LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

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	25	rBV	797665	793018	91.87%	8.036%
2	1.507	45	52	66	rVB	56377	65705	7.61%	0.666%
3	1.617	74	86	100	rBV3	409824	645094	74.73%	6.537%
4	1.749	121	127	133	rBV	44172	46947	5.44%	0.476%
5	1.932	176	184	200	rVB	140430	193422	22.41%	1.960%
6	2.015	202	210	226	rVB	57305	82339	9.54%	0.834%
7	2.176	252	260	268	rBV	70951	94617	10.96%	0.959%
8	2.228	268	276	297	rVB4	62831	112646	13.05%	1.142%
9	2.343	304	312	318	rBV5	7670	9304	1.08%	0.094%
10	2.437	334	341	352	rVB3	25630	42176	4.89%	0.427%
11	2.594	378	390	404	rBV	182412	306513	35.51%	3.106%
12	2.659	404	410	421	rVB	6880	10875	1.26%	0.110%
13	3.006	502	518	520	rBV6	5698	9333	1.08%	0.095%
14	3.083	531	542	551	rBV2	22399	45354	5.25%	0.460%
15	3.231	577	588	602	rVB2	13256	28497	3.30%	0.289%
16	3.401	629	641	661	rVB9	10131	27328	3.17%	0.277%
17	3.630	696	712	727	rBV7	10712	25353	2.94%	0.257%
18	3.742	736	747	759	rVB3	5903	13432	1.56%	0.136%
19	4.684	1024	1040	1078	rBV	128183	390535	45.24%	3.958%
20	5.112	1157	1173	1193	rBV2	168851	378044	43.79%	3.831%
21	5.771	1353	1378	1402	rBV3	310692	821515	95.17%	8.325%
22	6.292	1524	1540	1565	rBV	303951	584377	67.70%	5.922%
23	6.581	1616	1630	1649	rBV2	459508	863233	100.00%	8.748%
24	6.732	1663	1677	1697	rBV	200345	386977	44.83%	3.922%
25	7.600	1934	1947	1964	rBV2	90441	166675	19.31%	1.689%
26	7.932	2034	2050	2065	rBV	345322	600762	69.59%	6.088%
27	8.211	2126	2137	2154	rBV	60597	107725	12.48%	1.092%
28	8.674	2264	2281	2321	rBV	318652	778692	90.21%	7.891%
29	9.446	2508	2521	2559	rBV	458745	795716	92.18%	8.064%
30	10.784	2925	2937	2955	rVB	172765	284042	32.90%	2.878%
31	10.919	2969	2979	2991	rVB2	5283	8980	1.04%	0.091%
32	11.835	3249	3264	3281	rBV	376106	613409	71.06%	6.216%
33	12.214	3370	3382	3400	rBV2	319679	535376	62.02%	5.425%

LSC Area Percent Report

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Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

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

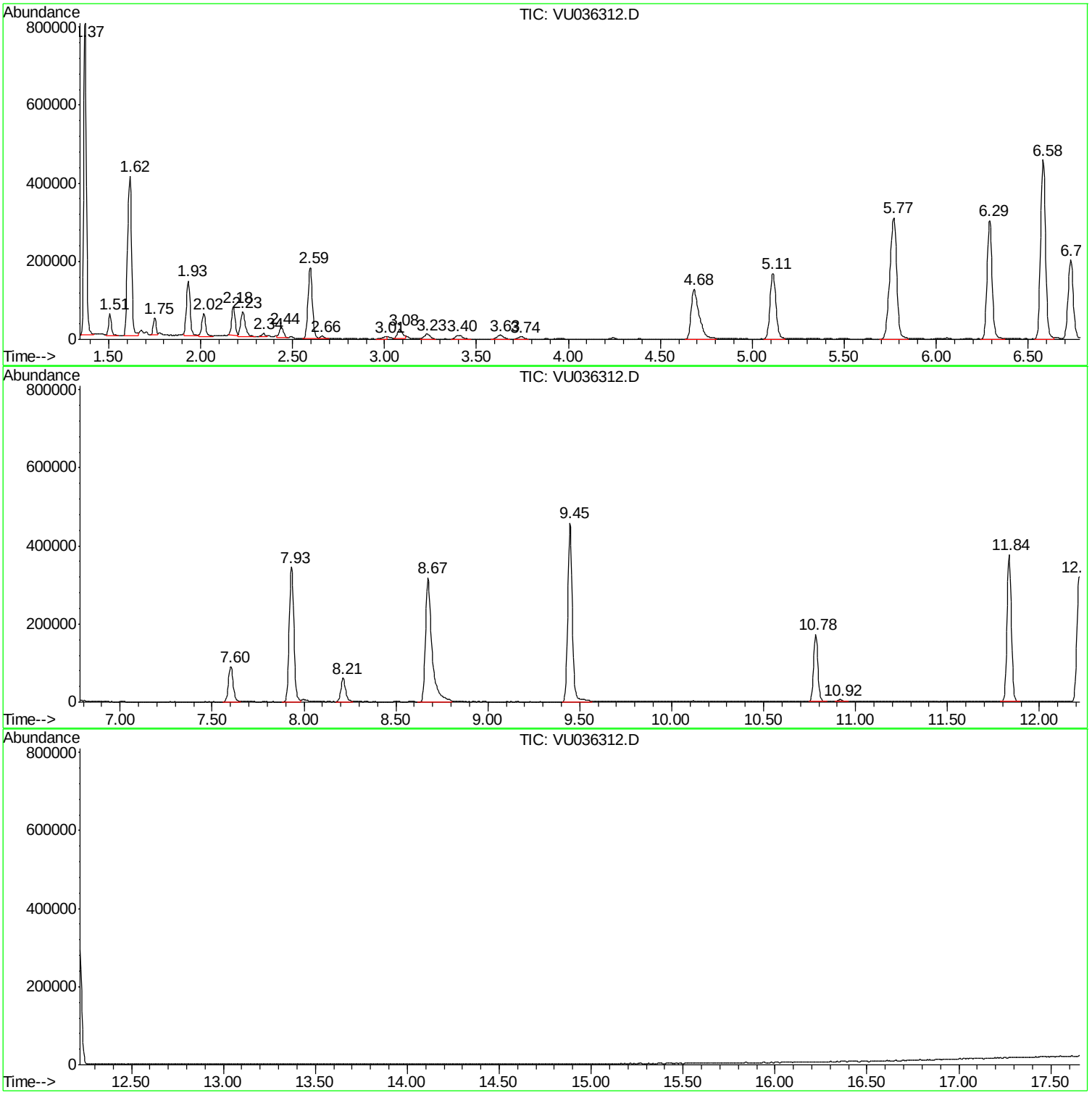
Sum of corrected areas: 9868011

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

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

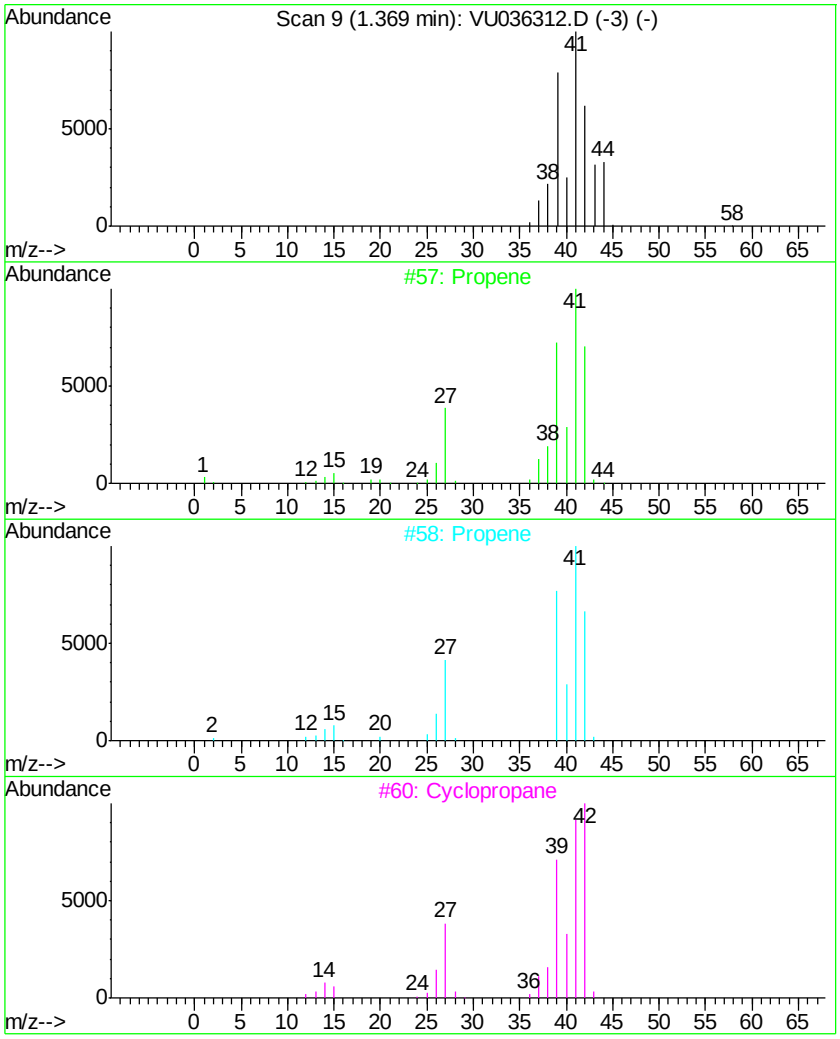
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

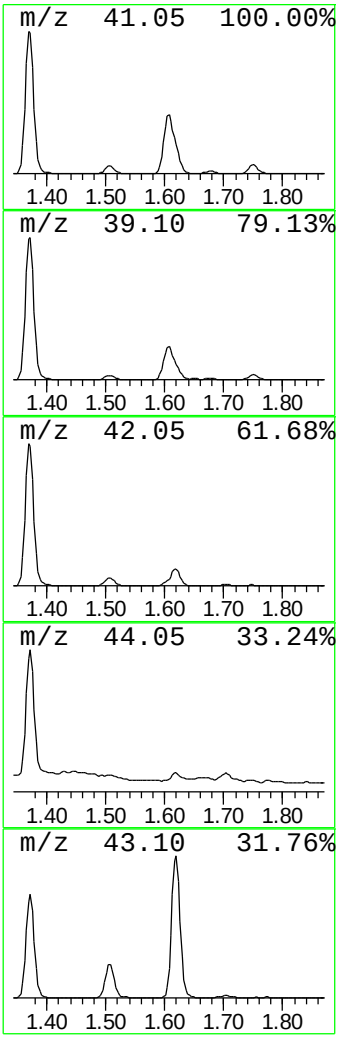
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	6.79 ug/L	793018	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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

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

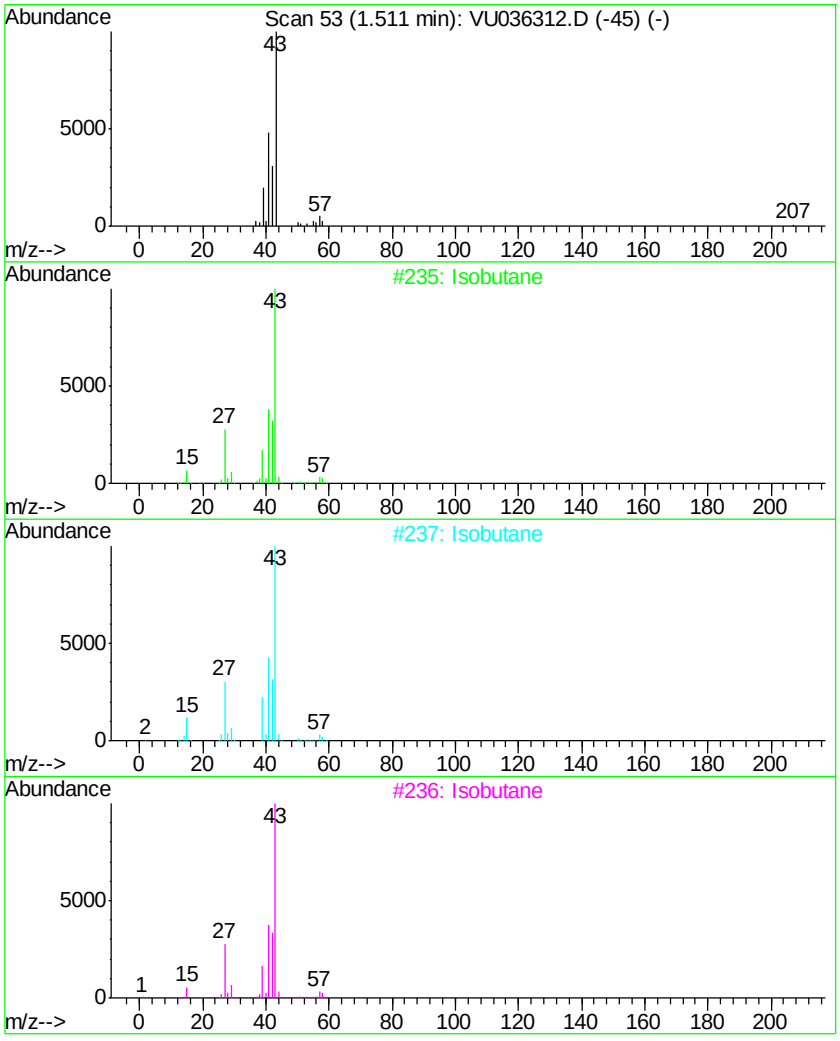
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

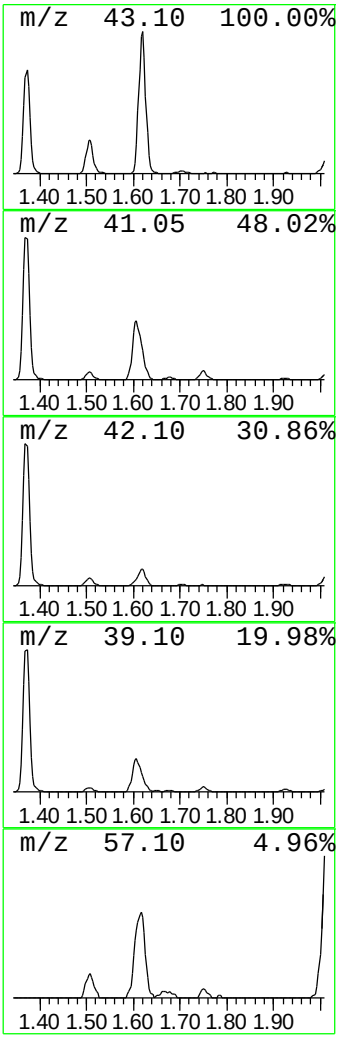
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	0.56 ug/L	65705	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	50
3	Isobutane	58	C4H10	000075-28-5	50
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	9
5	Isobutane	58	C4H10	000075-28-5	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

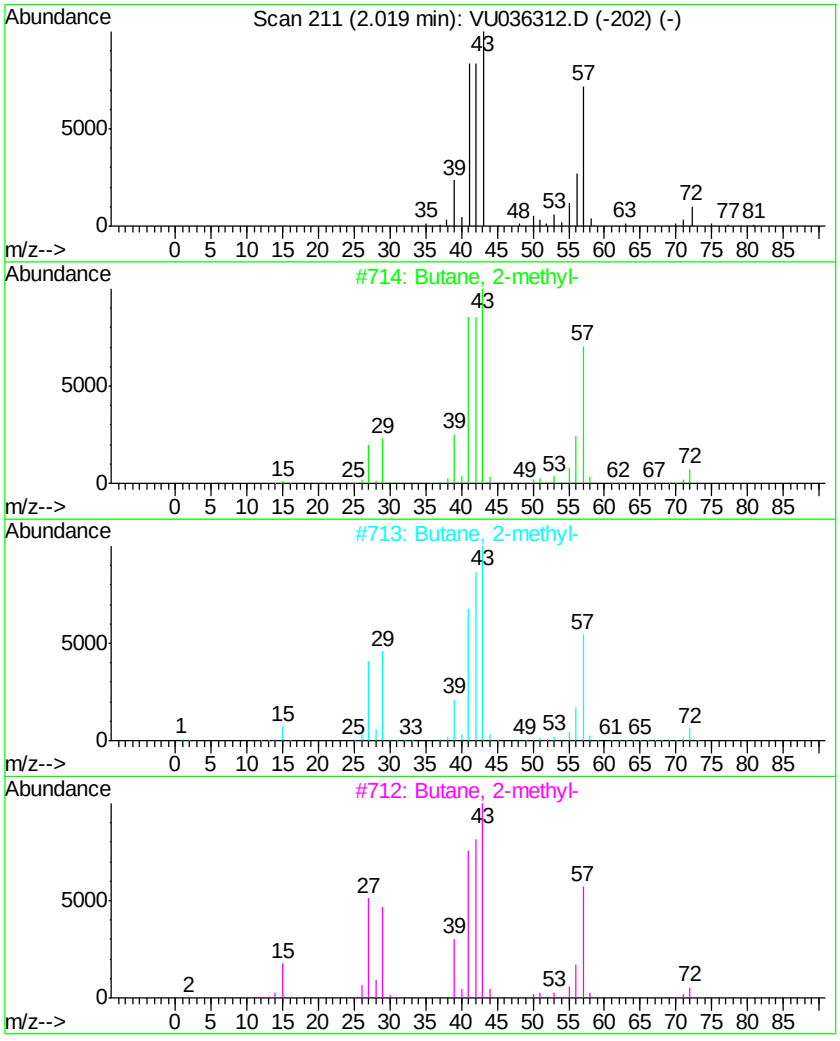
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

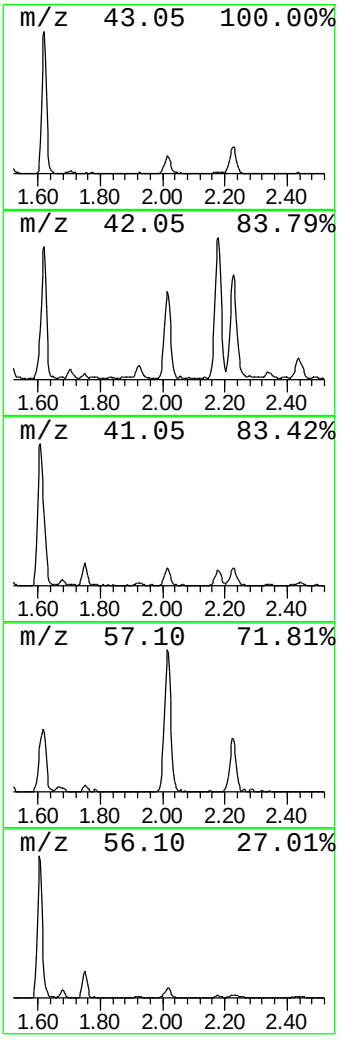
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	0.70 ug/L	82339	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	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	86
4	Pentane	72	C5H12	000109-66-0	36
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

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

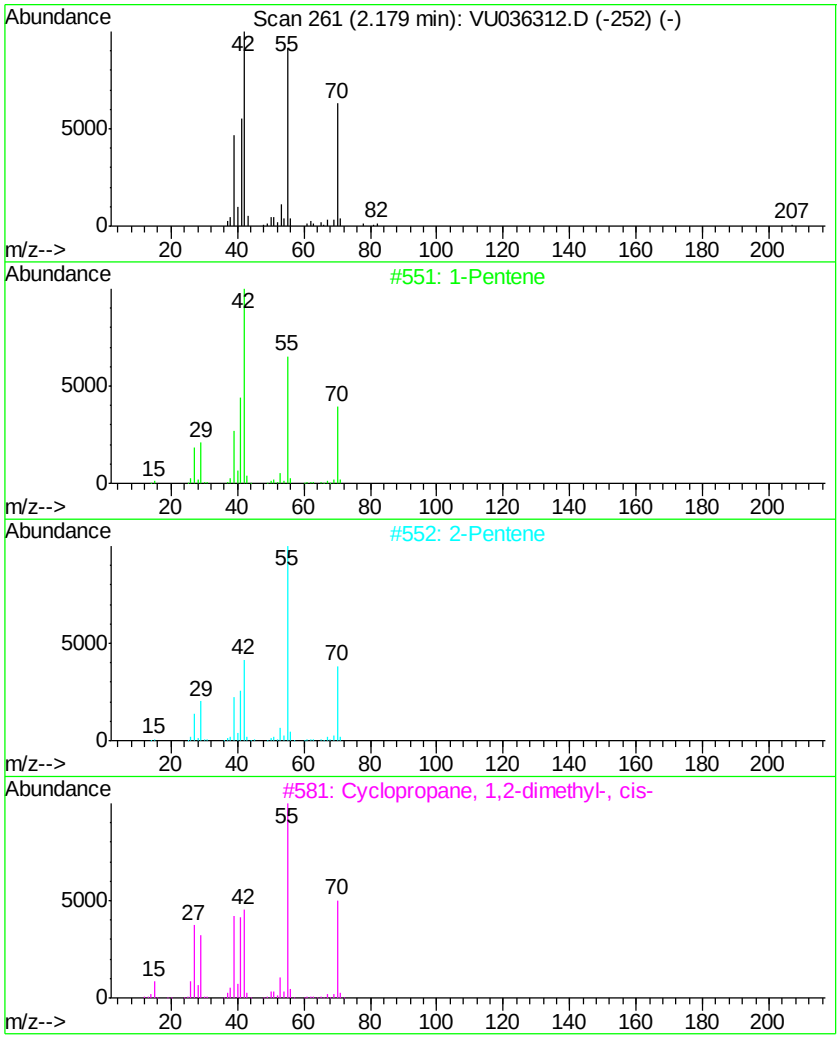
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

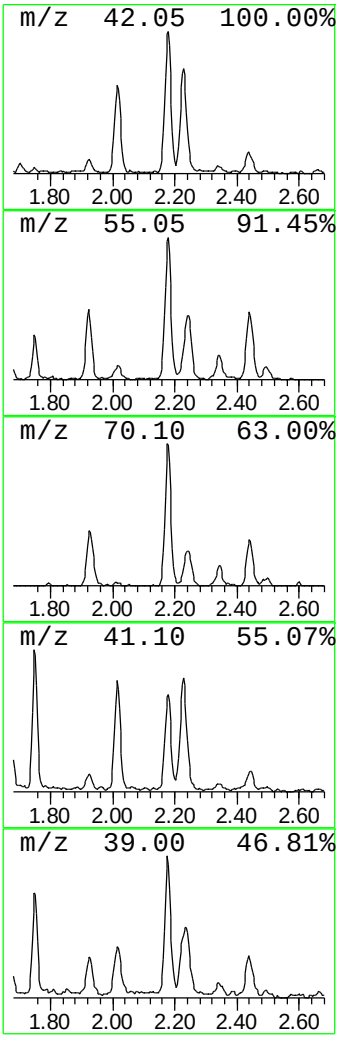
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	0.81 ug/L	94617	1,4-Difluorobenzene	6.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	81
2	2-Pentene	70	C5H10	000109-68-2	80
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	76
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
5	1-Pentene	70	C5H10	000109-67-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
Sample : K6282-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

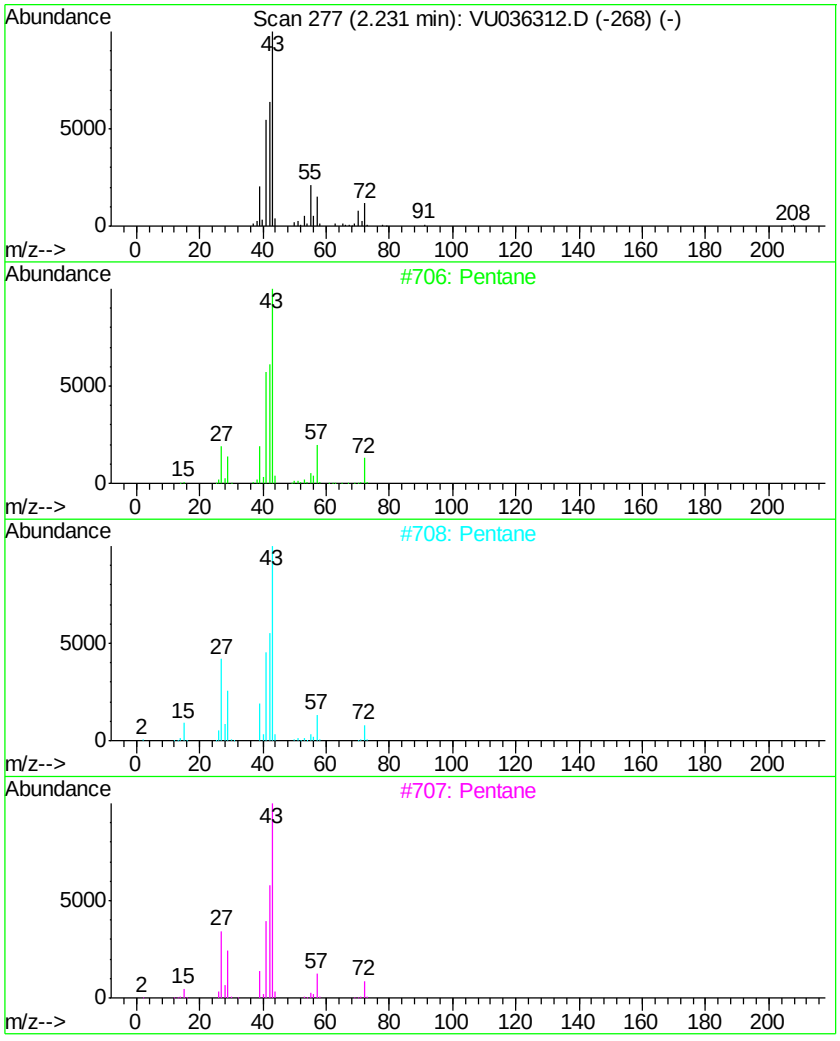
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0

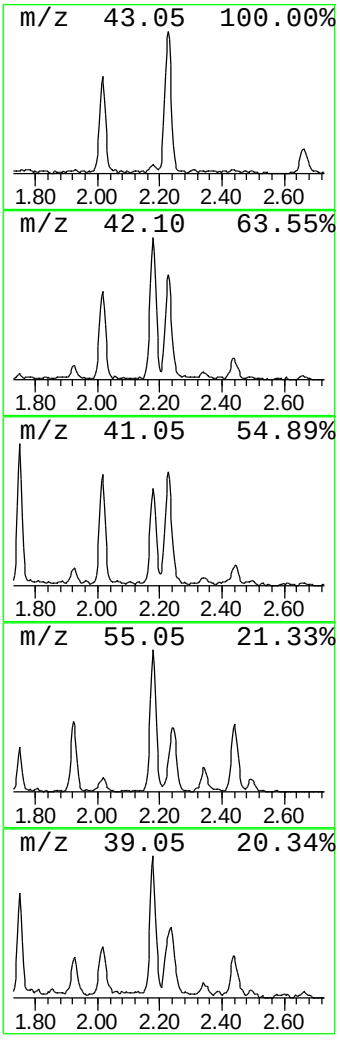
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	0.96 ug/L	112646	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	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122019\
Data File : VU036312.D
Acq On : 20 Dec 2019 12:46
Operator : JC/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFDW4DL

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.37	6.8	ug/L	793018	1	6.29	584377	5.0
(DEL) Alkane: Str...	1.51	0.6	ug/L	65705	1	6.29	584377	5.0
(DEL) Alkane: Str...	2.02	0.7	ug/L	82339	1	6.29	584377	5.0
(DEL) Alkane: Cyc...	2.18	0.8	ug/L	94617	1	6.29	584377	5.0
(DEL) Alkane: Str...	2.23	1.0	ug/L	112646	1	6.29	584377	5.0