LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
Sample : L4428-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

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	24	rVB	7071953	6666611	100.00%	43.255%
2	1.498	36	49	74	rBV2	1771989	2503498	37.55%	16.244%
3	1.607	76	83	94	rVV	1102034	1224008	18.36%	7.942%
4	1.922	177	181	195	rVB2	51971	70758	1.06%	0.459%
5	2.006	199	207	220	rVB	326245	452598	6.79%	2.937%
6	2.215	265	272	287	rVB	47791	71264	1.07%	0.462%
7	2.581	375	386	407	rBV	71248	126414	1.90%	0.820%
8	3.154	552	564	585	rVB	65724	133369	2.00%	0.865%
9	3.375	619	633	649	rVB4	36216	73695	1.11%	0.478%
10	4.552	983	999	1016	rVB2	39840	95328	1.43%	0.619%
11	4.684	1016	1040	1066	rBV2	172744	565148	8.48%	3.667%
12	5.083	1147	1164	1182	rBV	88942	190569	2.86%	1.236%
13	5.404	1248	1264	1279	rBV4	65328	147446	2.21%	0.957%
14	5.742	1350	1369	1394	rVB2	159735	435935	6.54%	2.828%
15	6.263	1517	1531	1551	rBV	158126	293107	4.40%	1.902%
16	6.703	1655	1668	1680	rBV	112149	220091	3.30%	1.428%
17	7.575	1927	1939	1957	rVB	46837	84327	1.26%	0.547%
18	7.906	2019	2042	2058	rBV	155228	271634	4.07%	1.762%
19	8.642	2257	2271	2296	rBV	348367	657317	9.86%	4.265%
20	9.420	2499	2513	2531	rBV	224239	374644	5.62%	2.431%
21	10.755	2916	2928	2943	rBV	99634	162179	2.43%	1.052%
22	11.806	3244	3255	3270	rVB	192531	303644	4.55%	1.970%
23	12.189	3362	3374	3389	rBV	174522	288655	4.33%	1.873%

Sum of corrected areas: 15412239

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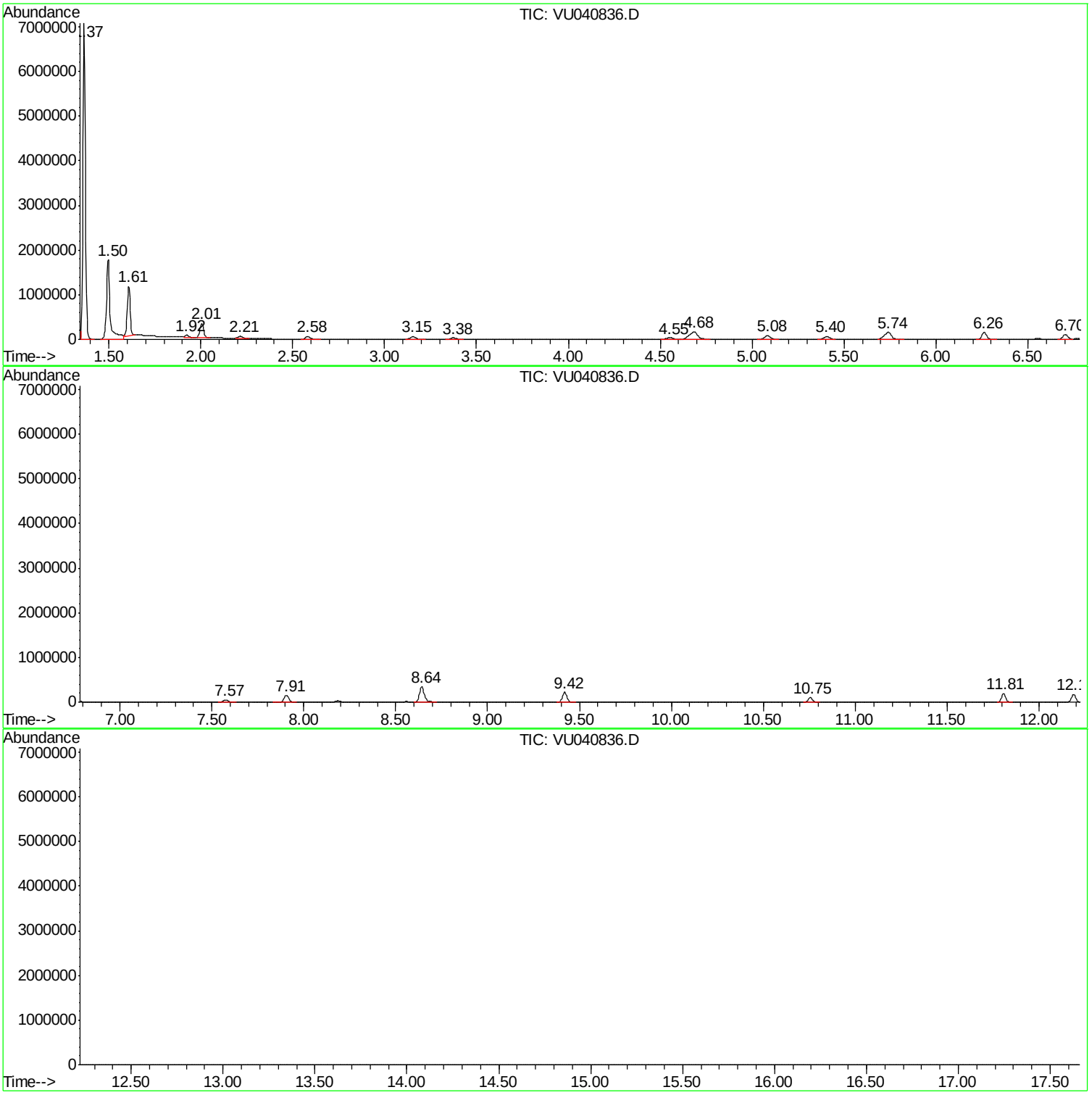
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
Sample : L4428-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

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

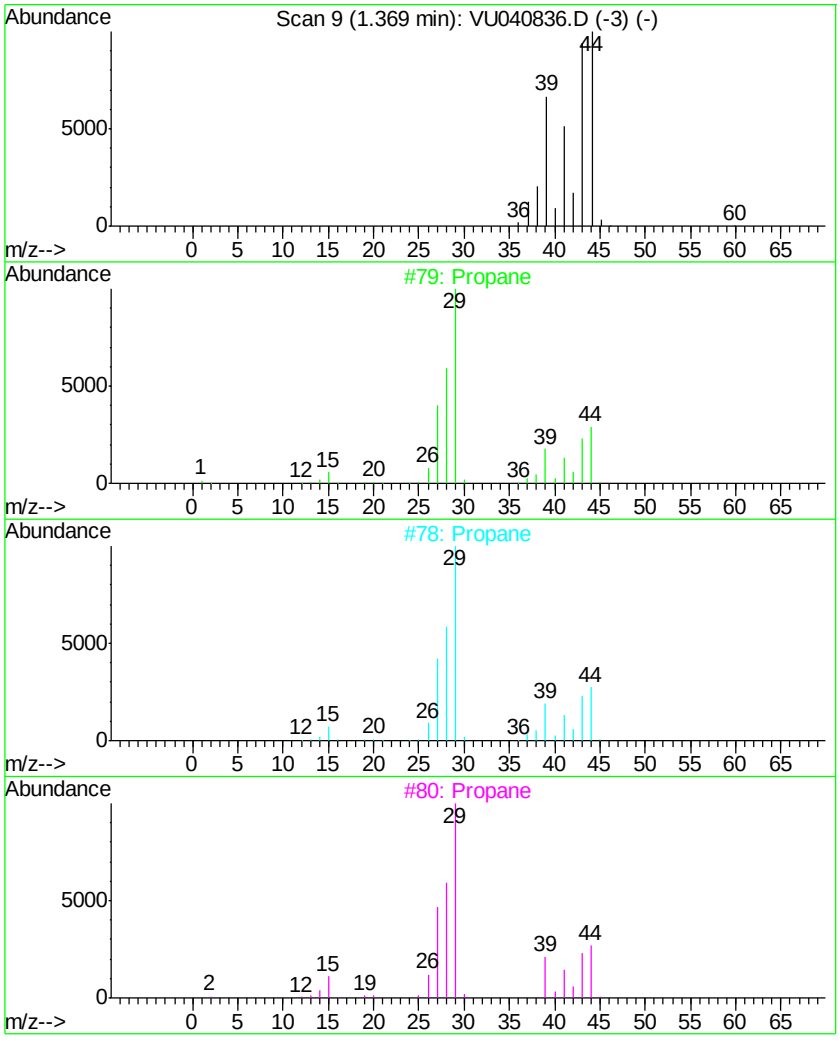
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

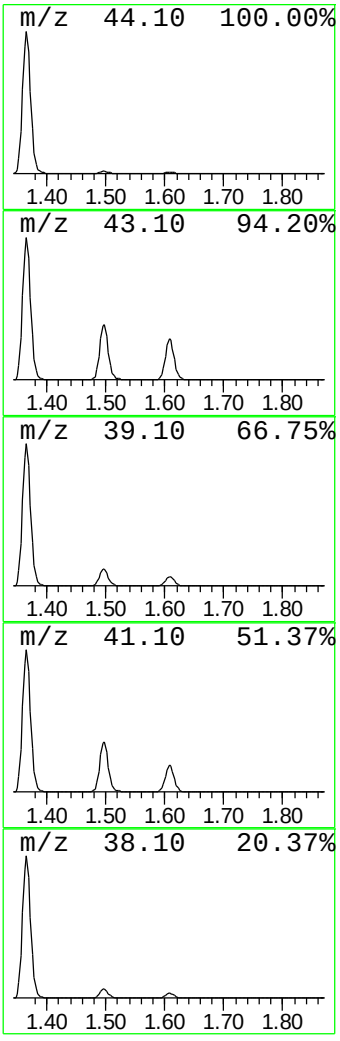
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	113.72 ug/L	6666610	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Acetaldehyde	44	C2H4O	000075-07-0	5





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
Sample : L4428-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

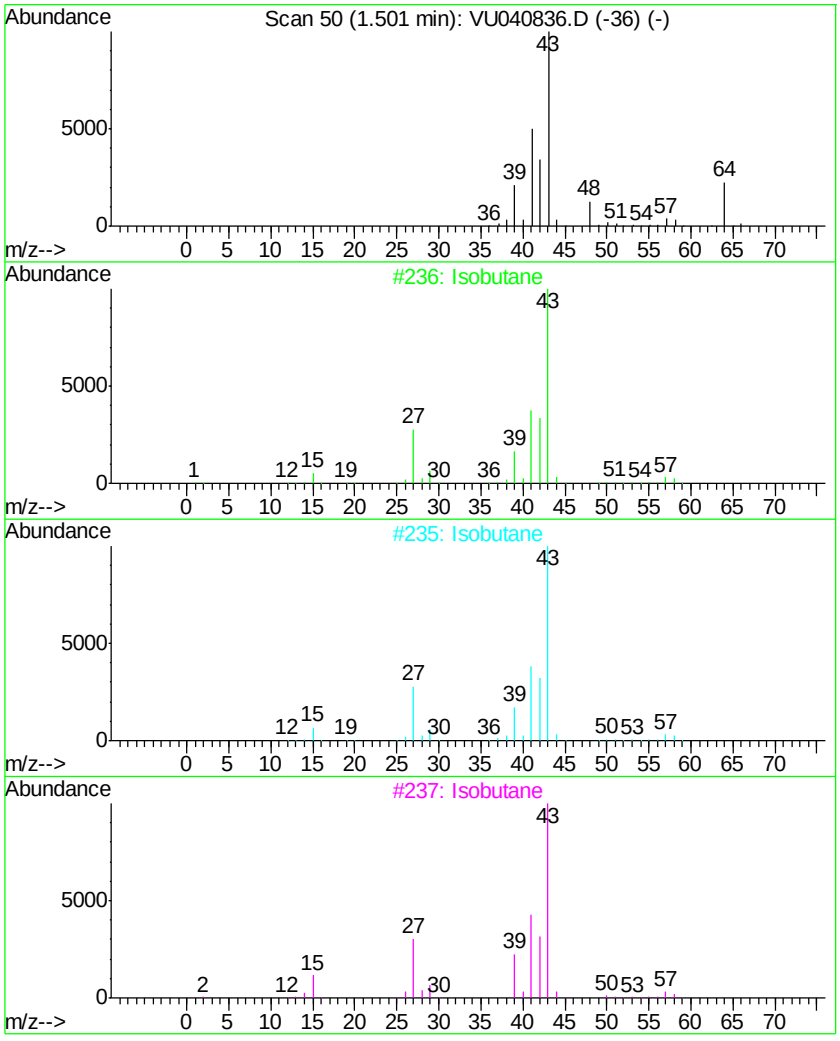
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

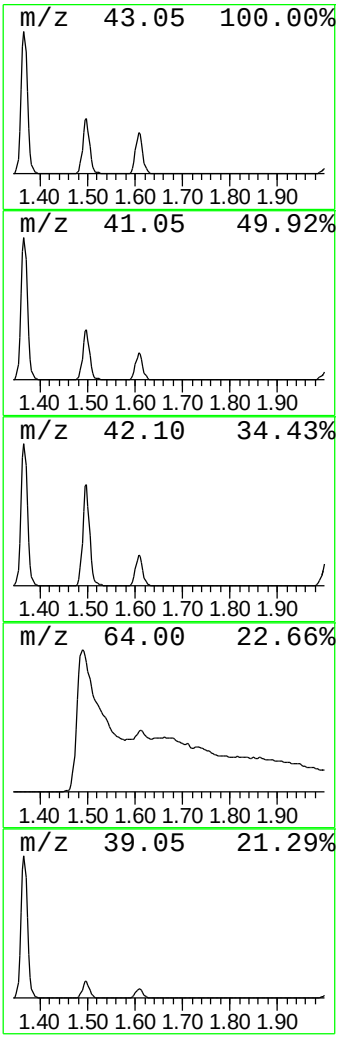
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	42.71 ug/L	2503500	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	46
2	Isobutane	58	C4H10	000075-28-5	46
3	Isobutane	58	C4H10	000075-28-5	43
4	Isobutane	58	C4H10	000075-28-5	38
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
Sample : L4428-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

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

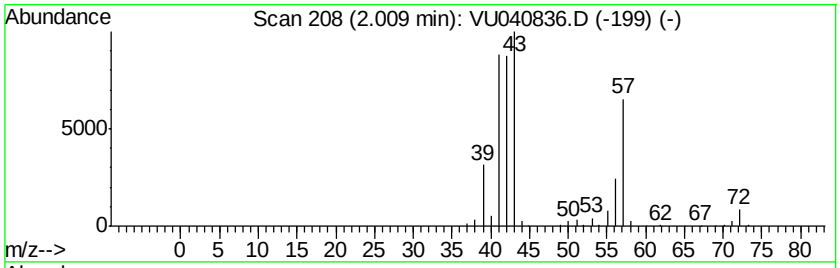
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

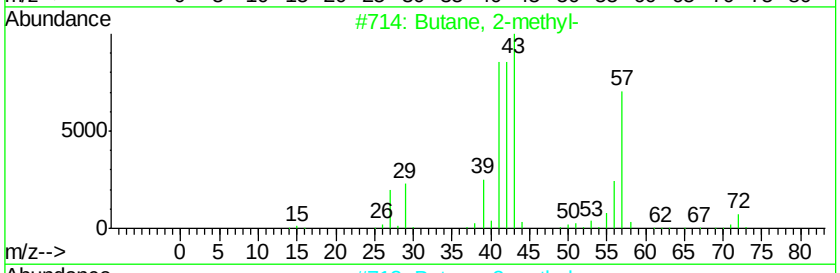
****

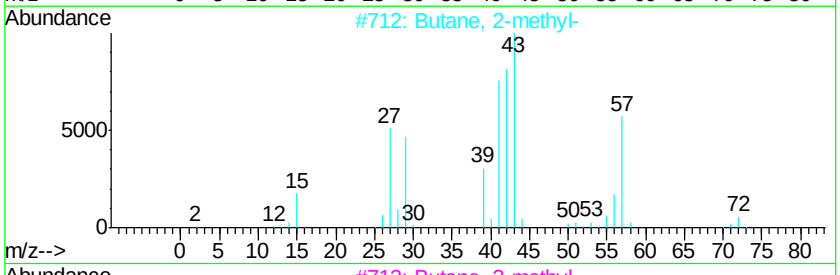
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

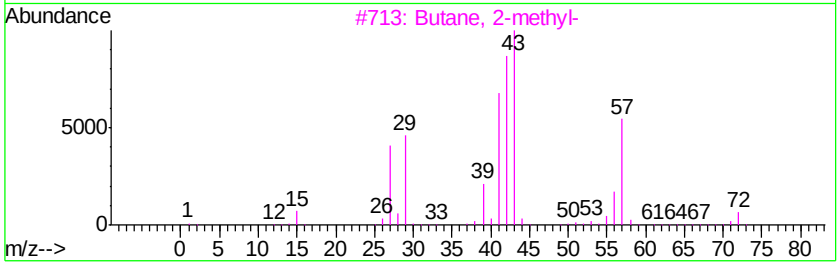
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	7.72 ug/L	452598	1,4-Difluorobenzene	6.26

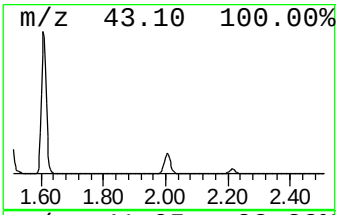
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	90
3	Butane, 2-methyl-	72	C5H12	000078-78-4	86
4	3-Buten-1-ol	72	C4H8O	000627-27-0	38
5	Pentane	72	C5H12	000109-66-0	36

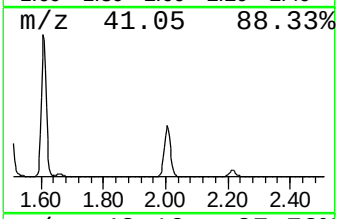


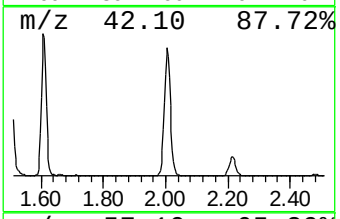


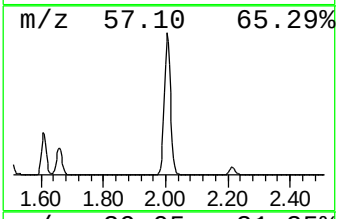


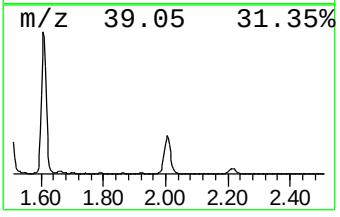












Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
Sample : L4428-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

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

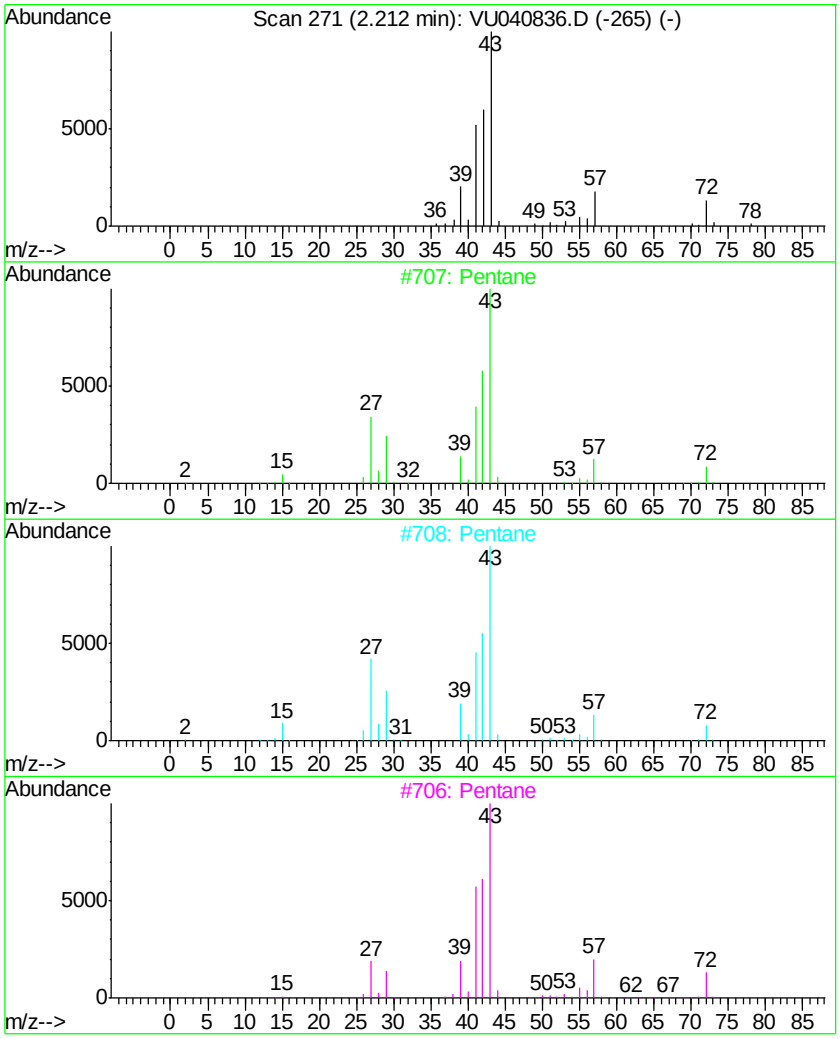
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

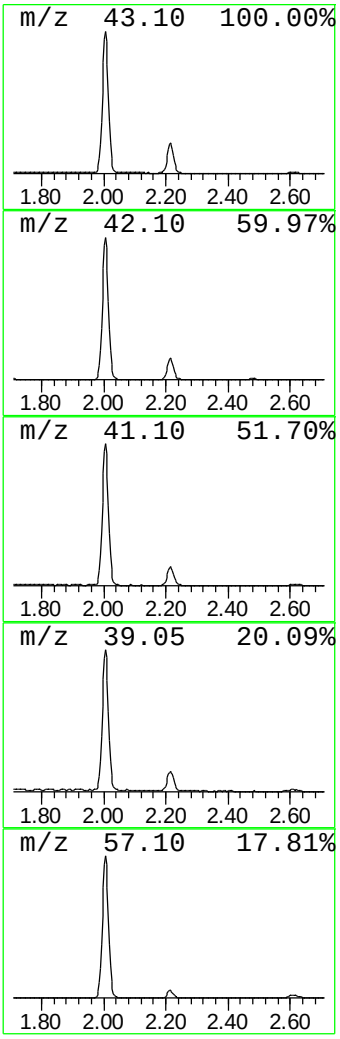
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	1.22 ug/L	71264	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	50
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
Sample : L4428-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

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

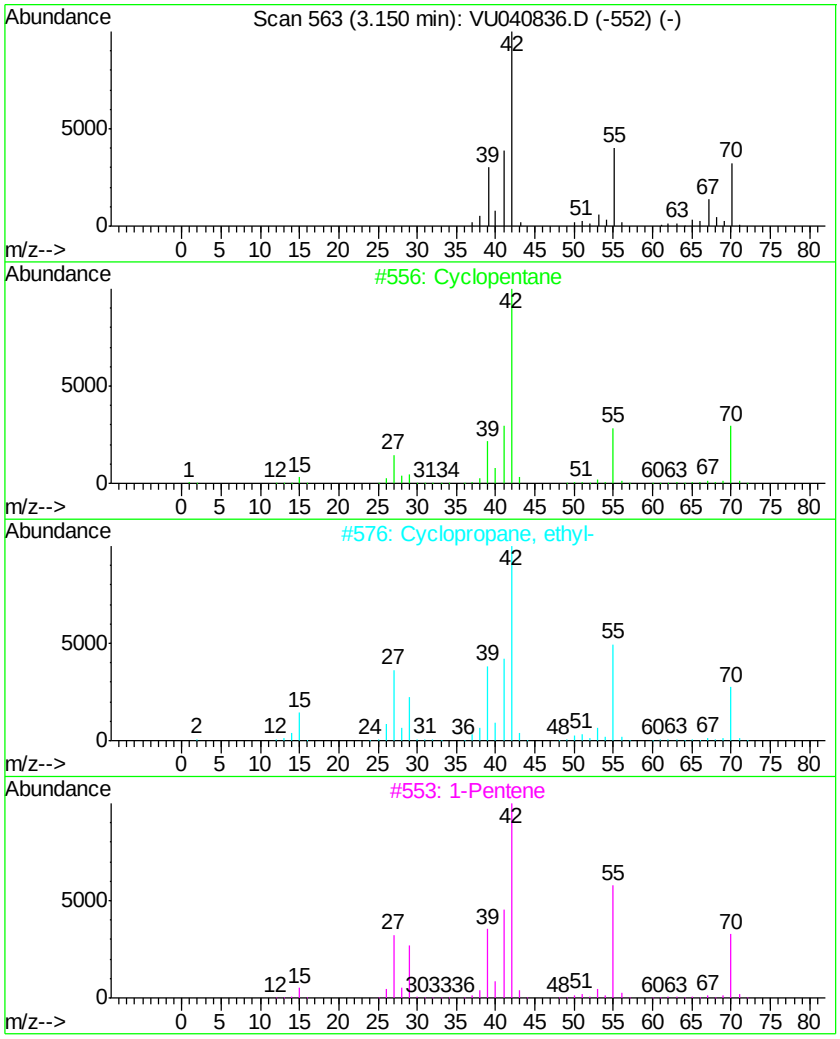
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

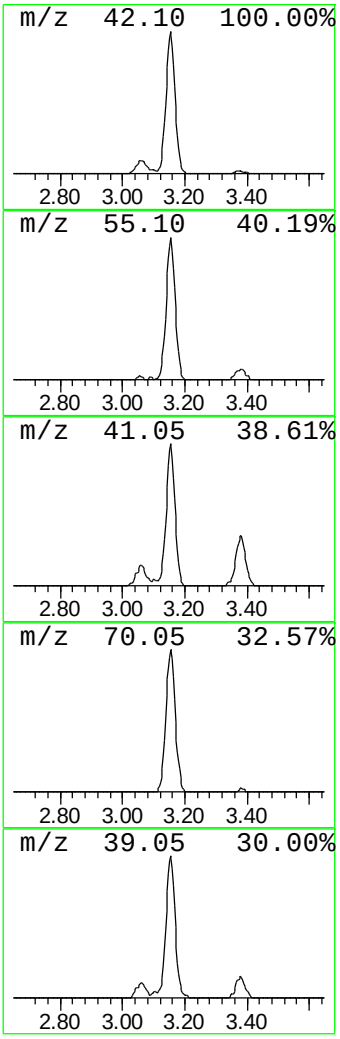
****

Peak Number 5 (DEL) Alkane: Cyclic3.15 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	2.28 ug/L	133369	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	64
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
3	1-Pentene	70	C5H10	000109-67-1	59
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040836.D
Acq On : 20 Oct 2020 04:05
Operator : SY/MD
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ32

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

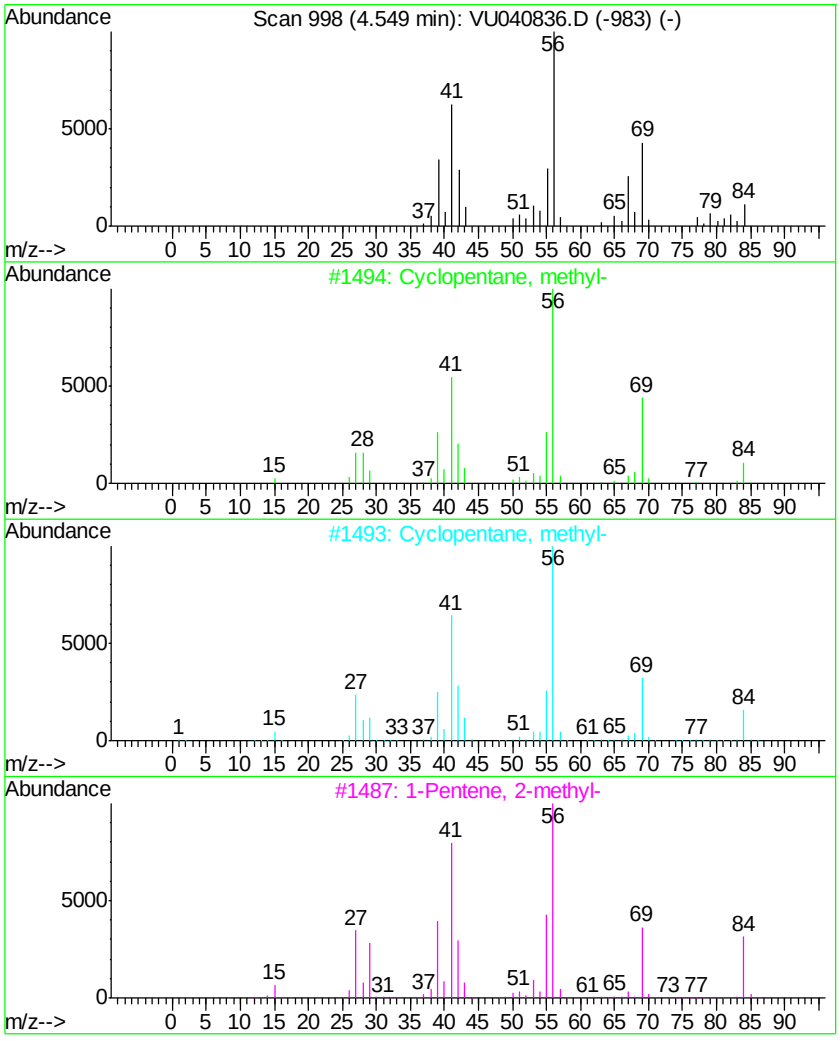
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

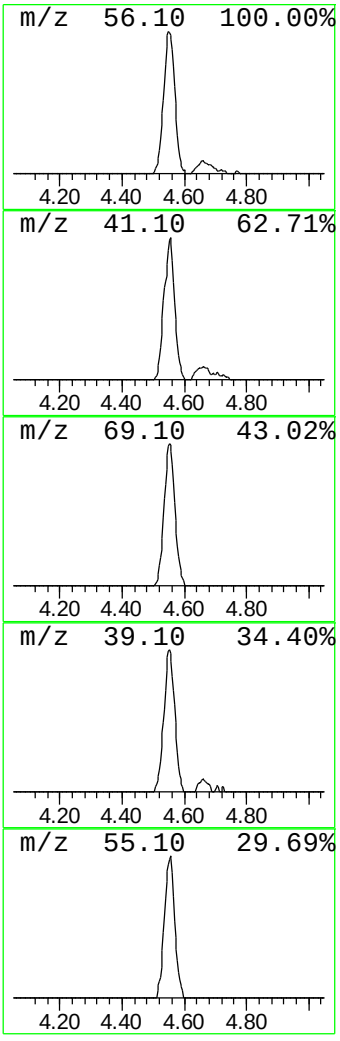
****

Peak Number 6 (DEL) Alkane: Cyclic4.55 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	1.63 ug/L	95328	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclohexane	84	C6H12	000110-82-7	59





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: Str...	1.37	113.7	ug/L	6666610	1	6.26	293107	5.0
(DEL) Alkane: Str...	1.50	42.7	ug/L	2503500	1	6.26	293107	5.0
(DEL) Alkane: Str...	2.01	7.7	ug/L	452598	1	6.26	293107	5.0
(DEL) Alkane: Str...	2.21	1.2	ug/L	71264	1	6.26	293107	5.0
(DEL) Alkane: Cyc...	3.15	2.3	ug/L	133369	1	6.26	293107	5.0
(DEL) Alkane: Cyc...	4.55	1.6	ug/L	95328	1	6.26	293107	5.0