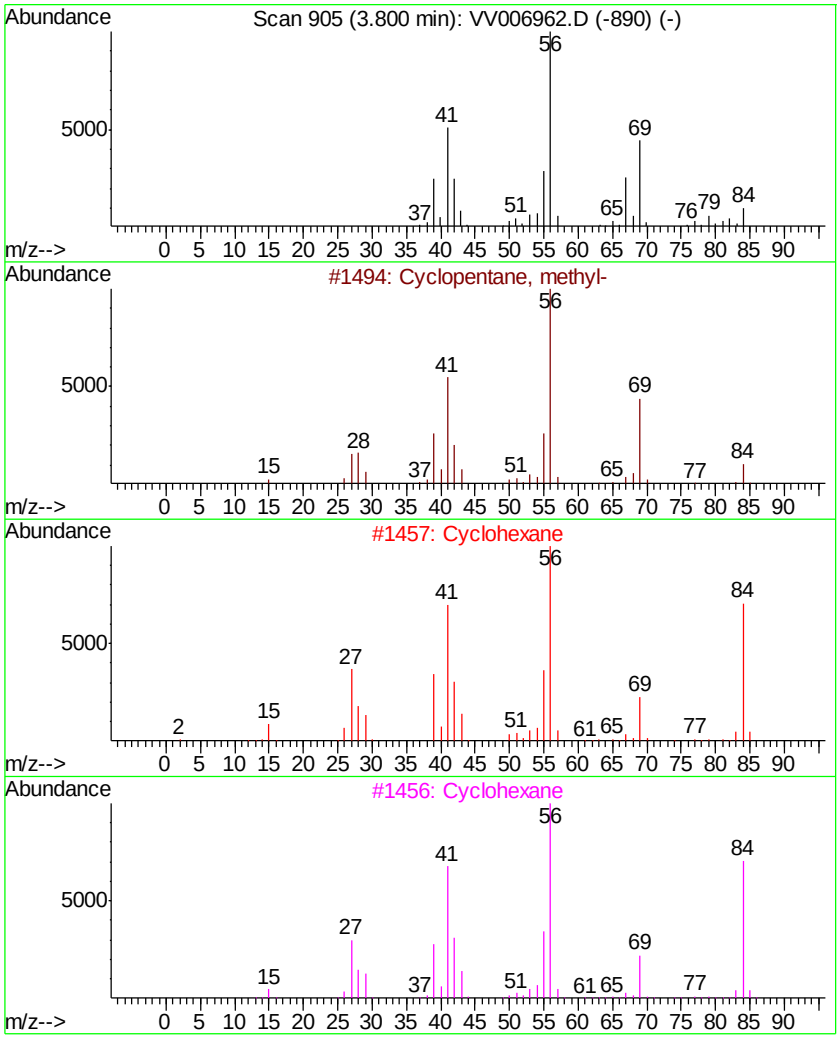
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

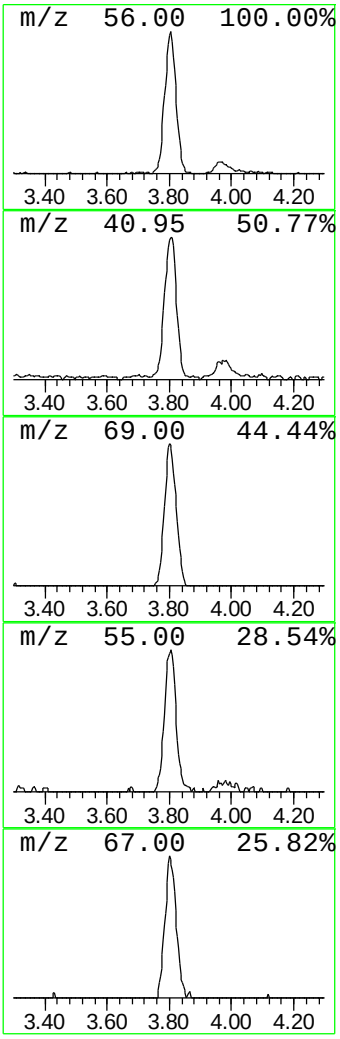
****

Peak Number 8 (DEL) Alkane: Cyclic3.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	1.29 ug/L	146716	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Cyclohexane	84	C6H12	000110-82-7	59
4	Cyclohexane	84	C6H12	000110-82-7	59
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080918\
Data File : VV006962.D
Acq On : 09 Aug 2018 20:27
Operator : SY/MD
Sample : J4357-19RE
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESWT7RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.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...	1.12	63.4	ug/L	7221140	1	5.67	569684	5.0
(DEL) Alkane: Str...	1.23	15.1	ug/L	1720910	1	5.67	569684	5.0
(DEL) Alkane: Str...	1.65	3.4	ug/L	387047	1	5.67	569684	5.0
(DEL) Alkane: Str...	1.82	1.0	ug/L	108876	1	5.67	569684	5.0
Isopropyl Alcohol	2.33	4.8	ug/L	543481	1	5.67	569684	5.0
(DEL) Alkane: Cyc...	2.60	1.3	ug/L	143653	1	5.67	569684	5.0
(DEL) Alkane: Cyc...	3.80	1.3	ug/L	146716	1	5.67	569684	5.0