LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100920\
Data File : VU040612.D
Acq On : 10 Oct 2020 02:52
Operator : SY/MD
Sample : L4352-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETYZ8

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\SOMUTR100820WMA.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	1.366	3	8	20	rVB	365466	355265	47.90%	6.317%
2	1.498	38	49	55	rBV	59060	87925	11.85%	1.563%
3	1.597	72	80	89	rVV3	163862	256379	34.56%	4.558%
4	1.639	89	93	97	rVV	27658	26843	3.62%	0.477%
5	1.665	98	101	111	rVB	27358	28679	3.87%	0.510%
6	1.739	119	124	135	rVB2	22919	28698	3.87%	0.510%
7	1.922	173	181	191	rVB	66934	92092	12.42%	1.637%
8	2.105	233	238	248	rVB3	10005	13657	1.84%	0.243%
9	2.167	248	257	267	rVV	29513	41200	5.55%	0.733%
10	2.215	268	272	281	rVB6	5179	7851	1.06%	0.140%
11	2.327	301	307	315	rVB4	6588	9515	1.28%	0.169%
12	2.581	374	386	399	rBV	120537	199378	26.88%	3.545%
13	3.610	696	706	717	rVB5	4816	9185	1.24%	0.163%
14	4.662	1012	1033	1072	rBV2	77536	297210	40.07%	5.284%
15	5.083	1148	1164	1187	rBV	108615	238519	32.16%	4.241%
16	5.742	1347	1369	1382	rBV2	209313	556542	75.03%	9.895%
17	6.263	1515	1531	1552	rBV	176735	328778	44.33%	5.846%
18	6.703	1654	1668	1684	rBV	137335	266849	35.98%	4.745%
19	7.575	1927	1939	1953	rBV	65985	113951	15.36%	2.026%
20	7.906	2025	2042	2057	rBV	233412	401220	54.09%	7.134%
21	8.186	2118	2129	2152	rBV2	42947	73910	9.96%	1.314%
22	8.642	2254	2271	2298	rBV	393507	741741	100.00%	13.188%
23	9.420	2500	2513	2536	rBV	259238	427377	57.62%	7.599%
24	9.571	2551	2560	2571	rBV2	7636	11932	1.61%	0.212%
25	9.690	2584	2597	2610	rBV	29643	48200	6.50%	0.857%
26	10.099	2715	2724	2735	rBV2	8150	12505	1.69%	0.222%
27	10.755	2917	2928	2946	rVB	110736	179003	24.13%	3.183%
28	11.806	3240	3255	3274	rBV	232002	369870	49.87%	6.576%
29	12.063	3325	3335	3353	rBV4	4835	11946	1.61%	0.212%
30	12.185	3358	3373	3389	rVV	239408	388057	52.32%	6.900%

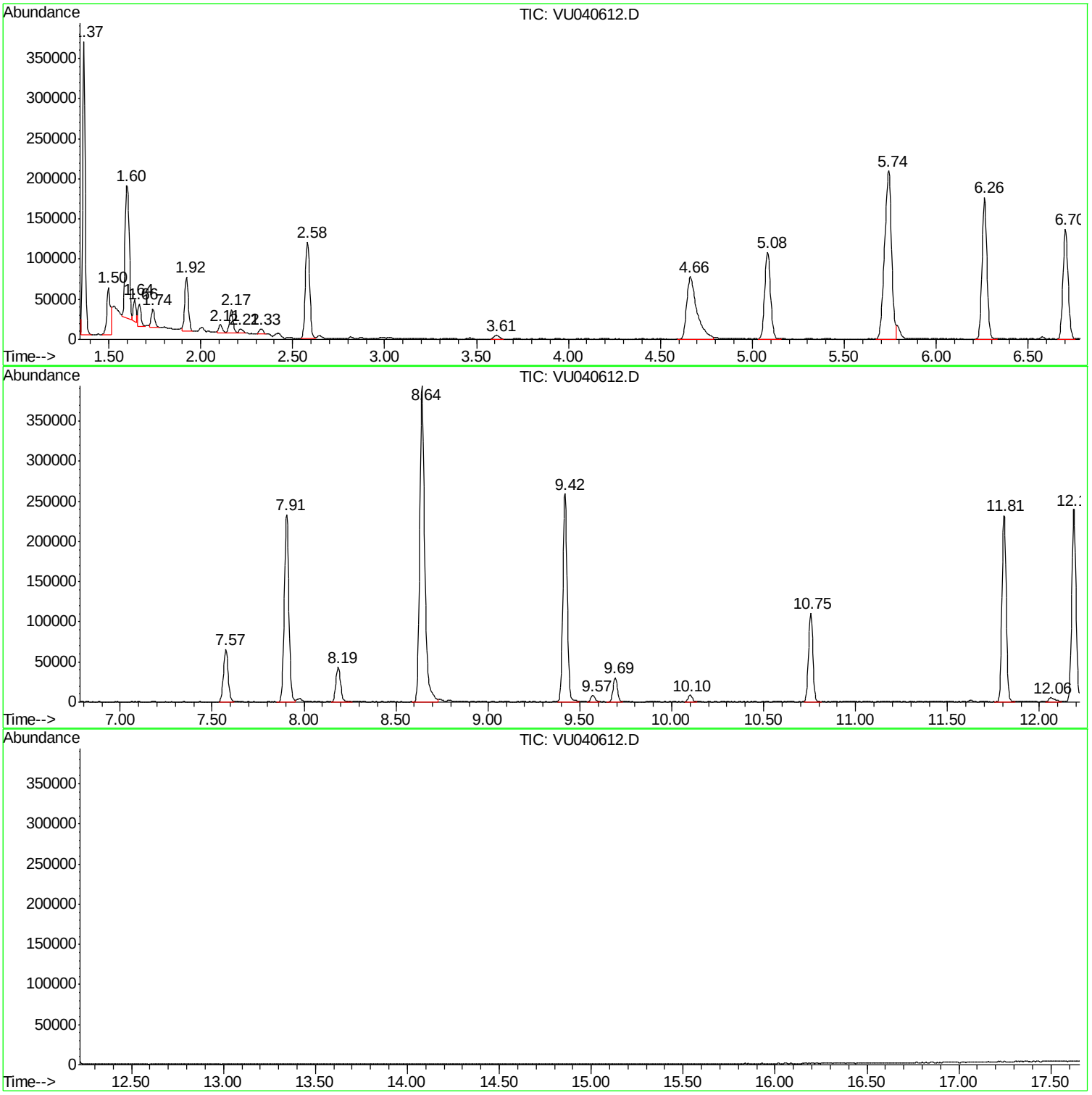
Sum of corrected areas: 5624277

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100920\
Data File : VU040612.D
Acq On : 10 Oct 2020 02:52
Operator : SY/MD
Sample : L4352-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETYZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.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\VU100920\
Data File : VU040612.D
Acq On : 10 Oct 2020 02:52
Operator : SY/MD
Sample : L4352-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETYZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

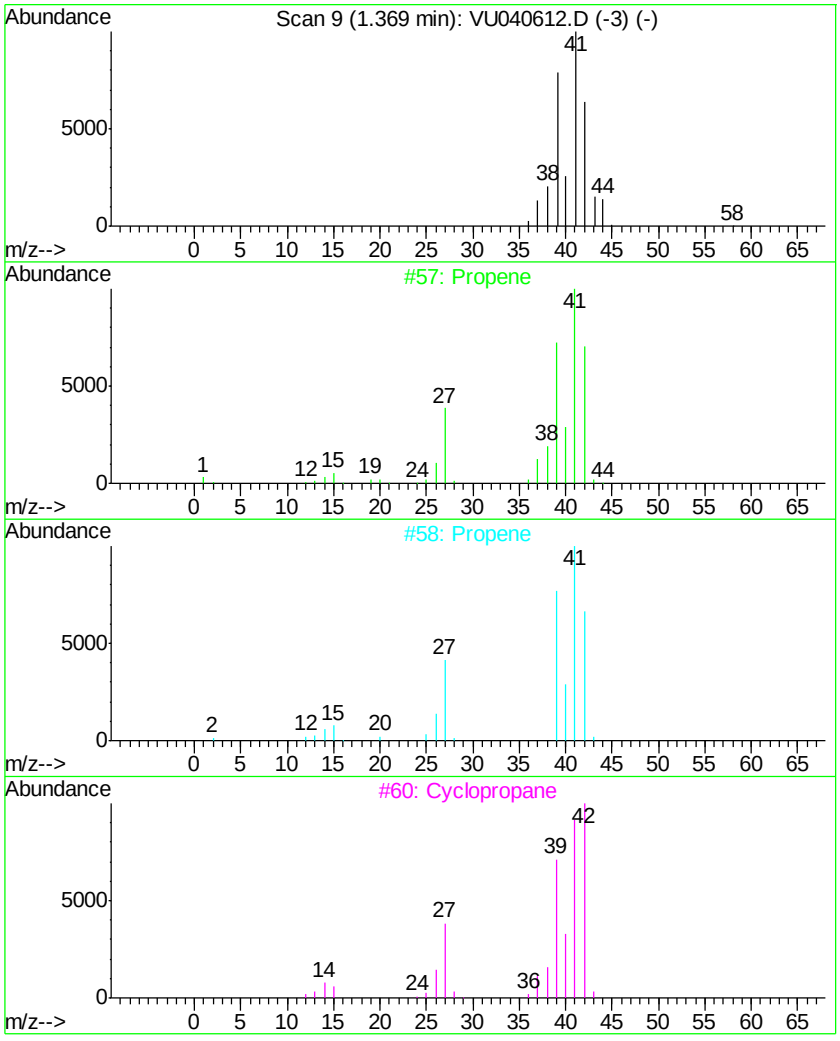
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

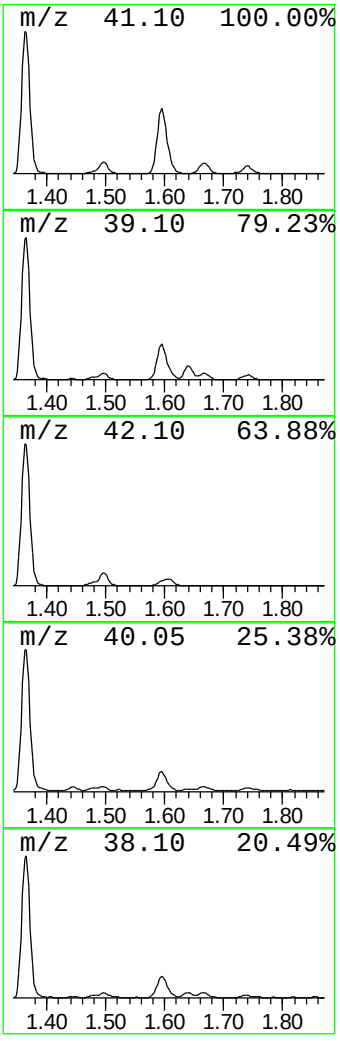
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	5.40 ug/L	355265	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
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\VU100920\
Data File : VU040612.D
Acq On : 10 Oct 2020 02:52
Operator : SY/MD
Sample : L4352-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETYZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

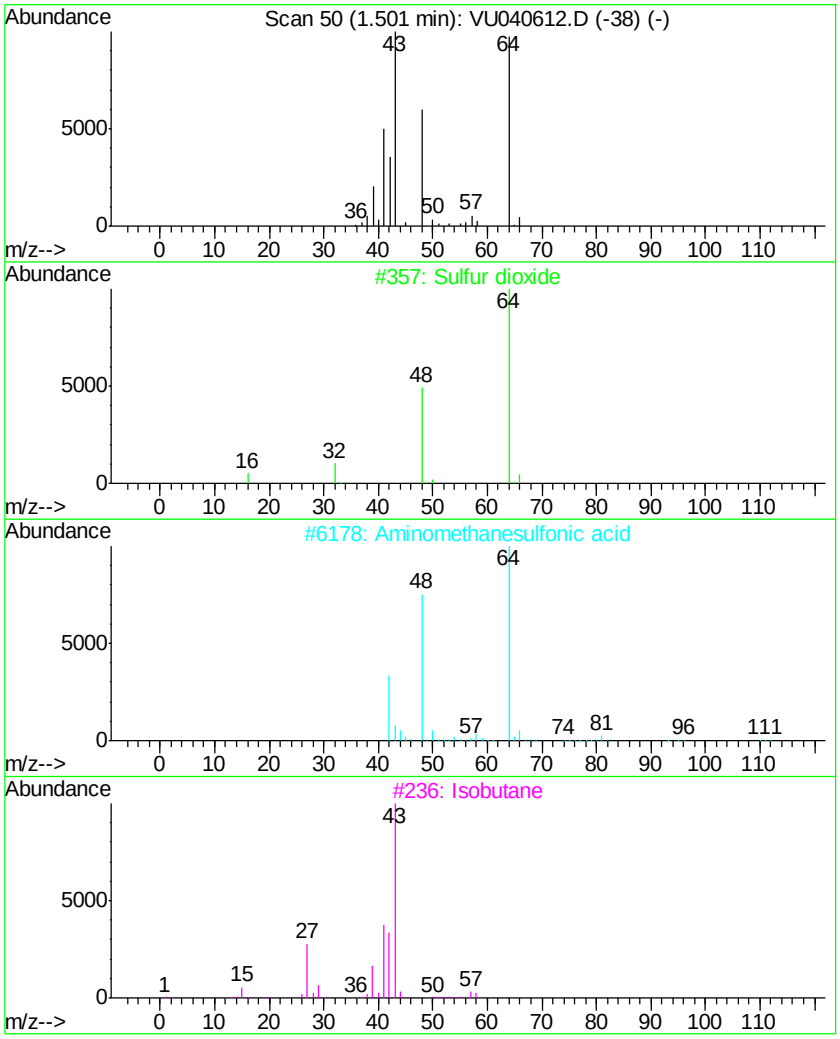
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

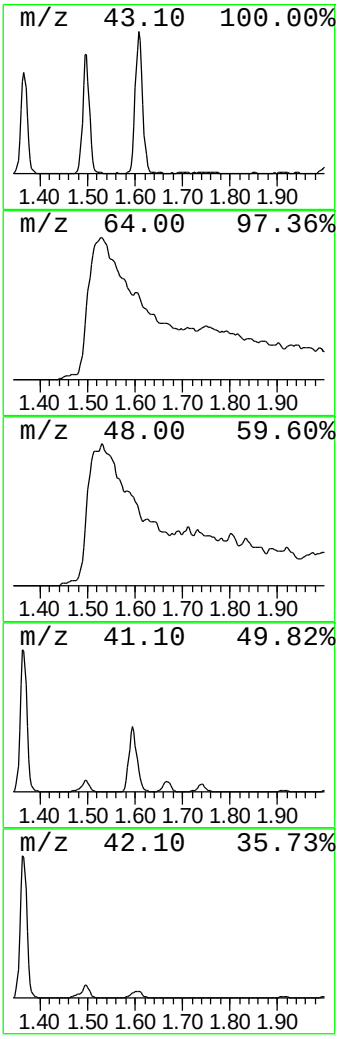
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	1.34 ug/L	87925	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	42
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	40
3	Isobutane	58	C4H10	000075-28-5	10
4	Isobutane	58	C4H10	000075-28-5	10
5	Sulfur dioxide	64	O2S	007446-09-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100920\
Data File : VU040612.D
Acq On : 10 Oct 2020 02:52
Operator : SY/MD
Sample : L4352-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETYZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

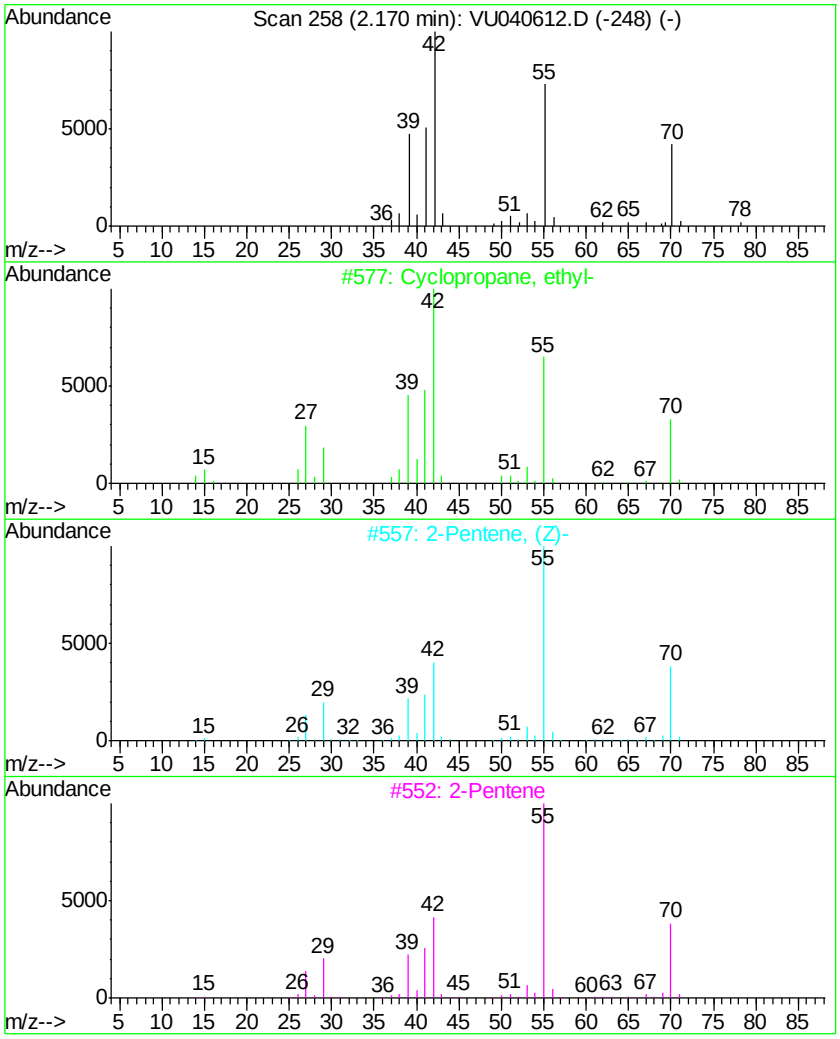
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

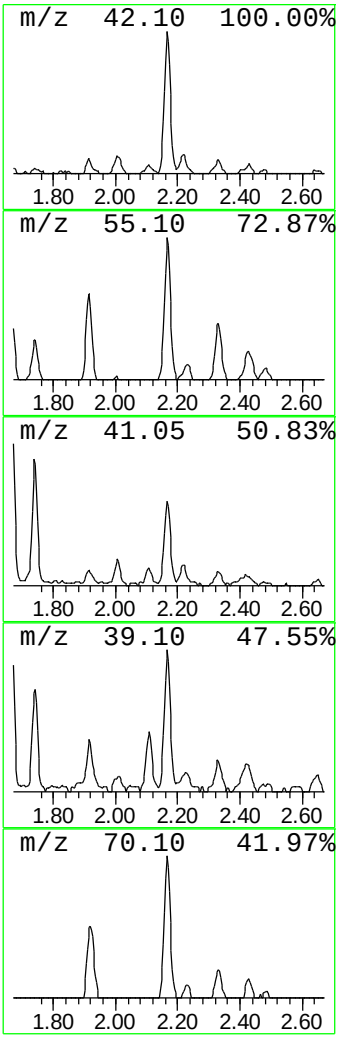
****

Peak Number 3 (DEL) Alkane: Cyclic2.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	0.63 ug/L	41200	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	86
3	2-Pentene	70	C5H10	000109-68-2	86
4	1-Pentene	70	C5H10	000109-67-1	76
5	1-Pentene	70	C5H10	000109-67-1	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100920\
Data File : VU040612.D
Acq On : 10 Oct 2020 02:52
Operator : SY/MD
Sample : L4352-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETYZ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.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...	1.37	5.4	ug/L	355265	1	6.26	328778	5.0
unknown-01	1.50	1.3	ug/L	87925	1	6.26	328778	5.0
(DEL) Alkane: Cyc...	2.17	0.6	ug/L	41200	1	6.26	328778	5.0