LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101720\
Data File : VU040788.D
Acq On : 18 Oct 2020 01:50
Operator : SY/MD
Sample : L4354-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ39

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	27	rVB	3857827	3642731	100.00%	35.117%
2	1.498	37	49	60	rBV	794715	790589	21.70%	7.622%
3	1.610	76	84	95	rVB3	639314	696340	19.12%	6.713%
4	1.925	175	182	195	rVV	51358	68007	1.87%	0.656%
5	2.006	199	207	224	rVB	116359	166509	4.57%	1.605%
6	2.218	264	273	283	rVB	48687	68982	1.89%	0.665%
7	2.581	373	386	406	rBV	89228	154561	4.24%	1.490%
8	4.687	1015	1041	1083	rBV2	461366	1228936	33.74%	11.847%
9	5.083	1148	1164	1185	rBV2	94383	205155	5.63%	1.978%
10	5.742	1349	1369	1389	rBV2	174939	472000	12.96%	4.550%
11	6.263	1515	1531	1546	rBV	159477	300208	8.24%	2.894%
12	6.703	1653	1668	1683	rBV2	119849	234242	6.43%	2.258%
13	7.574	1927	1939	1955	rBV2	50529	87677	2.41%	0.845%
14	7.906	2027	2042	2061	rBV2	180037	308141	8.46%	2.971%
15	8.185	2117	2129	2141	rBV3	33465	57205	1.57%	0.551%
16	8.642	2257	2271	2307	rBV	343228	690178	18.95%	6.654%
17	9.420	2498	2513	2545	rBV	235610	396446	10.88%	3.822%
18	10.754	2917	2928	2942	rVB	106839	171047	4.70%	1.649%
19	11.806	3243	3255	3271	rBV	200279	321144	8.82%	3.096%
20	12.188	3362	3374	3387	rBV	193803	312949	8.59%	3.017%

Sum of corrected areas: 10373047

LSC Report - Integrated Chromatogram

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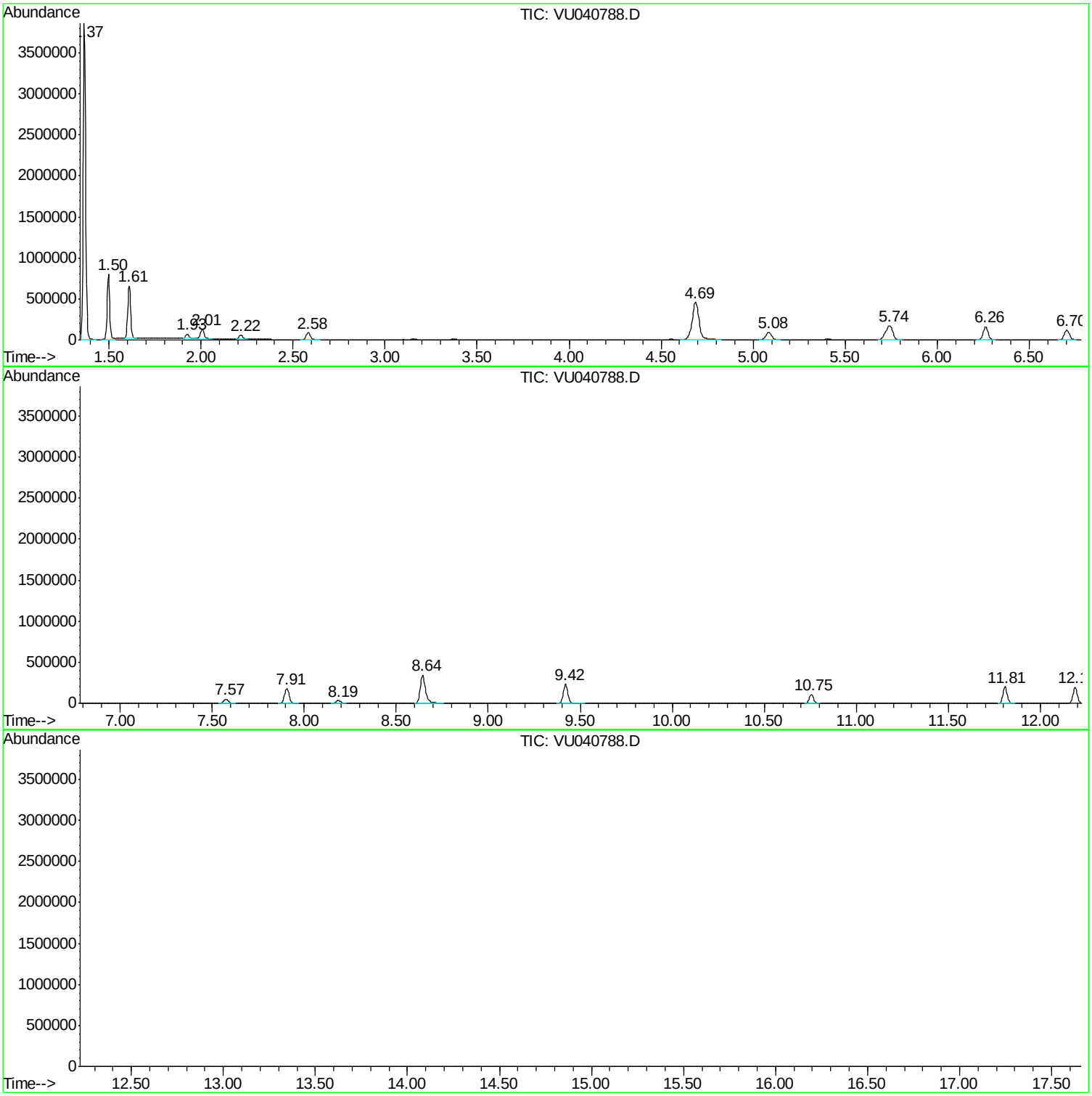
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ39

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



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Data File : VU040788.D
Acq On : 18 Oct 2020 01:50
Operator : SY/MD
Sample : L4354-20
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Instrument : MSVOA_U
ClientSampleId : ETZ39

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

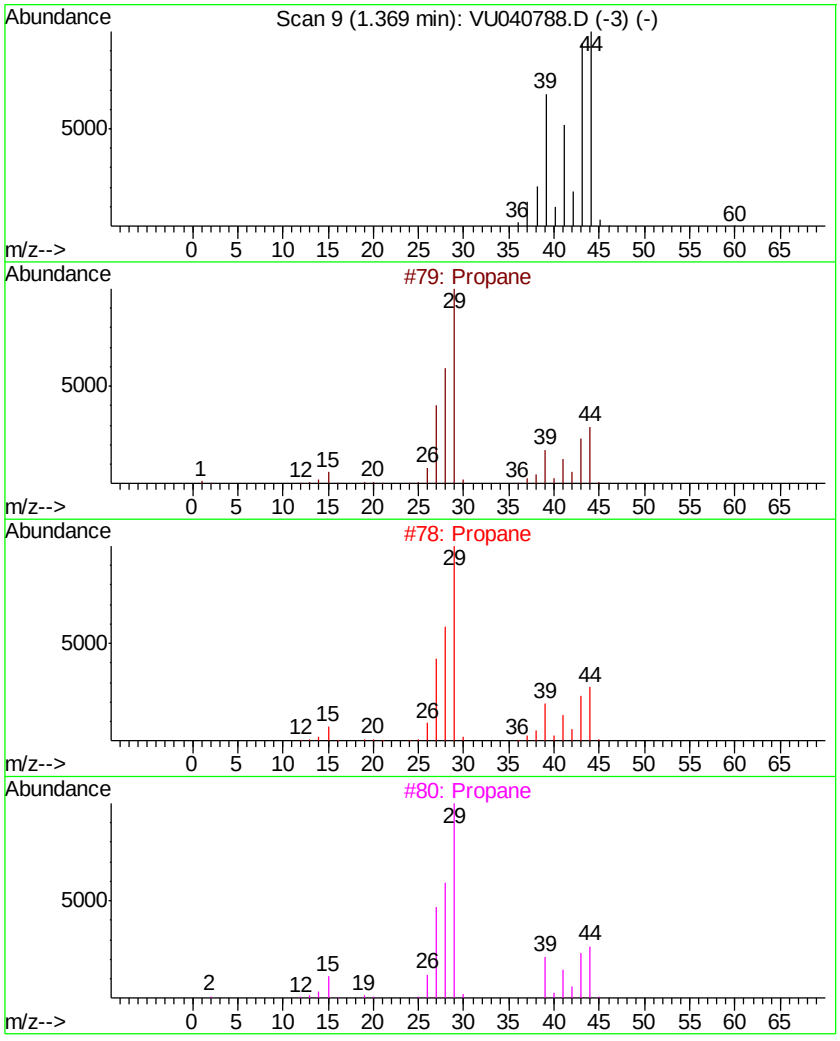
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

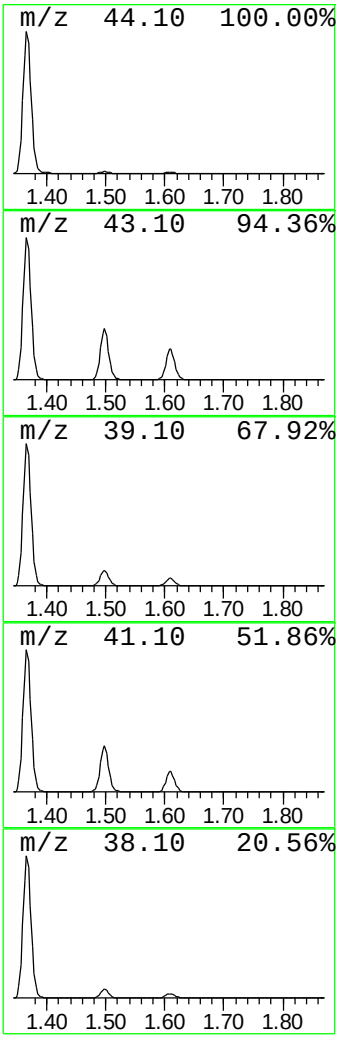
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	60.67 ug/L	3642730	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





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Acq On : 18 Oct 2020 01:50
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Sample : L4354-20
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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ39

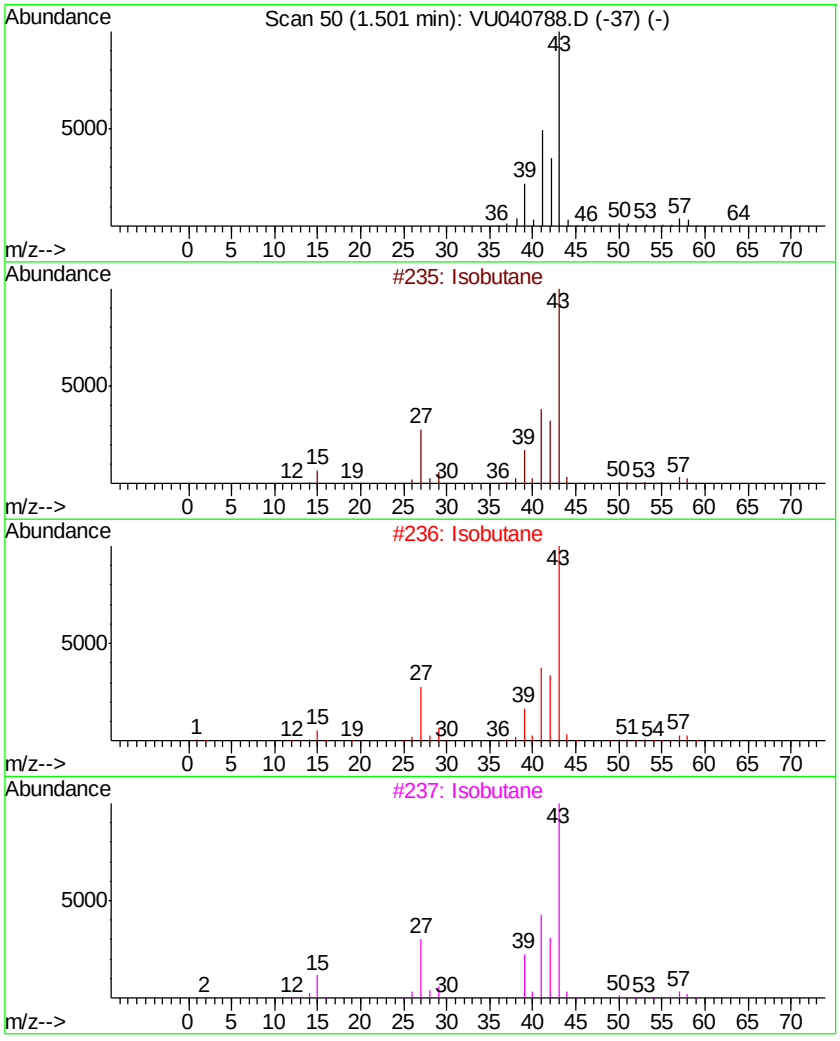
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

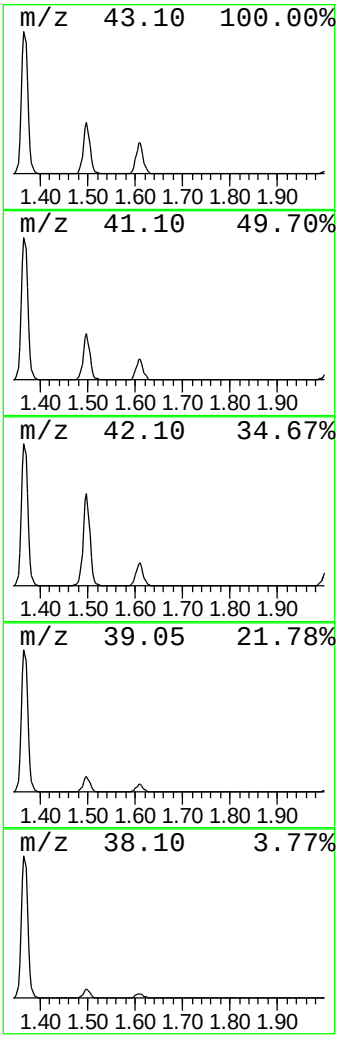
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	13.17 ug/L	790589	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	53
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101720\
Data File : VU040788.D
Acq On : 18 Oct 2020 01:50
Operator : SY/MD
Sample : L4354-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ39

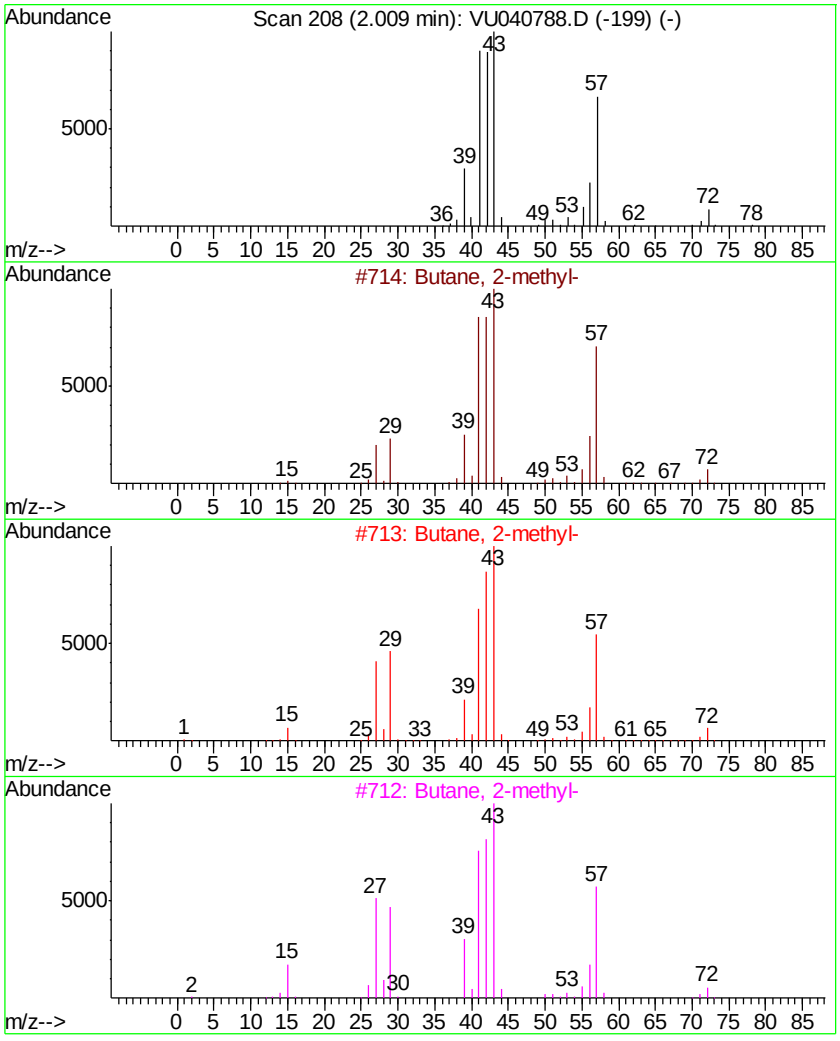
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

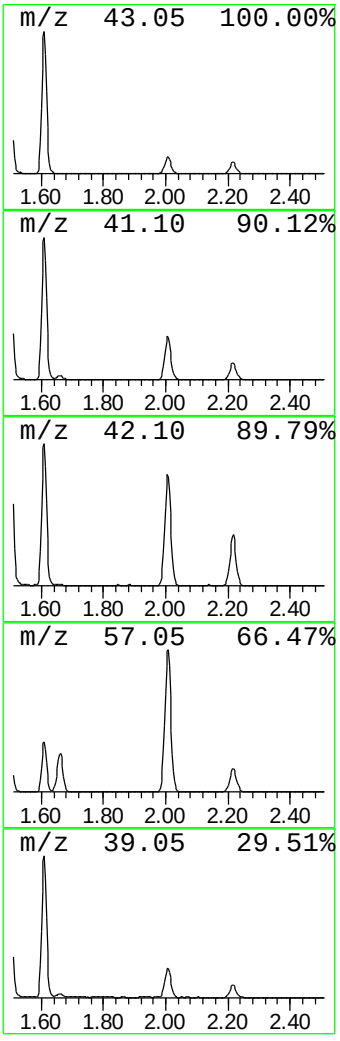
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	2.77 ug/L	166509	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	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	87
4	3-Buten-1-ol	72	C4H8O	000627-27-0	50
5	Pentane	72	C5H12	000109-66-0	36





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Sample : L4354-20
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ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ39

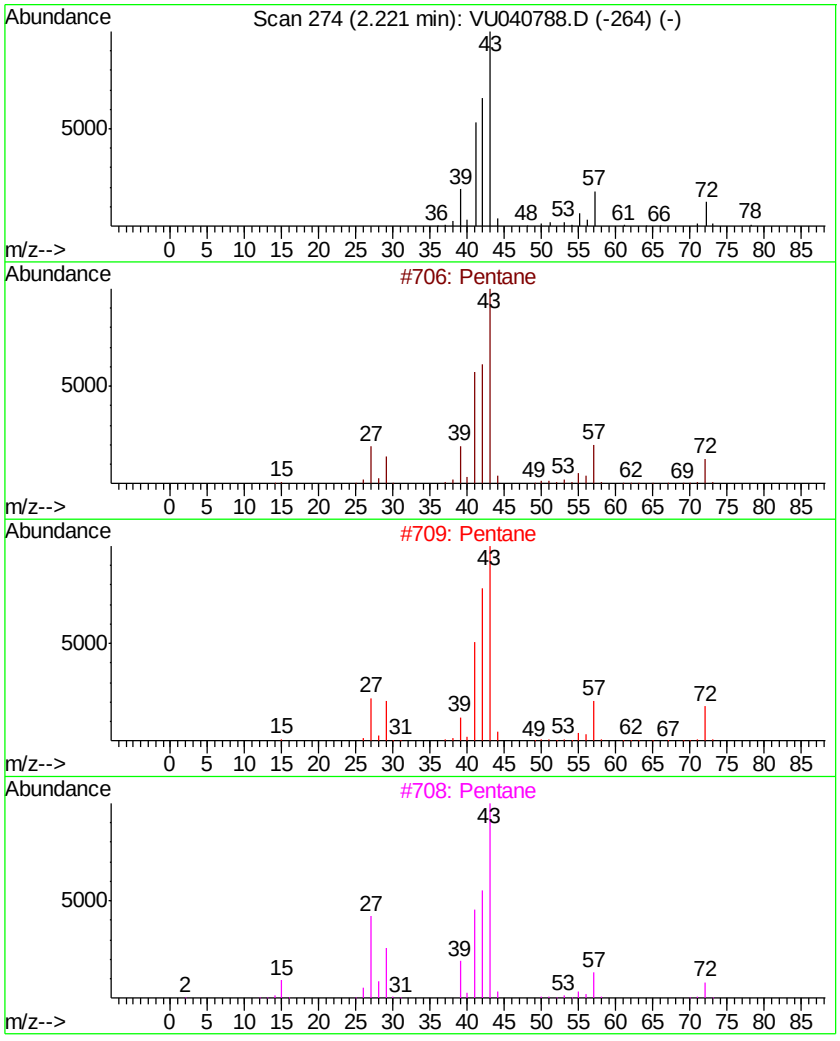
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0

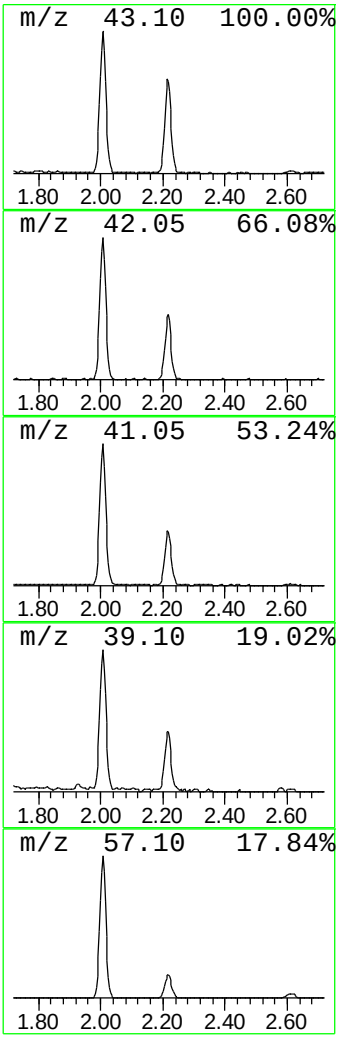
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	1.15 ug/L	68982	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
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Operator : SY/MD
Sample : L4354-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETZ39

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	60.7	ug/L	3642730	1	6.26	300208	5.0
(DEL) Alkane: Str...	1.50	13.2	ug/L	790589	1	6.26	300208	5.0
(DEL) Alkane: Str...	2.01	2.8	ug/L	166509	1	6.26	300208	5.0
(DEL) Alkane: Str...	2.22	1.1	ug/L	68982	1	6.26	300208	5.0