LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

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\SOMUTR111418WMA.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	1.402	58	71	82	rBV2	3254518	4382005	30.46%	16.984%
2	1.453	82	87	94	rVB	163972	165496	1.15%	0.641%
3	1.521	101	108	121	rVB	224381	247899	1.72%	0.961%
4	1.678	144	157	174	rVB3	132688	217131	1.51%	0.842%
5	1.903	218	227	235	rBV	131260	176753	1.23%	0.685%
6	1.961	235	245	260	rVB3	242295	422008	2.93%	1.636%
7	2.276	332	343	359	rBV2	130040	227534	1.58%	0.882%
8	2.987	549	564	585	rVB3	80543	162435	1.13%	0.630%
9	3.189	614	627	648	rVB2	63332	146093	1.02%	0.566%
10	4.228	929	950	991	rBV	5985497	14386557	100.00%	55.762%
11	4.649	1067	1081	1107	rVB2	88095	225039	1.56%	0.872%
12	5.340	1274	1296	1306	rBV2	183993	507956	3.53%	1.969%
13	5.887	1453	1466	1480	rBV	167042	327883	2.28%	1.271%
14	6.212	1547	1567	1582	rBV3	156469	408001	2.84%	1.581%
15	6.334	1597	1605	1620	rVB	123138	241149	1.68%	0.935%
16	7.565	1967	1988	2000	rBV	241070	420523	2.92%	1.630%
17	7.636	2000	2010	2026	rVB	250606	426314	2.96%	1.652%
18	8.318	2210	2222	2254	rBV	391629	696419	4.84%	2.699%
19	9.090	2450	2462	2484	rBV	246275	421254	2.93%	1.633%
20	9.250	2501	2512	2525	rBV	116635	186989	1.30%	0.725%
21	9.376	2537	2551	2566	rBV	144330	241191	1.68%	0.935%
22	9.781	2666	2677	2690	rVB	101469	160180	1.11%	0.621%
23	10.434	2865	2880	2894	rBV	90799	148520	1.03%	0.576%
24	11.482	3196	3206	3225	rBV	258302	399522	2.78%	1.549%
25	11.861	3314	3324	3347	rVB3	258052	455175	3.16%	1.764%

Sum of corrected areas: 25800026

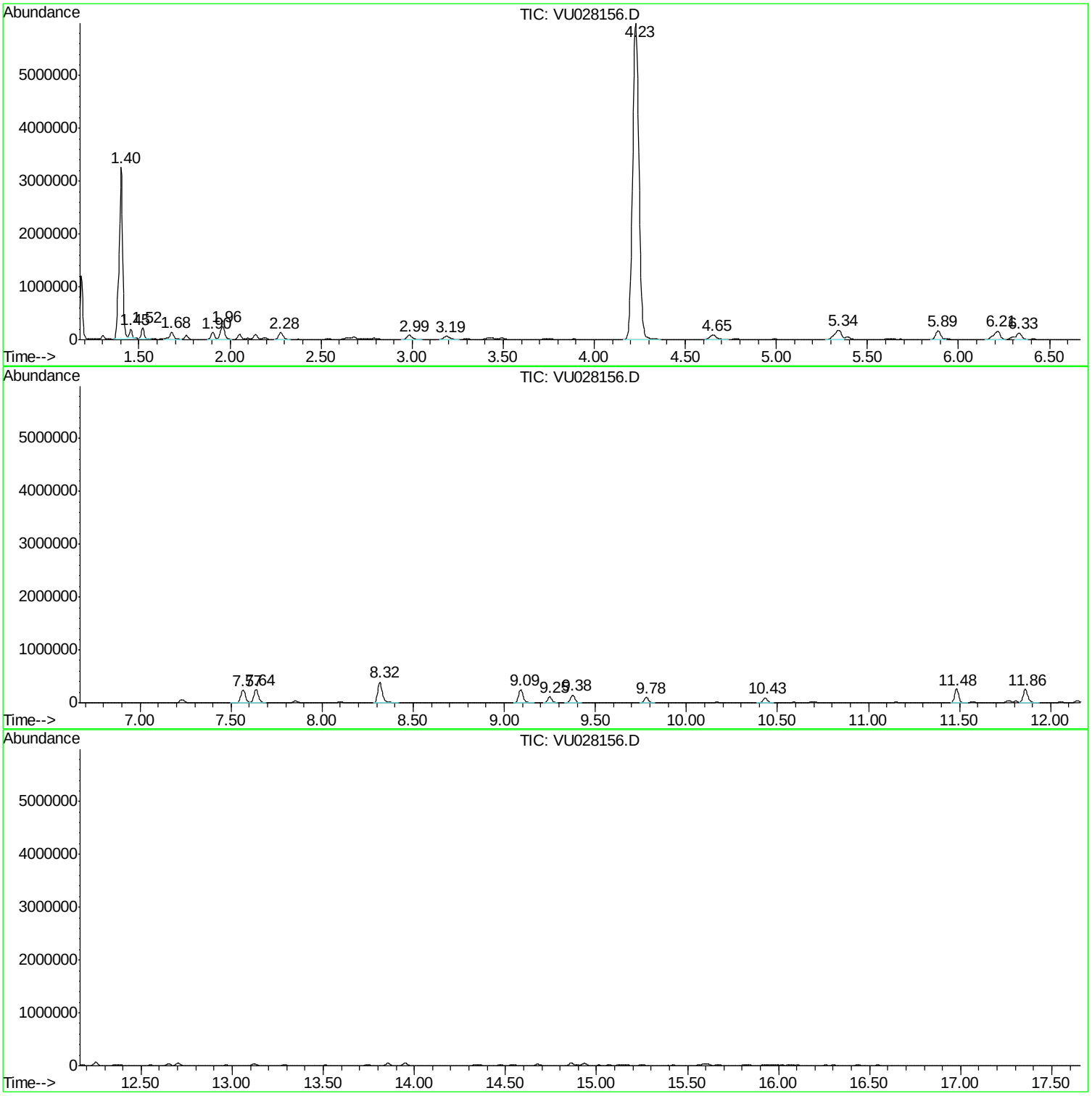
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.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\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

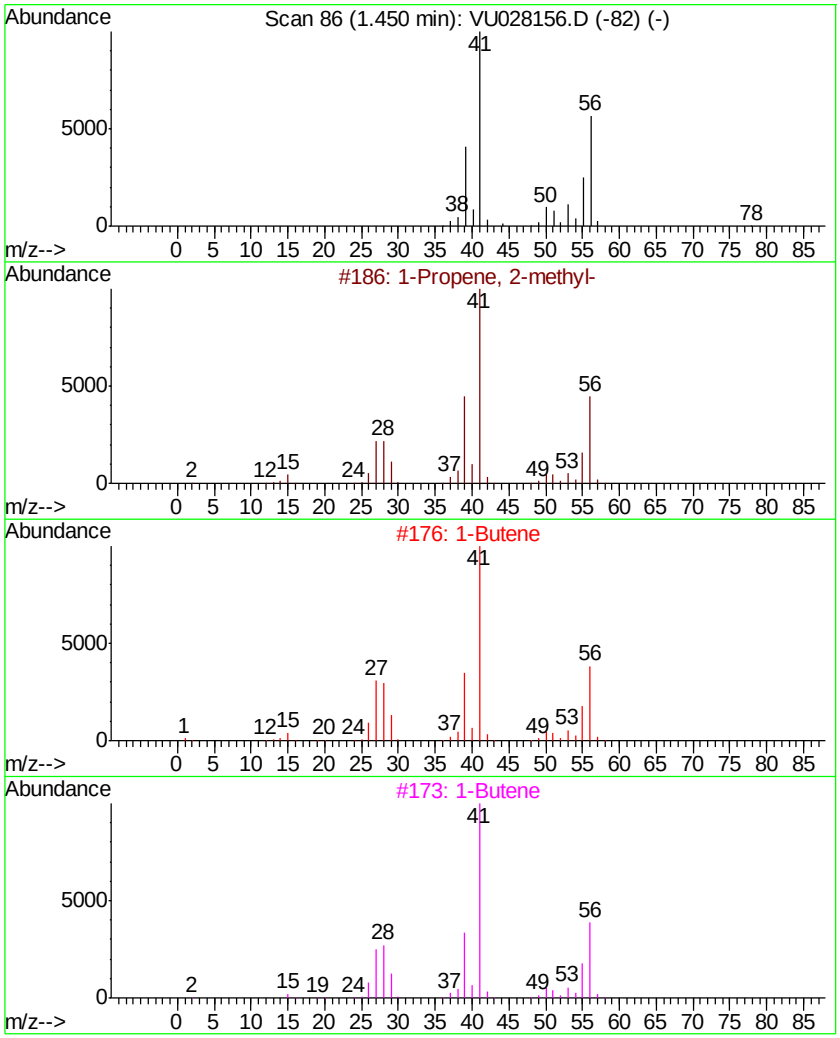
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

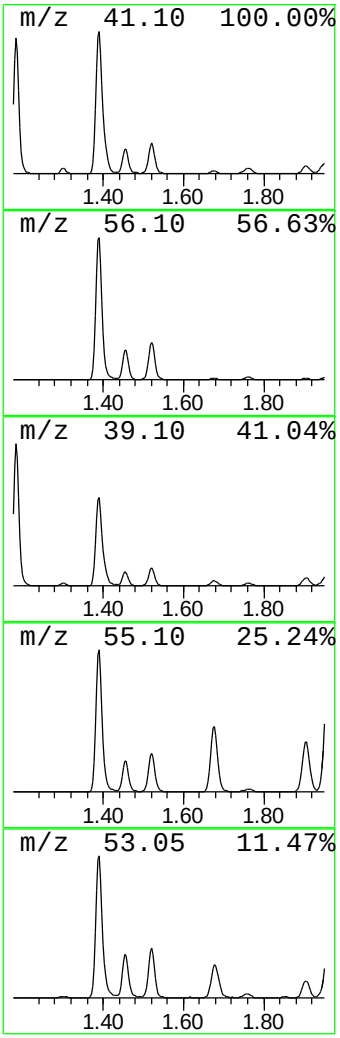
****

Peak Number 1 (DEL) Alkane: Cyclic1.45 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	2.52 ug/L	165496	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	90
3	1-Butene	56	C4H8	000106-98-9	87
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
5	2-Butene, (Z)-	56	C4H8	000590-18-1	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

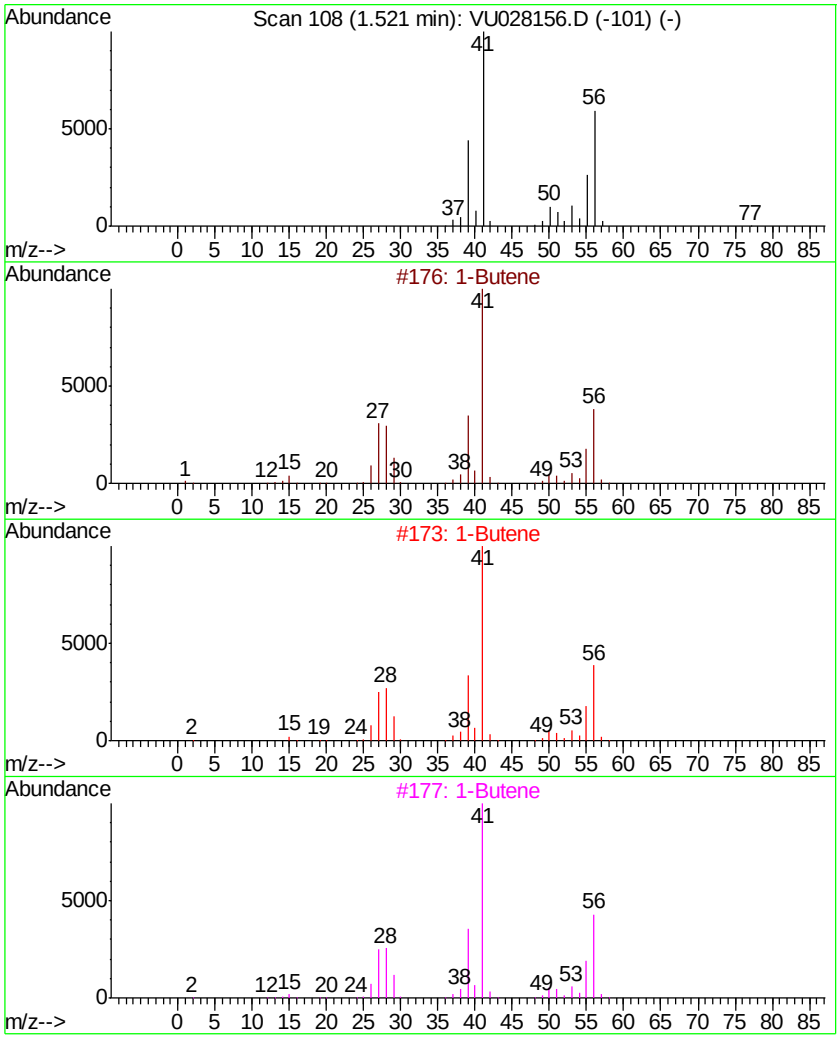
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

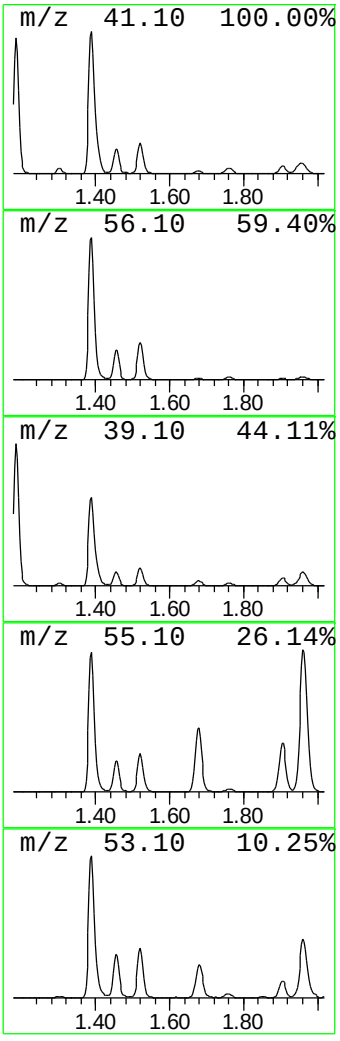
****

Peak Number 2 (DEL) Alkane: Cyclic1.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	3.78 ug/L	247899	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	83
2	1-Butene	56	C4H8	000106-98-9	83
3	1-Butene	56	C4H8	000106-98-9	80
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

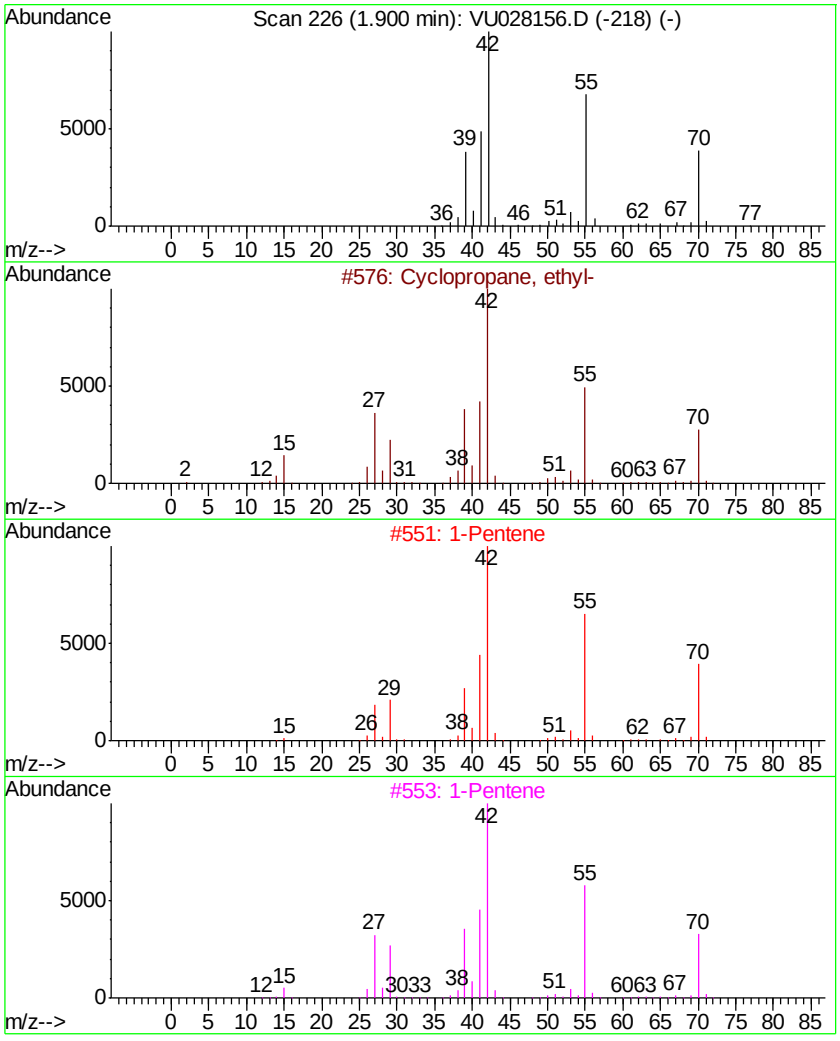
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

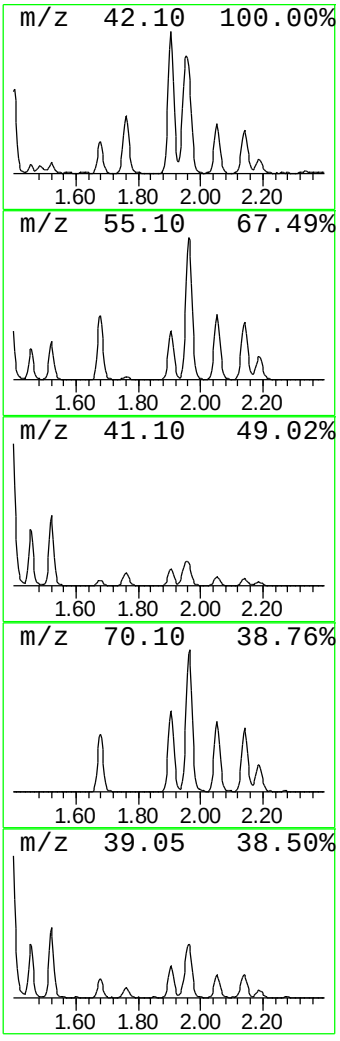
****

Peak Number 3 (DEL) Alkane: Cyclic1.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	2.70 ug/L	176753	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2	1-Pentene	70	C5H10	000109-67-1	76
3	1-Pentene	70	C5H10	000109-67-1	76
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
5	Cyclopentane	70	C5H10	000287-92-3	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

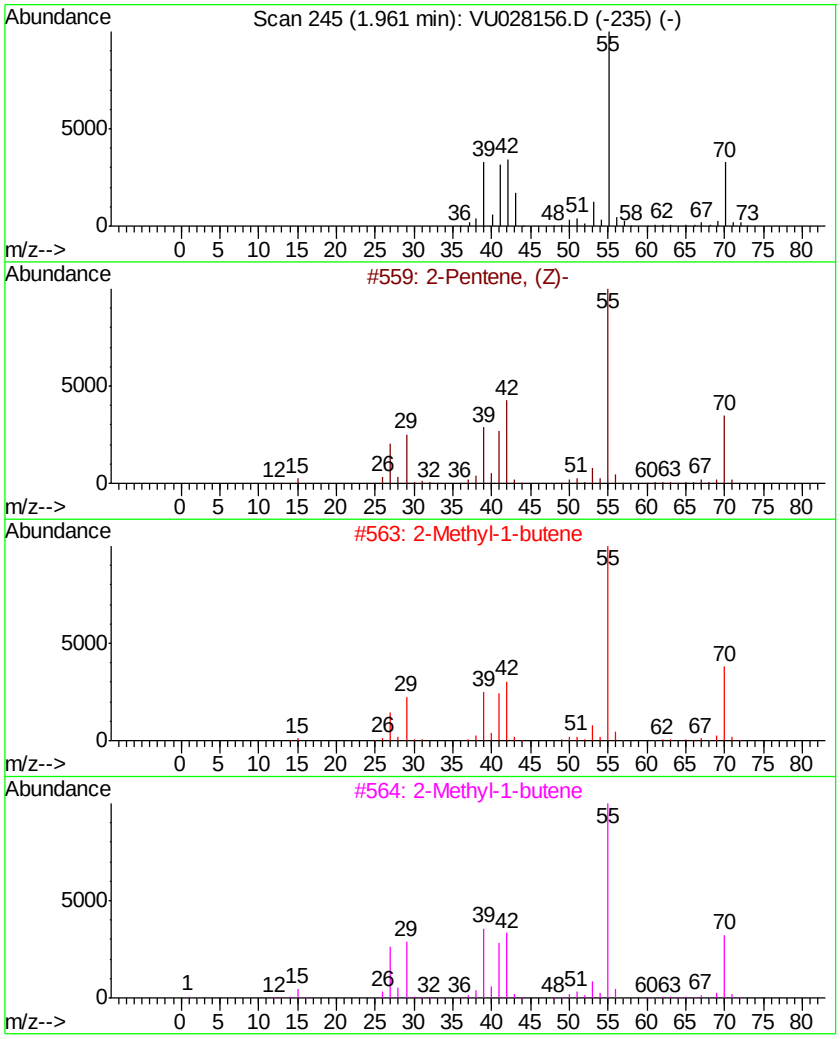
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

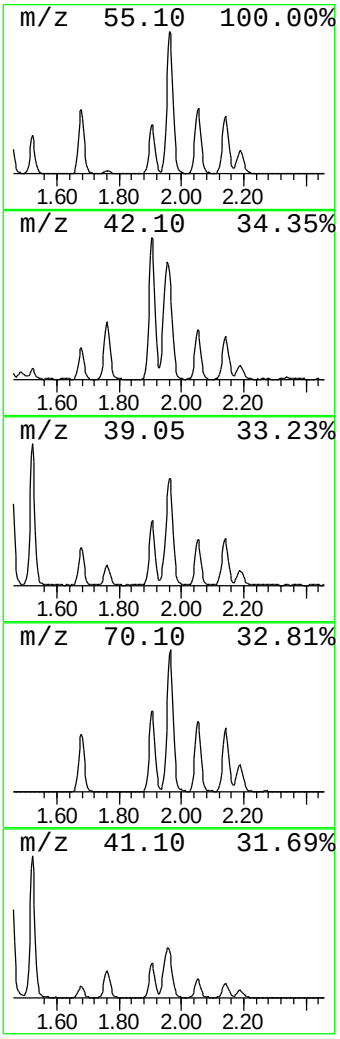
****

Peak Number 4 (DEL) Alkane: Cyclic1.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	6.44 ug/L	422008	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
2	2-Methyl-1-butene	70	C5H10	000563-46-2	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	90
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
5	2-Pentene, (E)-	70	C5H10	000646-04-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

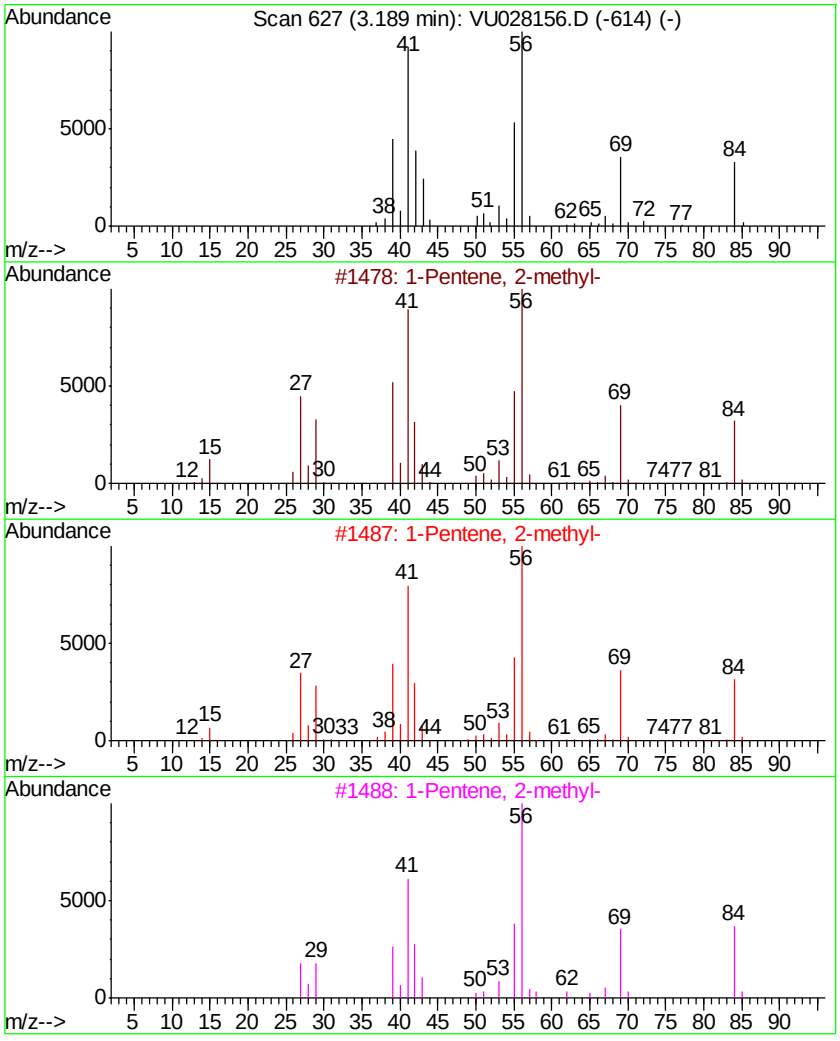
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

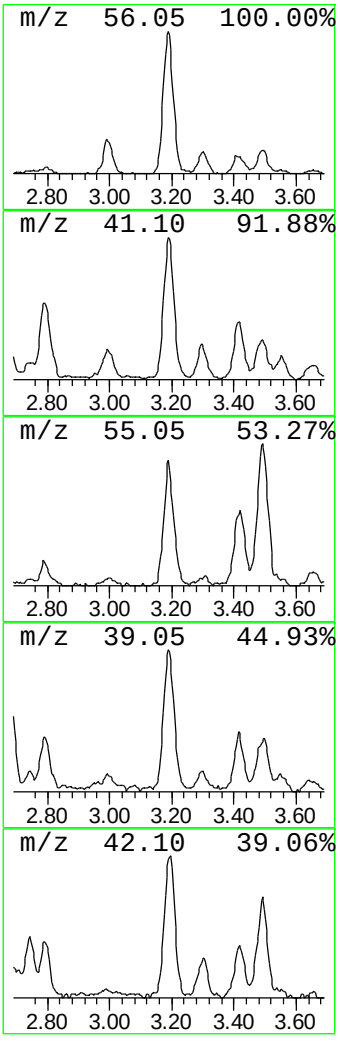
****

Peak Number 5 (DEL) Alkane: Cyclic3.19 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	2.23 ug/L	146093	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	95
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	90
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	74
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111418\
Data File : VU028156.D
Acq On : 15 Nov 2018 06:03
Operator : MD/SY
Sample : J5943-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FP4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.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...	1.45	2.5	ug/L	165496	1	5.89	327883	5.0
(DEL) Alkane: Cyc...	1.52	3.8	ug/L	247899	1	5.89	327883	5.0
(DEL) Alkane: Cyc...	1.90	2.7	ug/L	176753	1	5.89	327883	5.0
(DEL) Alkane: Cyc...	1.96	6.4	ug/L	422008	1	5.89	327883	5.0
(DEL) Alkane: Cyc...	3.19	2.2	ug/L	146093	1	5.89	327883	5.0