LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121919\
Data File : VU036294.D
Acq On : 19 Dec 2019 19:45
Operator : JC/MD
Sample : K6282-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9

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\SOMUTR121319WMA.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	26	rVB	2850165	2821319	16.86%	7.091%
2	1.507	45	52	70	rVB	159436	189311	1.13%	0.476%
3	1.607	74	83	95	rBV3	1199274	1984829	11.86%	4.989%
4	1.752	120	128	147	rVB	202253	232049	1.39%	0.583%
5	1.932	174	184	198	rVB3	186227	283658	1.70%	0.713%
6	2.015	201	210	222	rVB	175871	240822	1.44%	0.605%
7	2.179	248	261	269	rBV2	334781	503611	3.01%	1.266%
8	2.231	269	277	299	rVB3	252938	477756	2.85%	1.201%
9	2.597	373	391	404	rBV2	217535	405304	2.42%	1.019%
10	3.401	620	641	663	rBV5	78484	204230	1.22%	0.513%
11	4.716	1022	1050	1076	rBV2	926903	2387657	14.27%	6.001%
12	5.112	1158	1173	1193	rBV	175069	412615	2.47%	1.037%
13	5.767	1353	1377	1407	rBV2	335510	906181	5.41%	2.278%
14	6.292	1525	1540	1563	rBV	332837	662504	3.96%	1.665%
15	6.581	1613	1630	1664	rBV	9004509	16734740	100.00%	42.060%
16	6.732	1666	1677	1693	rVB	215649	441091	2.64%	1.109%
17	7.603	1935	1948	1959	rBV	100053	178105	1.06%	0.448%
18	7.931	2036	2050	2060	rBV	379573	650961	3.89%	1.636%
19	8.002	2060	2072	2111	rVB	3623805	6159027	36.80%	15.480%
20	8.674	2267	2281	2318	rBV	401213	921577	5.51%	2.316%
21	9.446	2509	2521	2541	rBV	496639	897564	5.36%	2.256%
22	10.783	2923	2937	2951	rBV	179770	298468	1.78%	0.750%
23	11.835	3251	3264	3287	rBV2	446838	990048	5.92%	2.488%
24	12.217	3364	3383	3405	rBV2	399005	804067	4.80%	2.021%

Sum of corrected areas: 39787494

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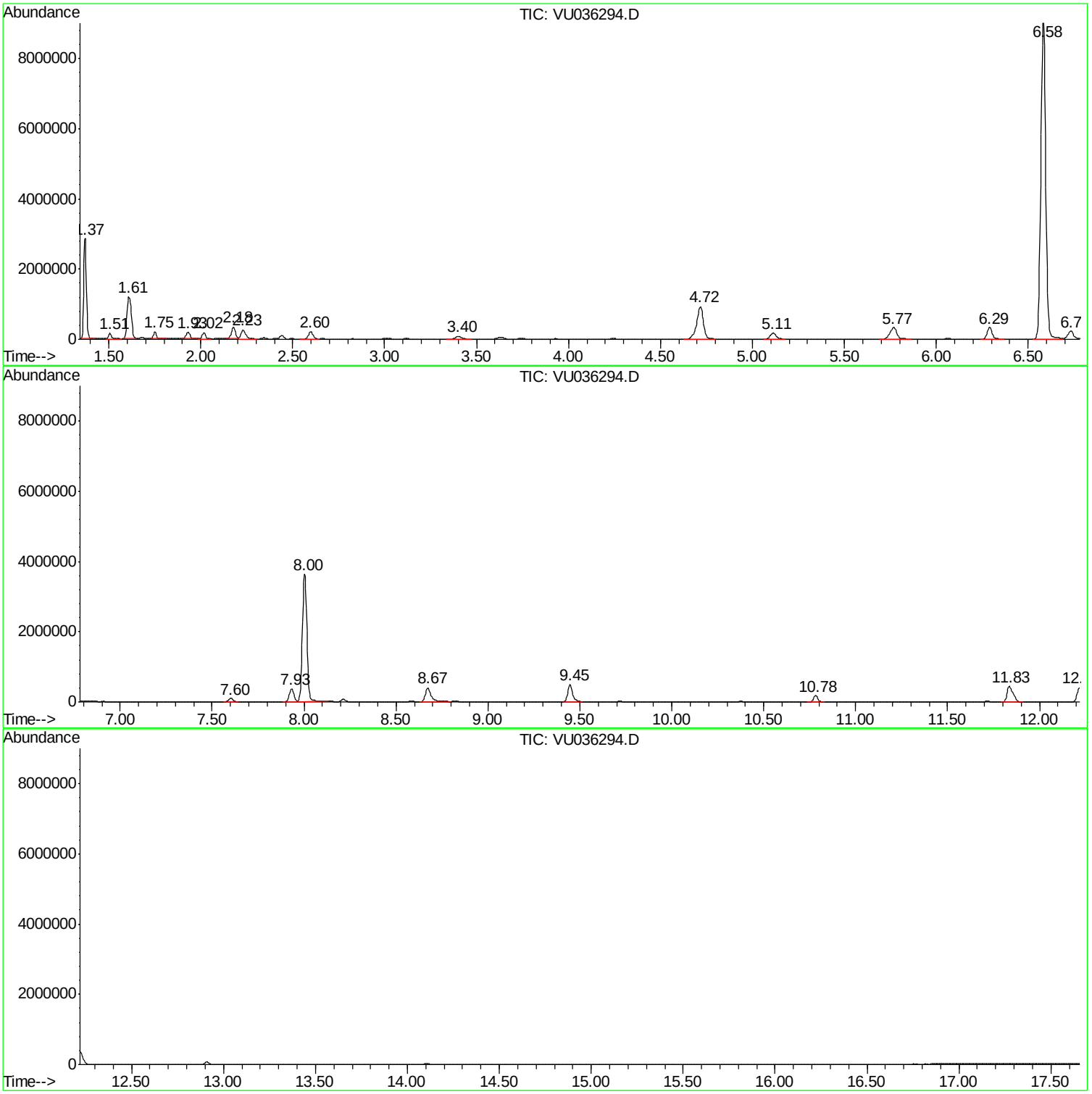
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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Quant Title : TRACE VOA SOM01.0

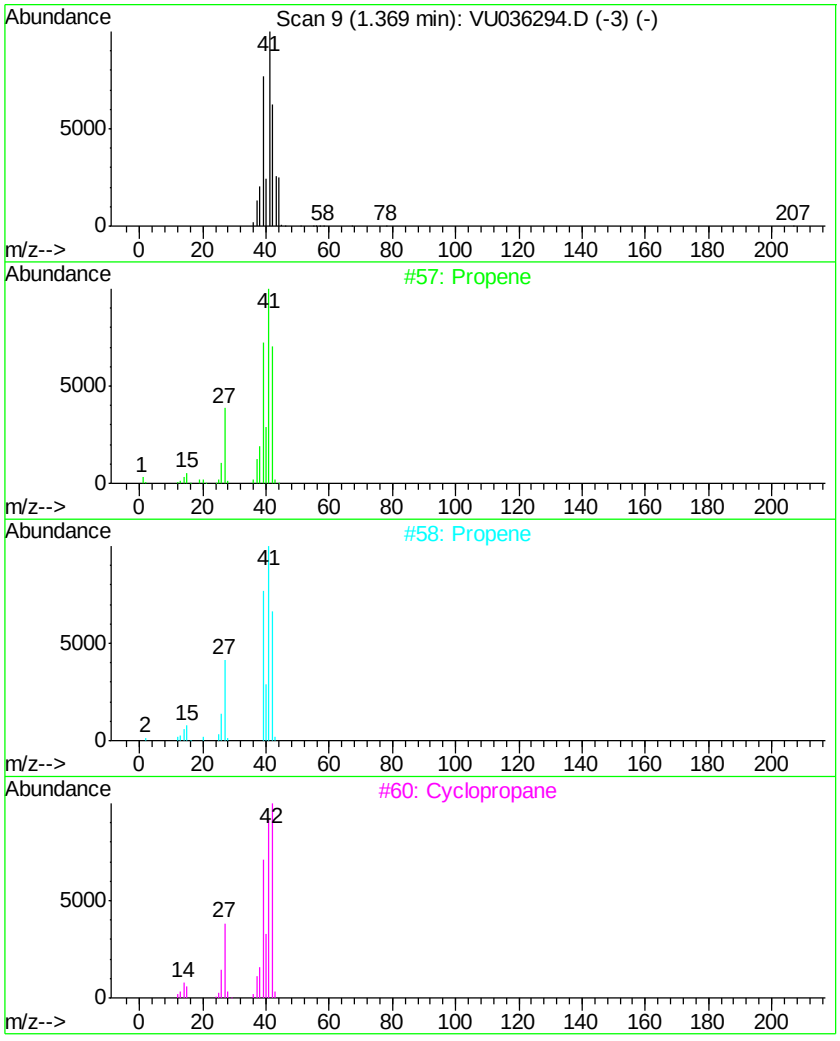
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

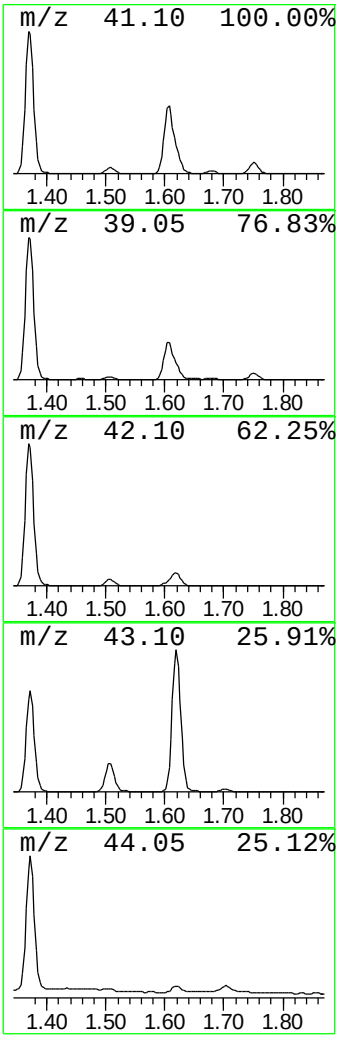
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	21.29 ug/L	2821320	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





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Operator : JC/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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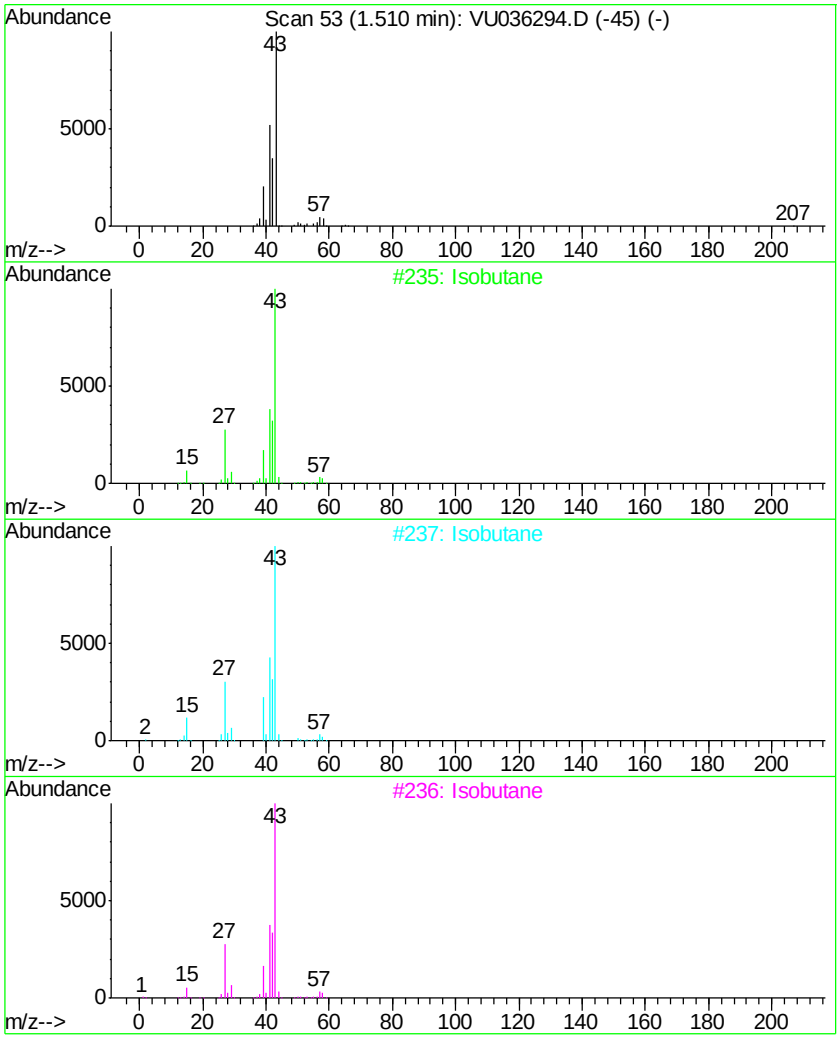
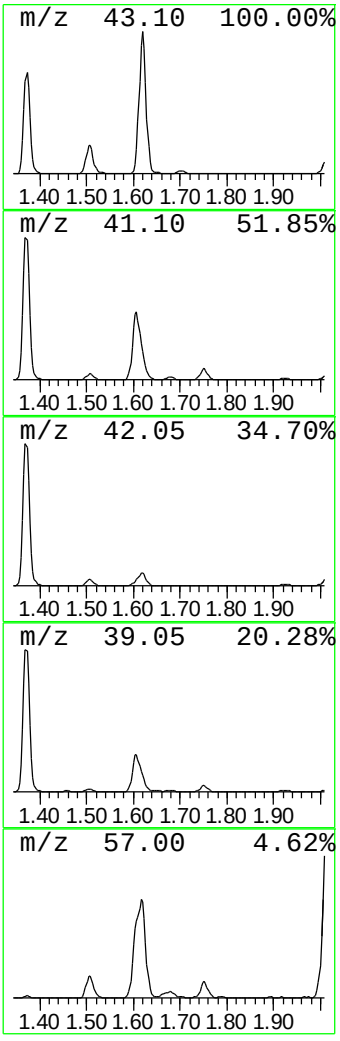
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	1.43 ug/L	189311	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	9
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





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Operator : JC/MD
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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

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

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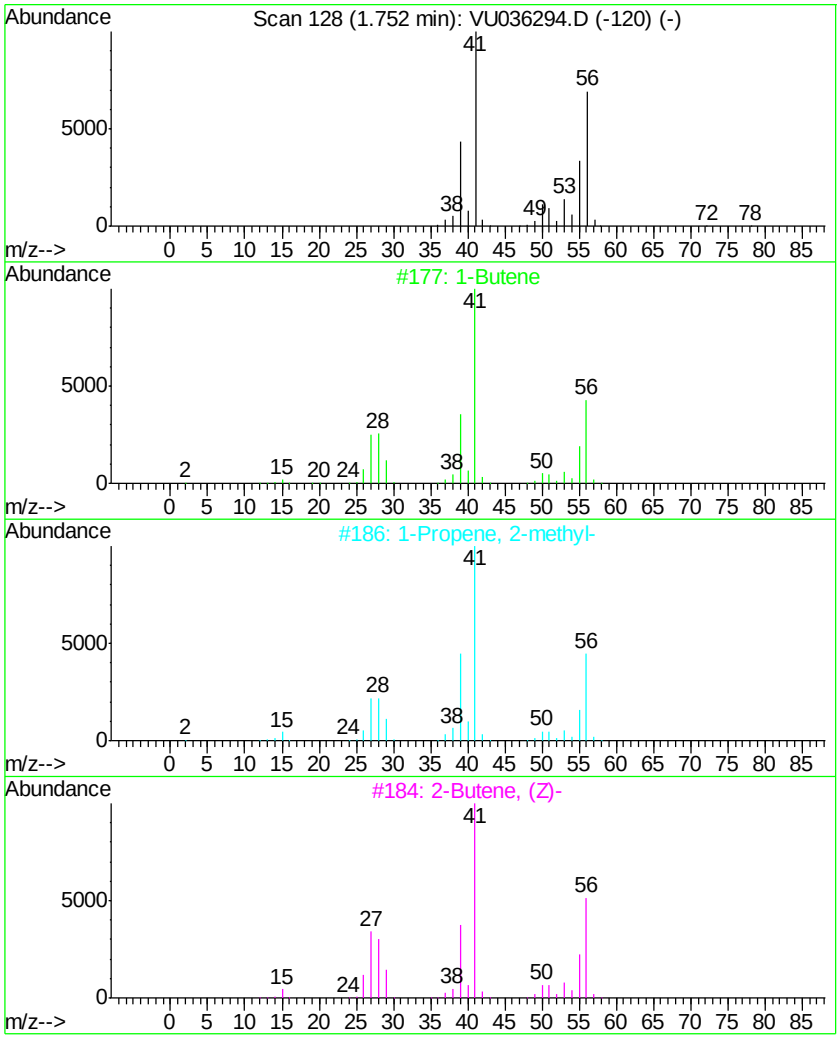
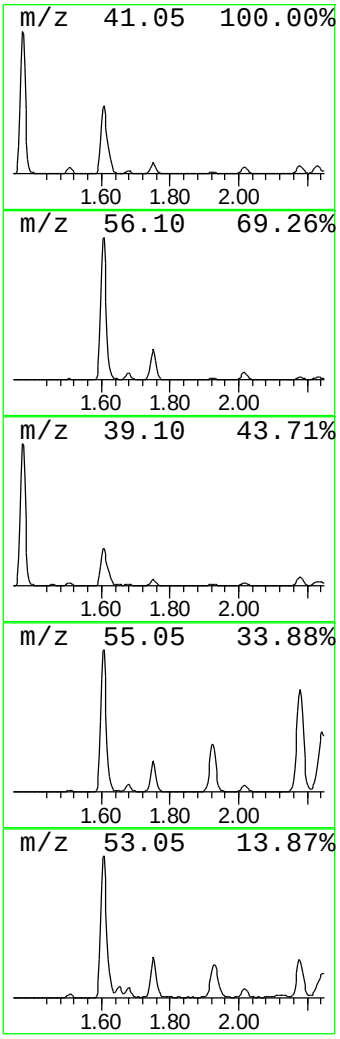
Peak Number 3 (DEL) Alkane: Cyclic1.75 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	1.75 ug/L	232049	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	83
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3	2-Butene, (Z)-	56	C4H8	000590-18-1	68
4	2-Butene, (Z)-	56	C4H8	000590-18-1	68
5	2-Butene	56	C4H8	000107-01-7	68





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

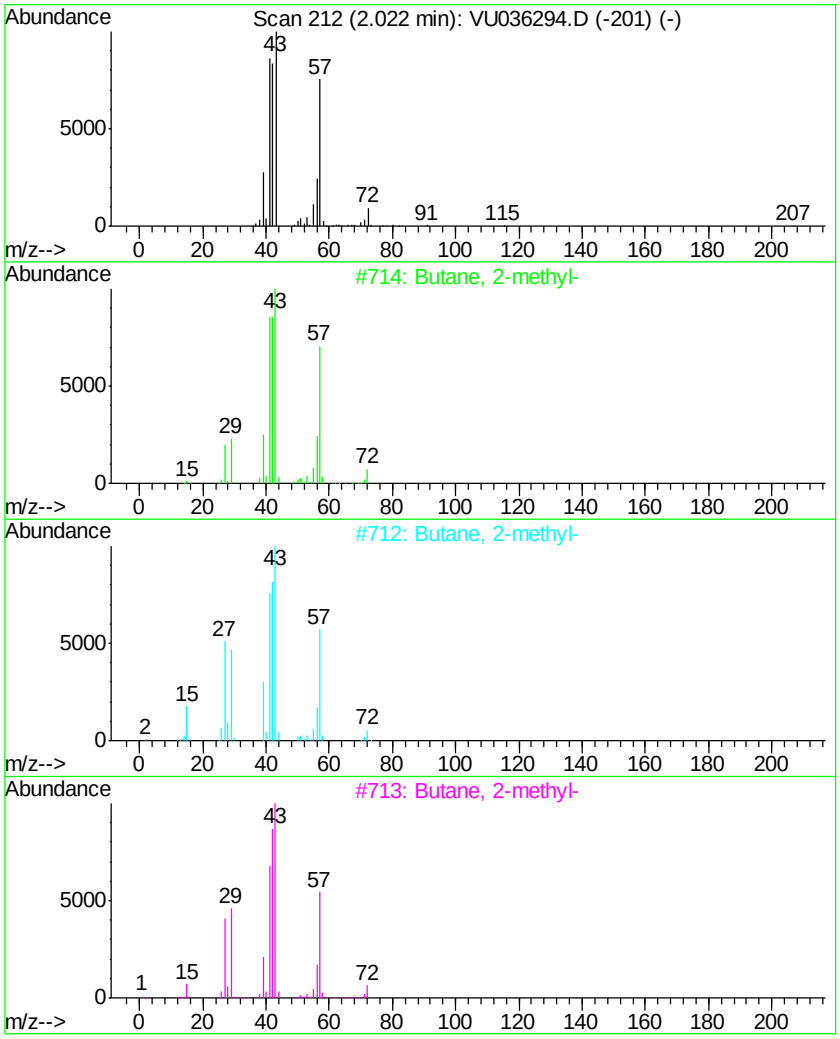
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

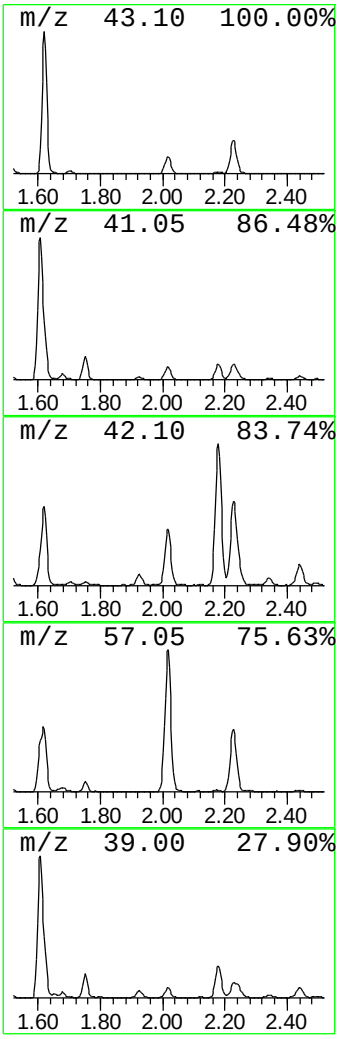
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	1.82 ug/L	240822	1,4-Difluorobenzene	6.29

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	80
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	3-Buten-1-ol	72	C4H8O	000627-27-0	37
5	Pentane	72	C5H12	000109-66-0	36





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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW9

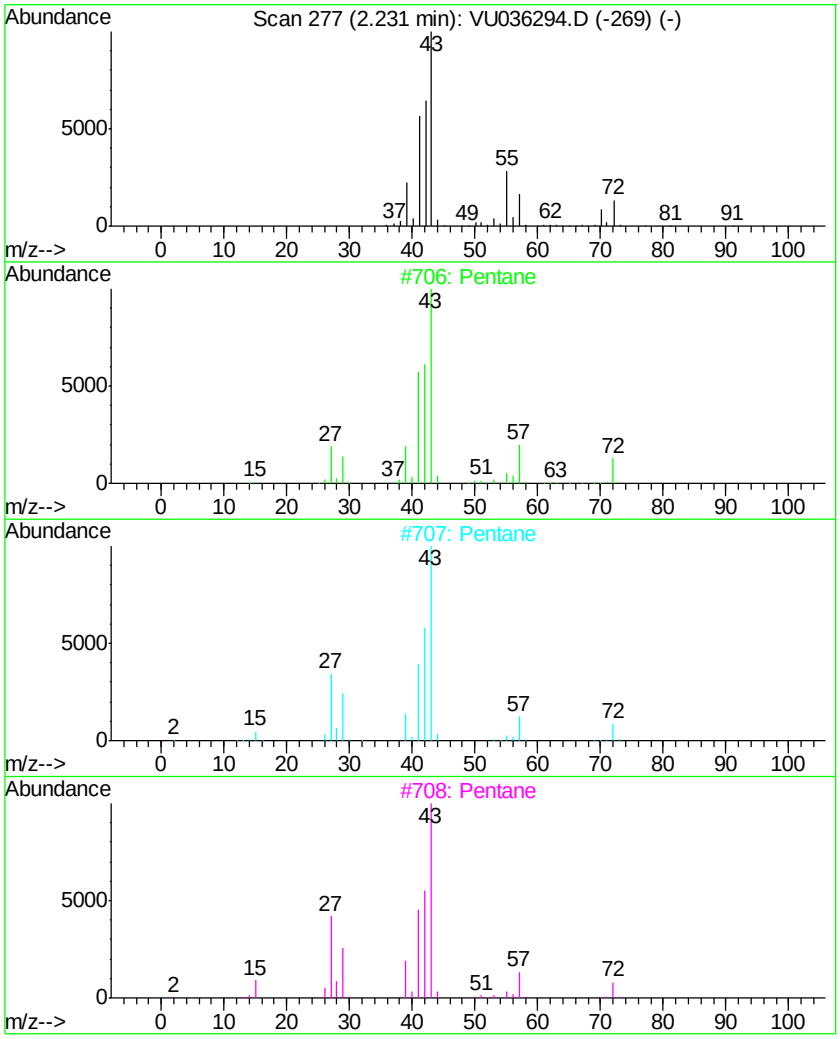
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

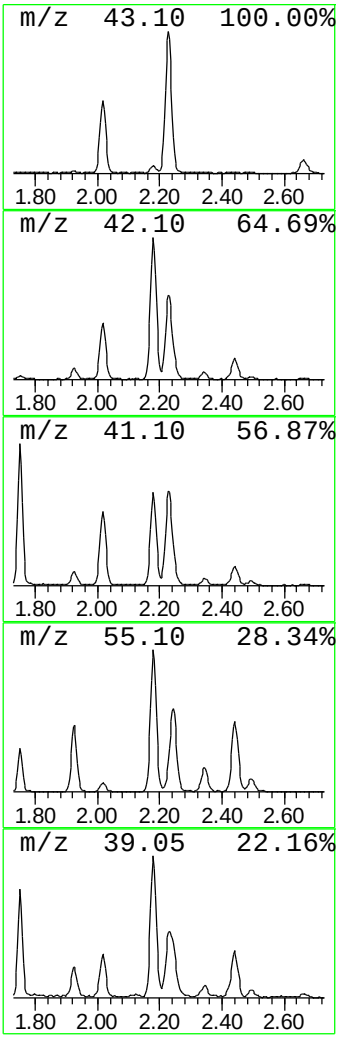
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	3.61 ug/L	477756	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	1-Pentene	70	C5H10	000109-67-1	43





Tentatively Identified Compound (LSC) summary

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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	21.3	ug/L	2821320	1	6.29	662504	5.0
(DEL) Alkane: Str...	1.51	1.4	ug/L	189311	1	6.29	662504	5.0
(DEL) Alkane: Cyc...	1.75	1.8	ug/L	232049	1	6.29	662504	5.0
(DEL) Alkane: Str...	2.02	1.8	ug/L	240822	1	6.29	662504	5.0
(DEL) Alkane: Str...	2.23	3.6	ug/L	477756	1	6.29	662504	5.0