LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

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\SOMUTR101719WMA.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	1.372	3	10	24	rBV	1040666	1052138	10.17%	3.371%
2	1.507	40	52	66	rVB2	86743	116556	1.13%	0.373%
3	1.620	75	87	100	rBV4	1196808	1727717	16.70%	5.535%
4	1.935	175	185	201	rVB2	159828	235175	2.27%	0.753%
5	2.179	252	261	269	rBV	119065	159572	1.54%	0.511%
6	2.231	269	277	298	rVB3	107299	224595	2.17%	0.720%
7	2.597	380	391	405	rBV2	271702	456524	4.41%	1.463%
8	3.395	624	639	668	rBV4	107963	345243	3.34%	1.106%
9	3.922	772	803	826	rBV2	64452	185138	1.79%	0.593%
10	4.719	1031	1051	1095	rBV	4498588	10348481	100.00%	33.155%
11	5.115	1159	1174	1201	rVB	197113	481612	4.65%	1.543%
12	5.771	1356	1378	1408	rBV2	439120	1201492	11.61%	3.849%
13	6.295	1527	1541	1563	rBV	362893	715029	6.91%	2.291%
14	6.584	1614	1631	1665	rBV	4474525	8600809	83.11%	27.556%
15	6.735	1667	1678	1703	rVB	272478	568299	5.49%	1.821%
16	7.607	1933	1949	1968	rBV	104992	201427	1.95%	0.645%
17	7.935	2036	2051	2066	rBV	500818	898140	8.68%	2.878%
18	8.218	2128	2139	2156	rBV	60884	113800	1.10%	0.365%
19	8.584	2242	2253	2272	rBV	69237	117301	1.13%	0.376%
20	8.690	2272	2286	2325	rBV	326047	1009867	9.76%	3.235%
21	9.452	2509	2523	2561	rBV	456146	879402	8.50%	2.817%
22	10.790	2926	2939	2964	rBV	187749	331211	3.20%	1.061%
23	11.844	3255	3267	3285	rBV	315919	604806	5.84%	1.938%
24	12.224	3371	3385	3403	rBV	350646	637953	6.16%	2.044%

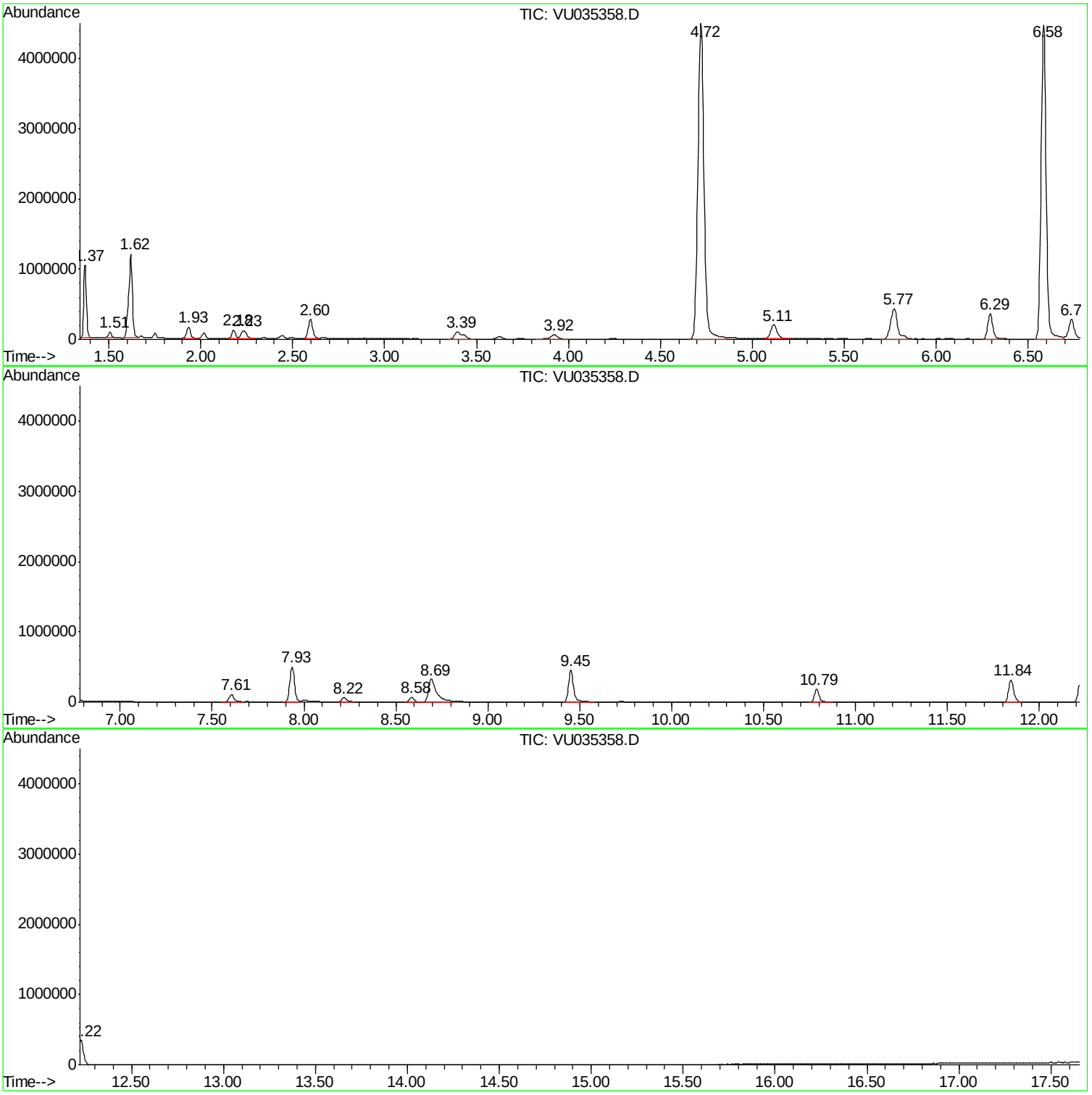
Sum of corrected areas: 31212287

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.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\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

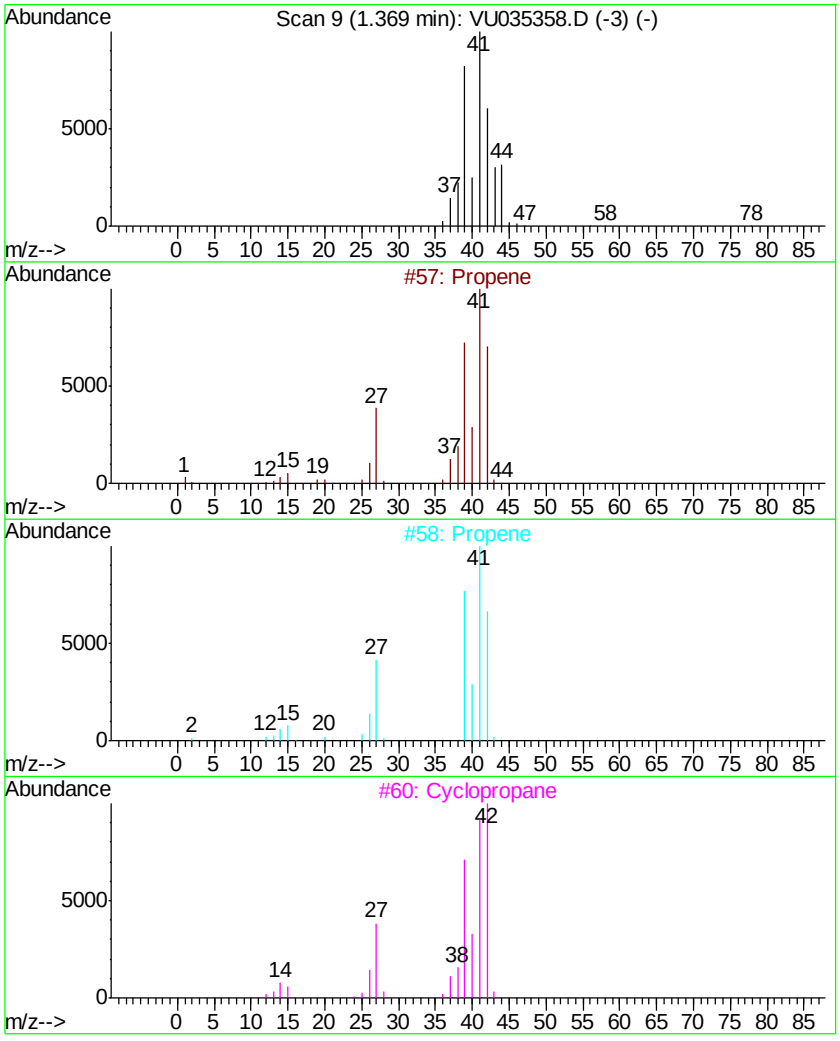
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

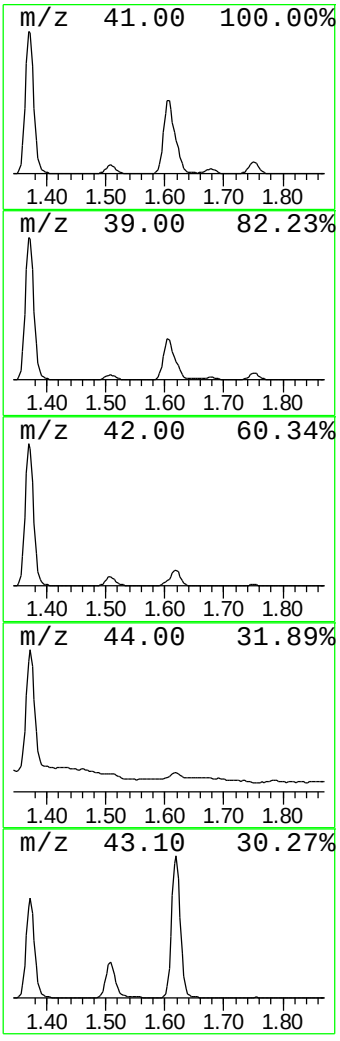
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	7.36 ug/L	1052140	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	9
4	Cyclopropene	40	C3H4	002781-85-3	9
5	Cyclopropane	42	C3H6	000075-19-4	7





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

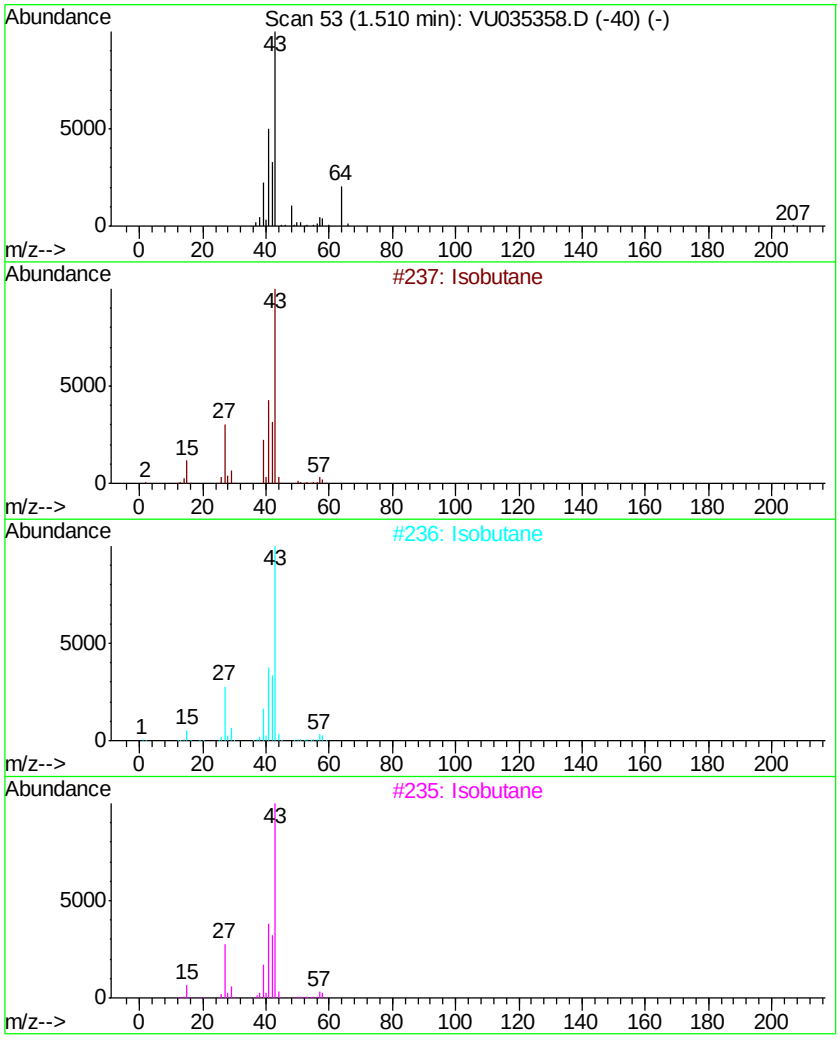
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

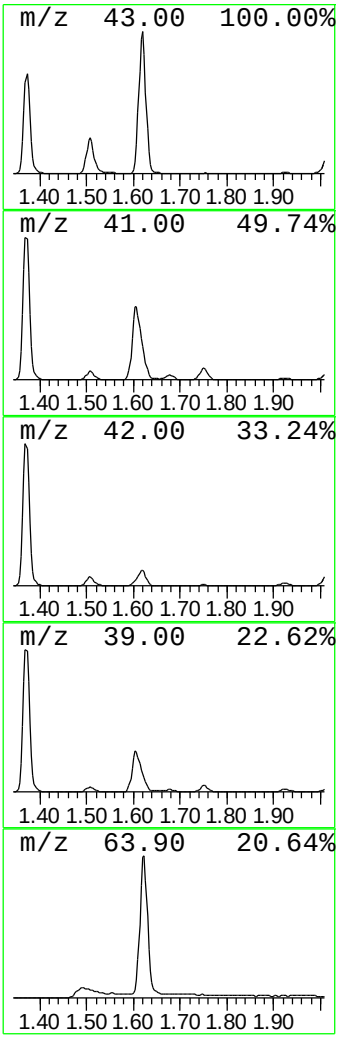
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	0.82 ug/L	116556	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	43
2	Isobutane	58	C4H10	000075-28-5	43
3	Isobutane	58	C4H10	000075-28-5	43
4	Isobutane	58	C4H10	000075-28-5	32
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

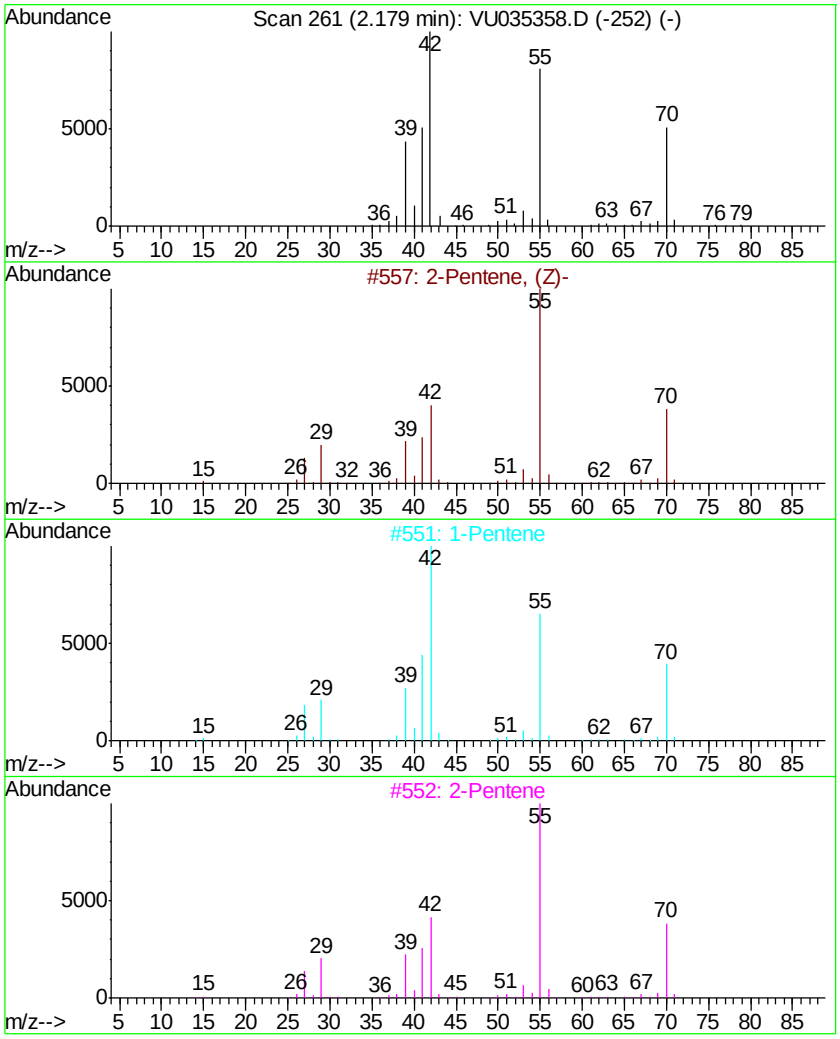
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

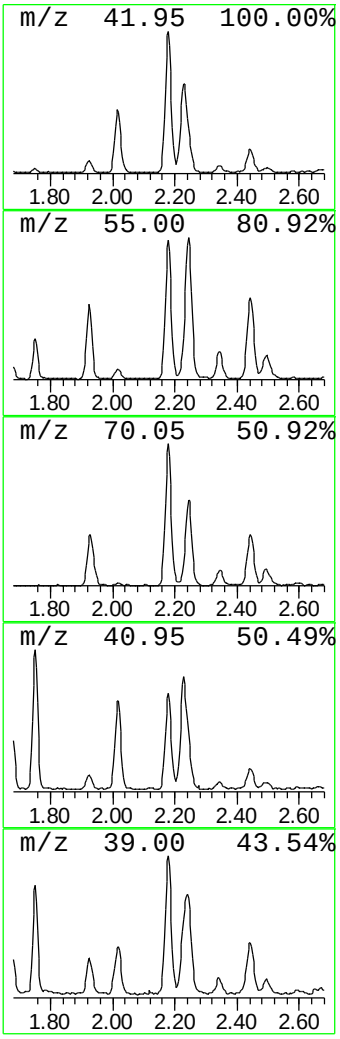
****

Peak Number 3 (DEL) Alkane: Cyclic2.18 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	1.12 ug/L	159572	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
2	1-Pentene	70	C5H10	000109-67-1	81
3	2-Pentene	70	C5H10	000109-68-2	80
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
5	1-Pentene	70	C5H10	000109-67-1	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

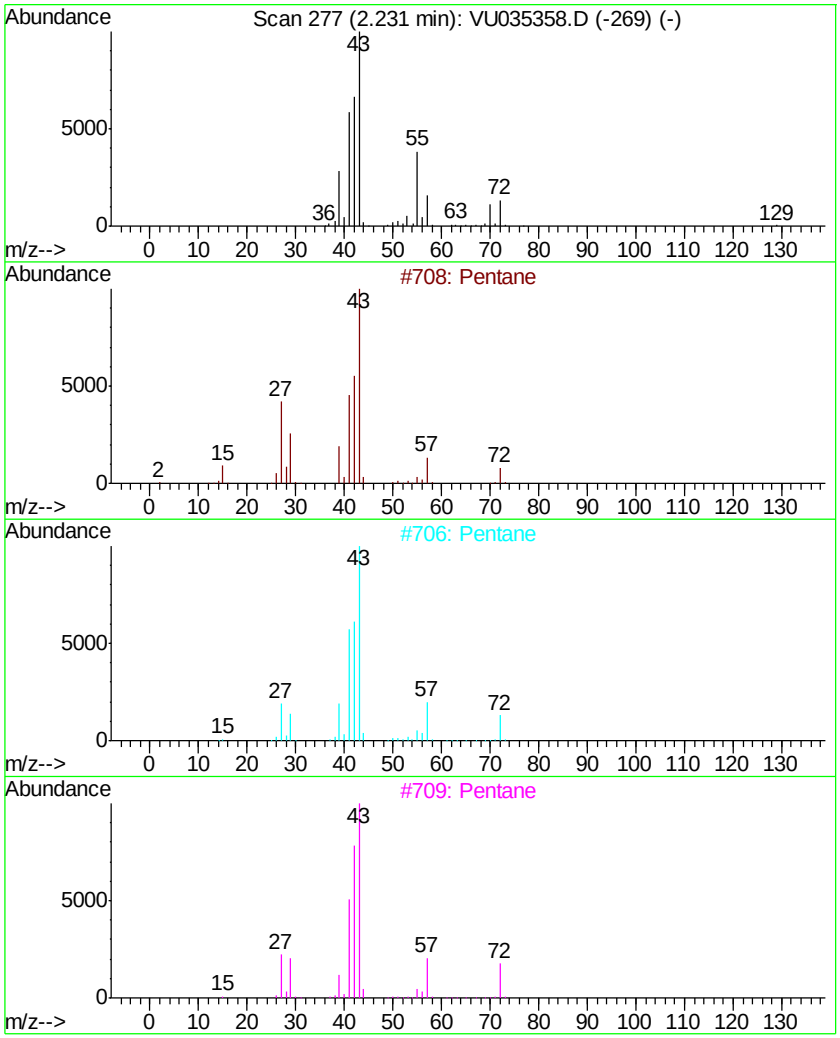
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

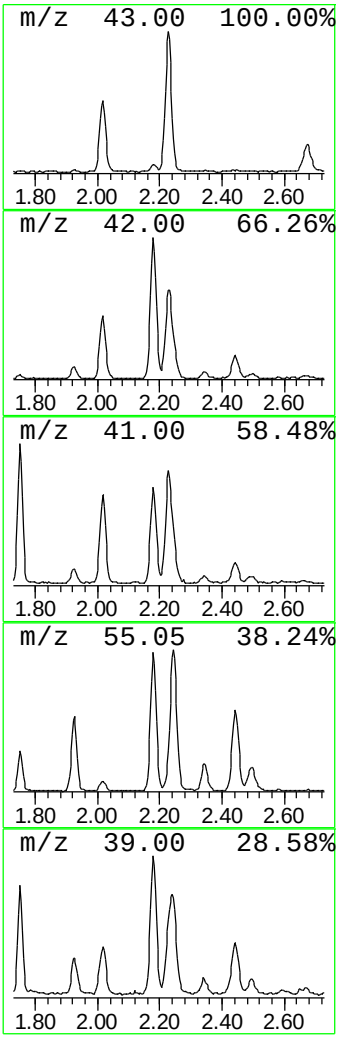
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	1.57 ug/L	224595	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	59
4	Pentane	72	C5H12	000109-66-0	53
5	1,3-Benzodioxol-2-one, hexahydro...	142	C7H10O3	019456-20-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035358.D
Acq On : 22 Oct 2019 12:26
Operator : JC/SP
Sample : K5461-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G67

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.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: Cyc...	1.37	7.4	ug/L	1052140	1	6.29	715029	5.0
(DEL) Alkane: Str...	1.51	0.8	ug/L	116556	1	6.29	715029	5.0
(DEL) Alkane: Cyc...	2.18	1.1	ug/L	159572	1	6.29	715029	5.0
(DEL) Alkane: Str...	2.23	1.6	ug/L	224595	1	6.29	715029	5.0