LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040495.D
Acq On : 03 Oct 2020 21:19
Operator : SY/MD
Sample : L4266-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA1

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\SOMUTR092920WMA.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	21	rVB	621635	599875	16.01%	6.660%
2	1.597	71	80	93	rBV3	224812	363986	9.71%	4.041%
3	1.922	172	181	198	rVB2	55771	79499	2.12%	0.883%
4	2.006	198	207	218	rVB	28336	39056	1.04%	0.434%
5	2.167	247	257	265	rBV	67607	92228	2.46%	1.024%
6	2.215	265	272	286	rVB2	38027	57346	1.53%	0.637%
7	2.469	343	351	364	rVB2	24043	39877	1.06%	0.443%
8	2.581	372	386	400	rBV	91828	150393	4.01%	1.670%
9	4.662	1016	1033	1077	rBV2	64730	240536	6.42%	2.670%
10	5.083	1149	1164	1182	rBV	83792	192825	5.15%	2.141%
11	5.742	1349	1369	1388	rBV2	168386	438098	11.69%	4.864%
12	6.263	1517	1531	1551	rBV	179117	338108	9.02%	3.754%
13	6.703	1652	1668	1685	rBV2	109158	212864	5.68%	2.363%
14	7.575	1926	1939	1952	rBV2	54101	96257	2.57%	1.069%
15	7.906	2026	2042	2057	rBV	191231	331882	8.86%	3.684%
16	8.186	2118	2129	2146	rBV2	35714	60683	1.62%	0.674%
17	8.559	2230	2245	2260	rBV	2205803	3746914	100.00%	41.597%
18	8.642	2260	2271	2303	rVB	322090	623082	16.63%	6.917%
19	9.420	2496	2513	2543	rBV	260322	433685	11.57%	4.815%
20	10.755	2917	2928	2948	rVB2	86064	139207	3.72%	1.545%
21	11.809	3241	3256	3269	rBV	240598	386211	10.31%	4.288%
22	12.189	3361	3374	3388	rVB	210702	345147	9.21%	3.832%

Sum of corrected areas: 9007759

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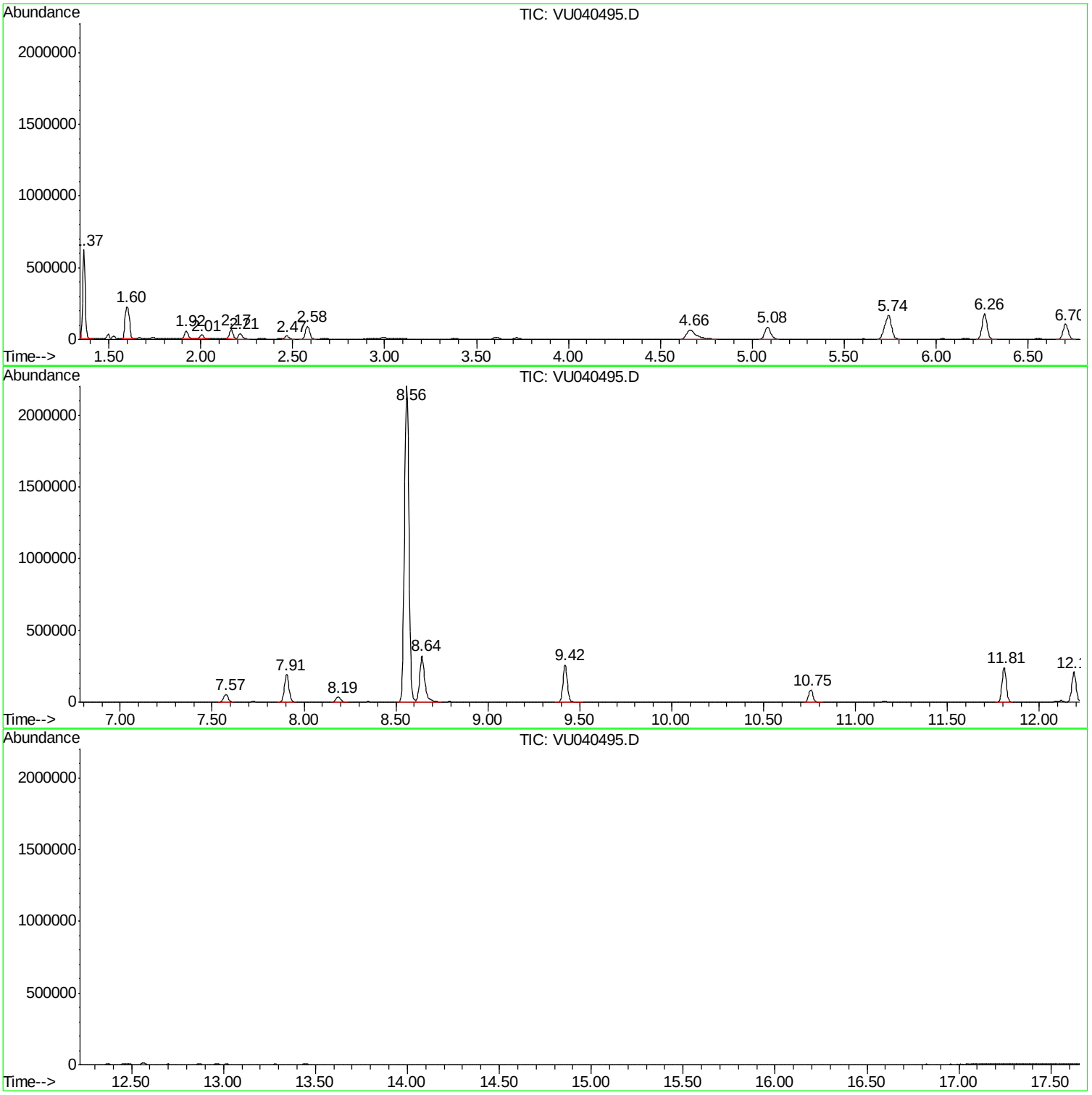
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSA1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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Data File : VU040495.D
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Operator : SY/MD
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Instrument : MSVOA_U
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Quant Title : TRACE VOA SOM01.0

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

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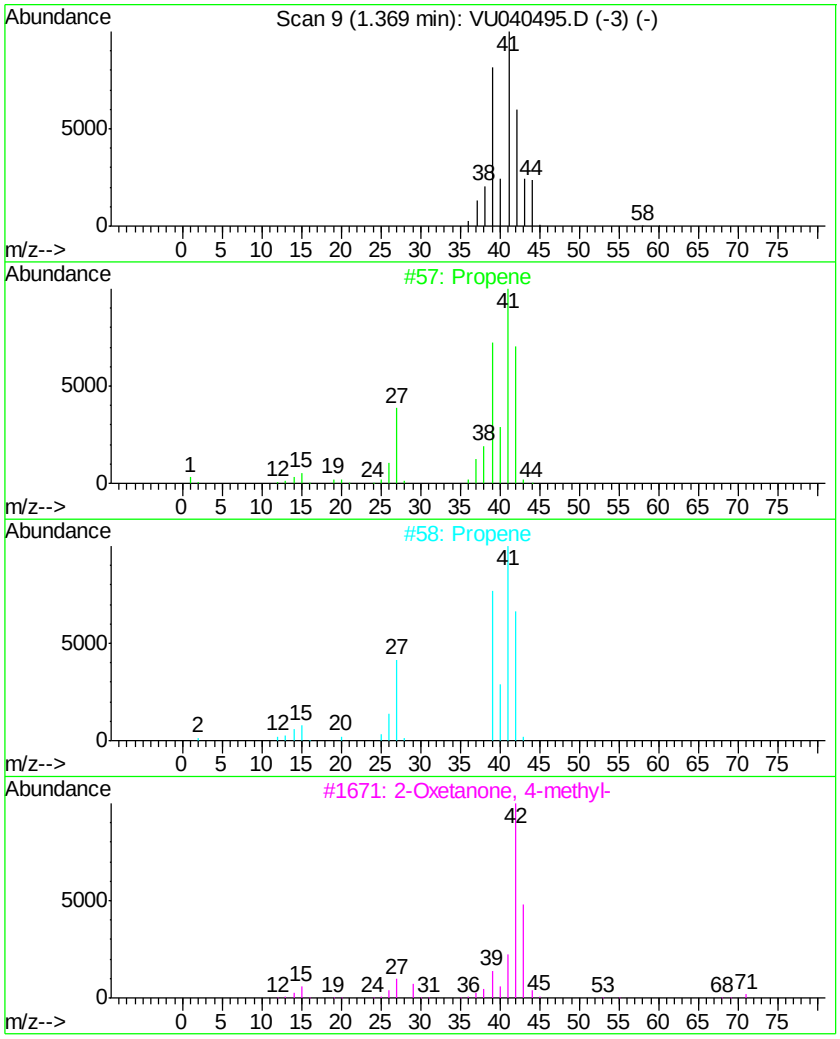
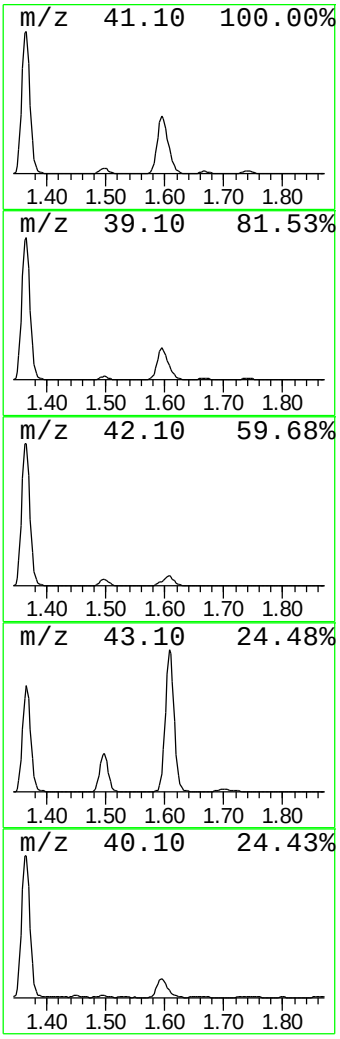
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	8.87 ug/L	599875	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	42
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Library Search Compound Report

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Data File : VU040495.D
Acq On : 03 Oct 2020 21:19
Operator : SY/MD
Sample : L4266-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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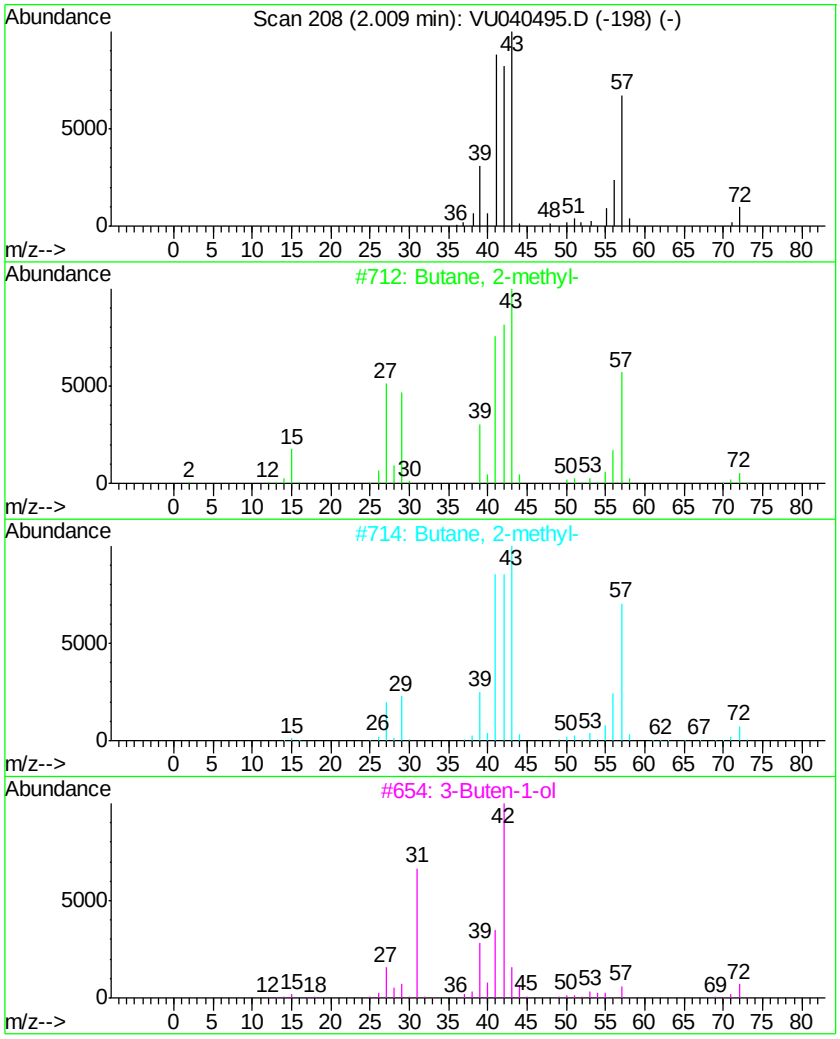
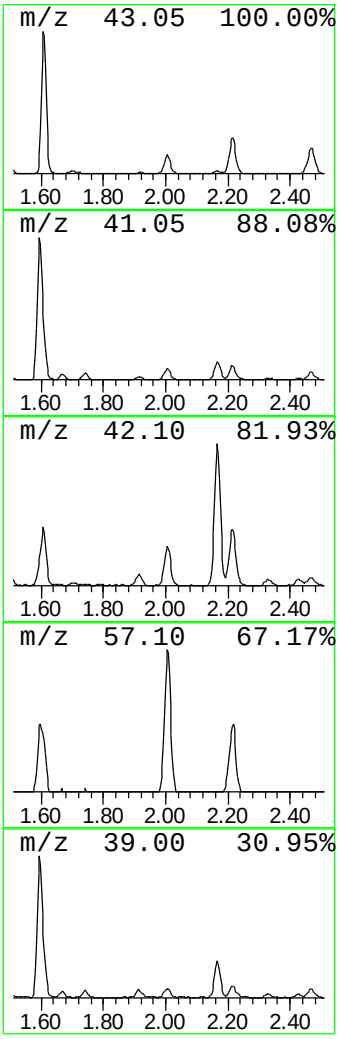
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	0.58 ug/L	39056	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Butane, 2-methyl-	72	C5H12	000078-78-4	59
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	Butane, 2-methyl-	72	C5H12	000078-78-4	43
5	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
Data File : VU040495.D
Acq On : 03 Oct 2020 21:19
Operator : SY/MD
Sample : L4266-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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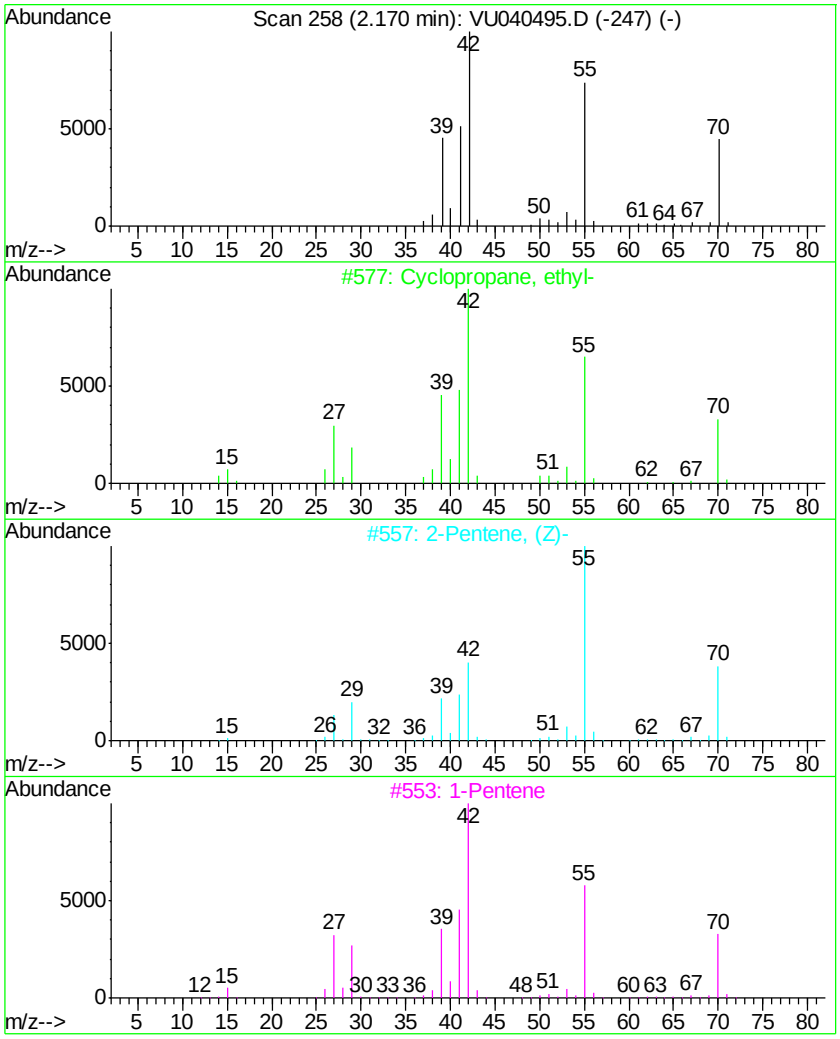
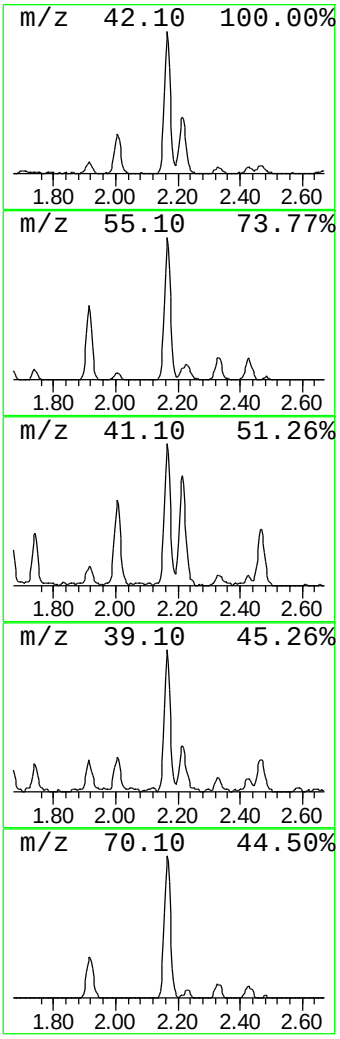
Peak Number 3 (DEL) Alkane: Cyclic2.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.36 ug/L	92228	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
3	1-Pentene	70	C5H10	000109-67-1	70
4	1-Pentene	70	C5H10	000109-67-1	68
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	64





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Sample : L4266-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

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

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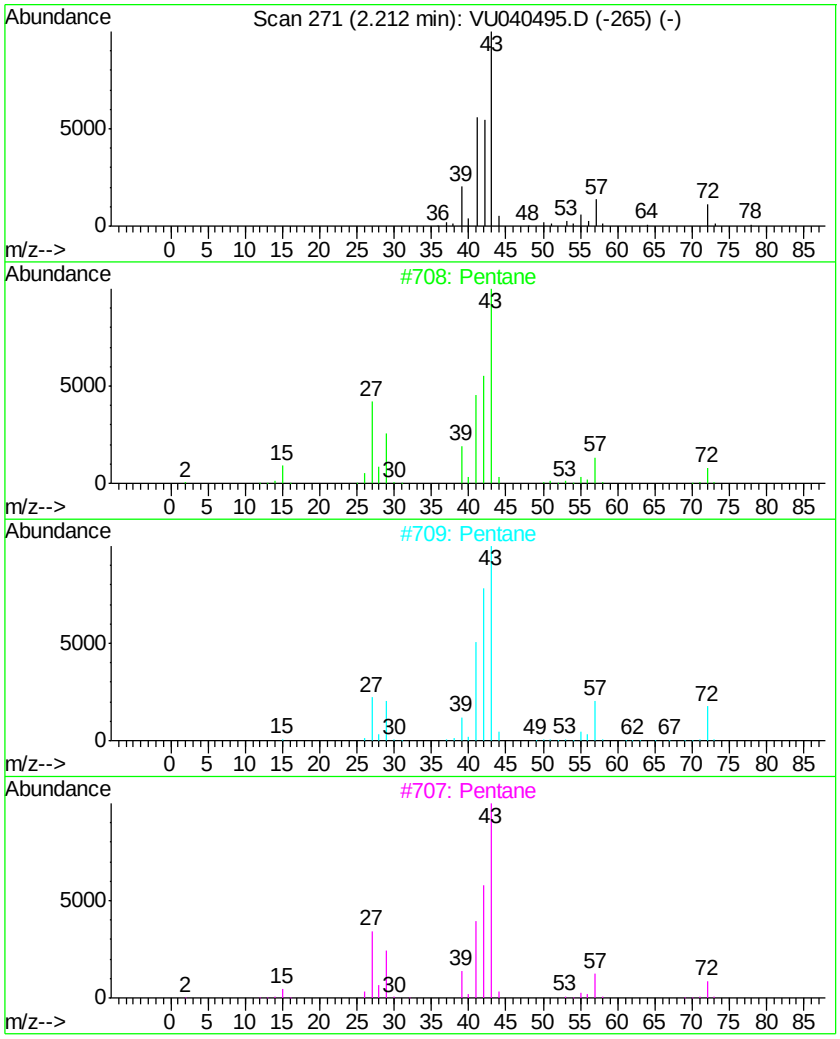
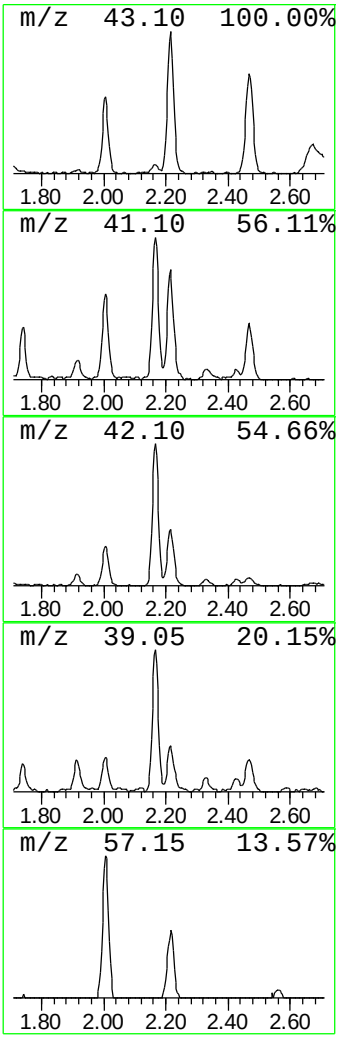
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	0.85 ug/L	57346	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	72
4	Pentane	72	C5H12	000109-66-0	64
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	42





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Sample : L4266-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSA1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0

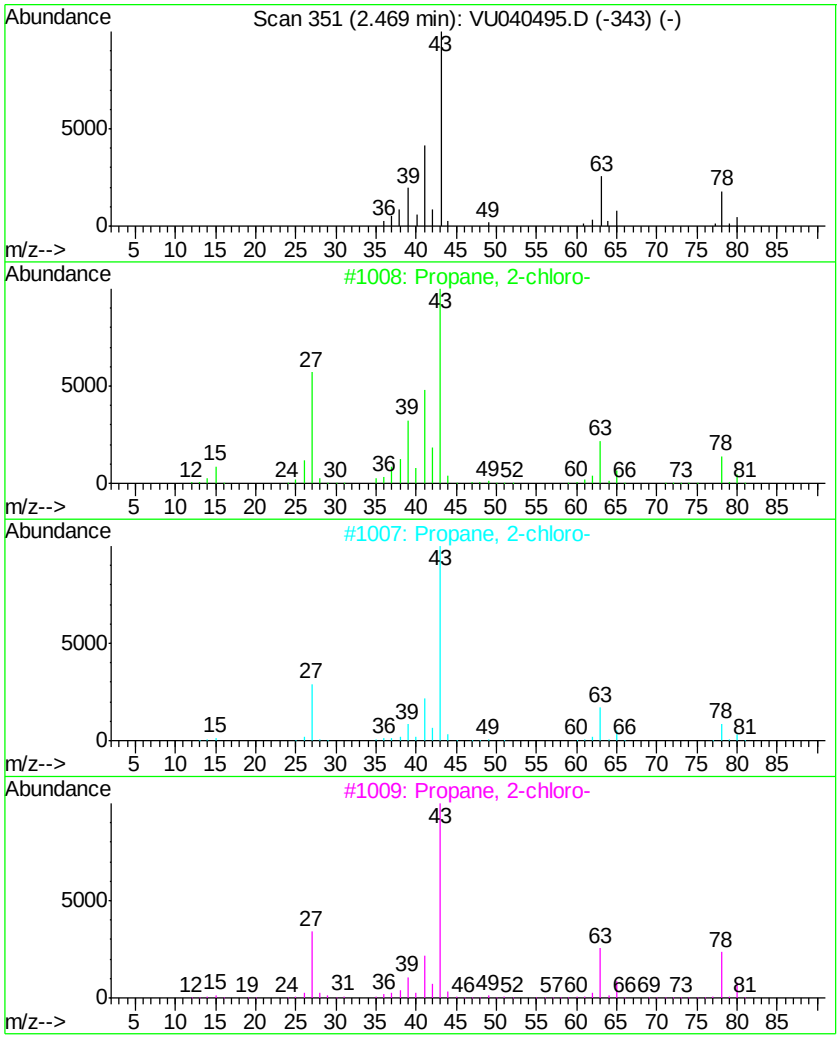
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

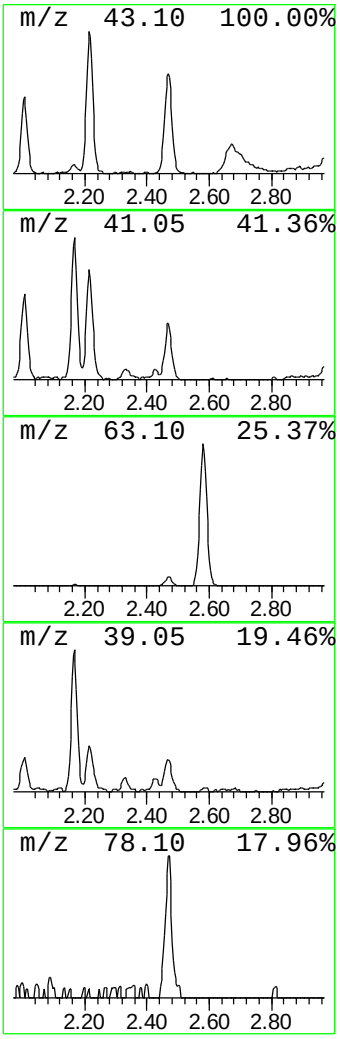
****

Peak Number 5 Propane, 2-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.47	0.59 ug/L	39877	1,4-Difluorobenzene	6.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	78
2	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	64
3	Propane, 2-chloro-	78	C3H7Cl	000075-29-6	50
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	4
5	(S)-(-)-2-Chloropropionic acid	108	C3H5ClO2	029617-66-1	4





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	8.9	ug/L	599875	1	6.26	338108	5.0
(DEL) Alkane: Str...	2.01	0.6	ug/L	39056	1	6.26	338108	5.0
(DEL) Alkane: Cyc...	2.17	1.4	ug/L	92228	1	6.26	338108	5.0
(DEL) Alkane: Str...	2.21	0.8	ug/L	57346	1	6.26	338108	5.0
Propane, 2-chloro-	2.47	0.6	ug/L	39877	1	6.26	338108	5.0