LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

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_V\METHOD\SOMVTR042220WMA.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	1.113	3	7	33	rVB	2221370	2065016	100.00%	26.415%
2	1.222	34	41	60	rBV	497556	448289	21.71%	5.734%
3	1.315	62	70	78	rBV2	680645	690535	33.44%	8.833%
4	1.357	78	83	100	rVV3	14468	39919	1.93%	0.511%
5	1.576	145	151	163	rVV	47418	56456	2.73%	0.722%
6	1.643	164	172	184	rVB	114593	146376	7.09%	1.872%
7	1.817	218	226	241	rVB	84934	111794	5.41%	1.430%
8	2.119	311	320	347	rVB	86540	141464	6.85%	1.810%
9	2.592	459	467	484	rVB	28072	51400	2.49%	0.657%
10	2.778	514	525	545	rVB4	15038	29012	1.40%	0.371%
11	3.788	823	839	860	rVB2	24709	63177	3.06%	0.808%
12	3.933	865	884	924	rBV3	124366	423457	20.51%	5.417%
13	4.376	1005	1022	1043	rBV	77013	193954	9.39%	2.481%
14	4.704	1107	1124	1140	rBV3	27760	68116	3.30%	0.871%
15	5.074	1221	1239	1264	rBV3	170734	436147	21.12%	5.579%
16	5.640	1402	1415	1442	rBV	164576	336669	16.30%	4.307%
17	6.093	1542	1556	1569	rBV	106406	224512	10.87%	2.872%
18	7.010	1830	1841	1856	rBV	46854	83745	4.06%	1.071%
19	7.338	1932	1943	1961	rBV	205201	350740	16.98%	4.487%
20	7.646	2028	2039	2063	rBV2	26295	50707	2.46%	0.649%
21	8.113	2171	2184	2217	rBV	253793	503489	24.38%	6.440%
22	8.875	2410	2421	2440	rBV	257419	420520	20.36%	5.379%
23	10.238	2832	2845	2863	rBV	76911	123131	5.96%	1.575%
24	11.270	3155	3166	3187	rBV	262379	408427	19.78%	5.224%
25	11.646	3272	3283	3300	rBV	223058	350593	16.98%	4.485%

Sum of corrected areas: 7817645

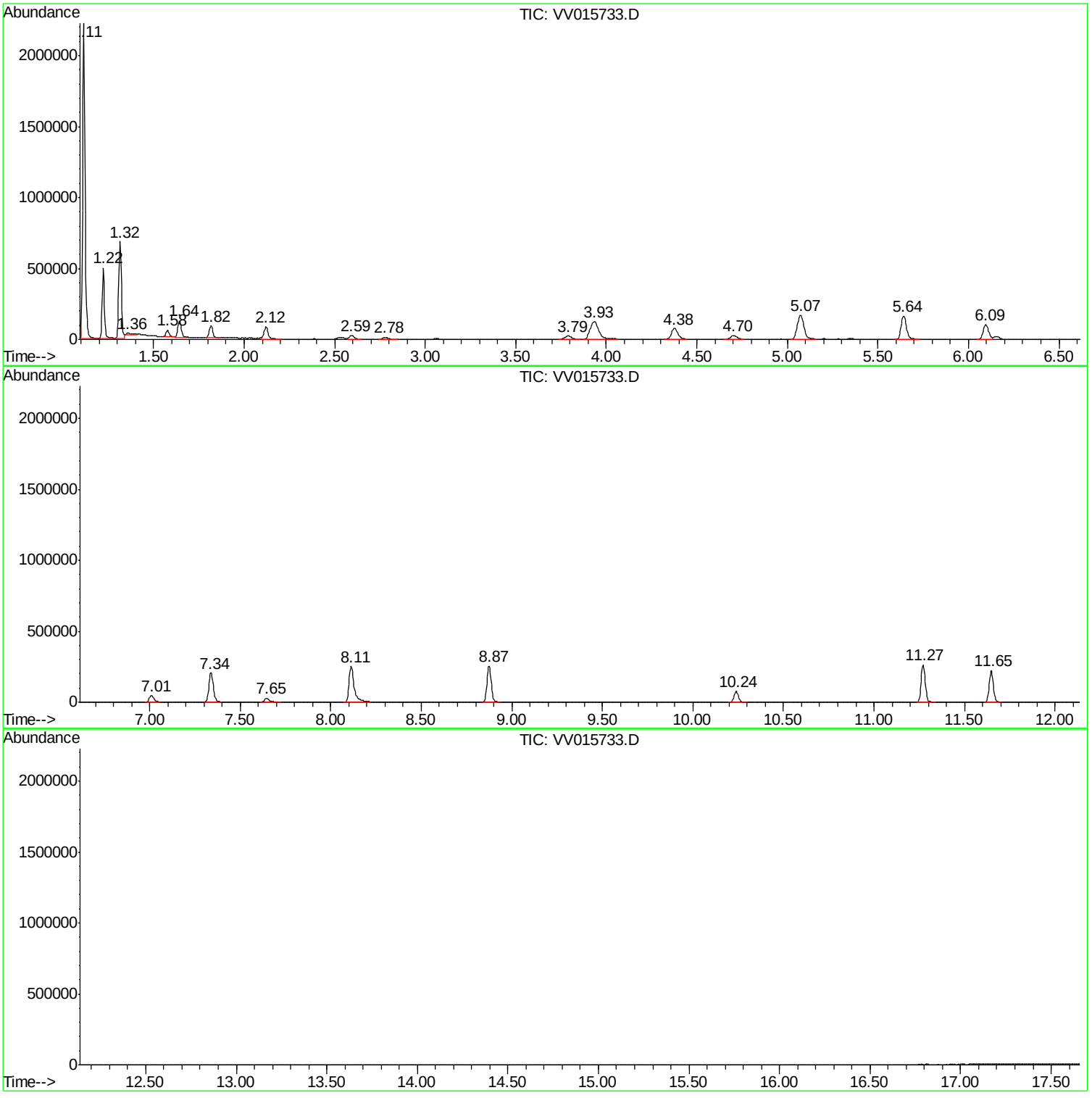
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.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_V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

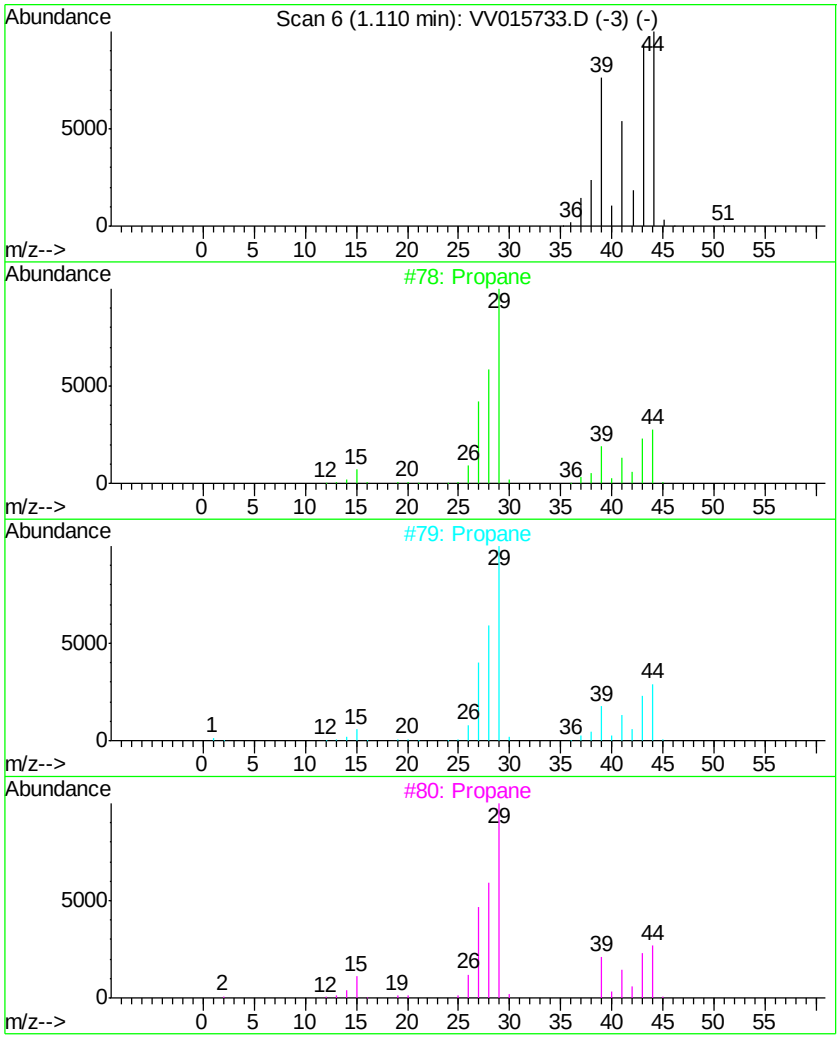
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

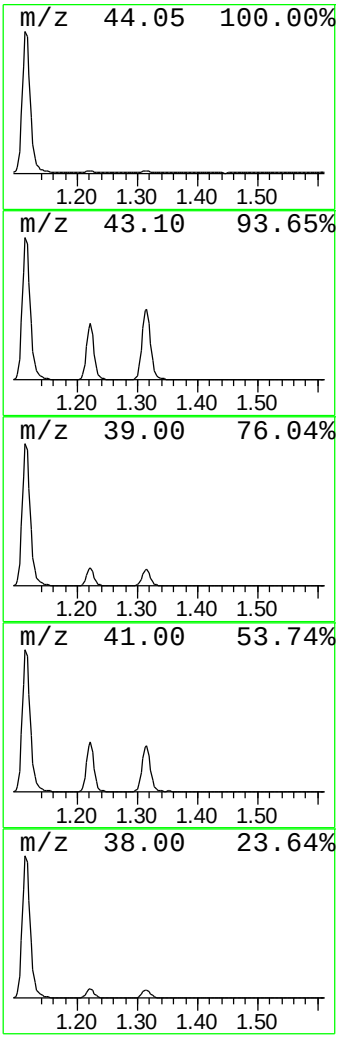
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	30.67 ug/L	2065020	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	83
2	Propane	44	C3H8	000074-98-6	56
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_V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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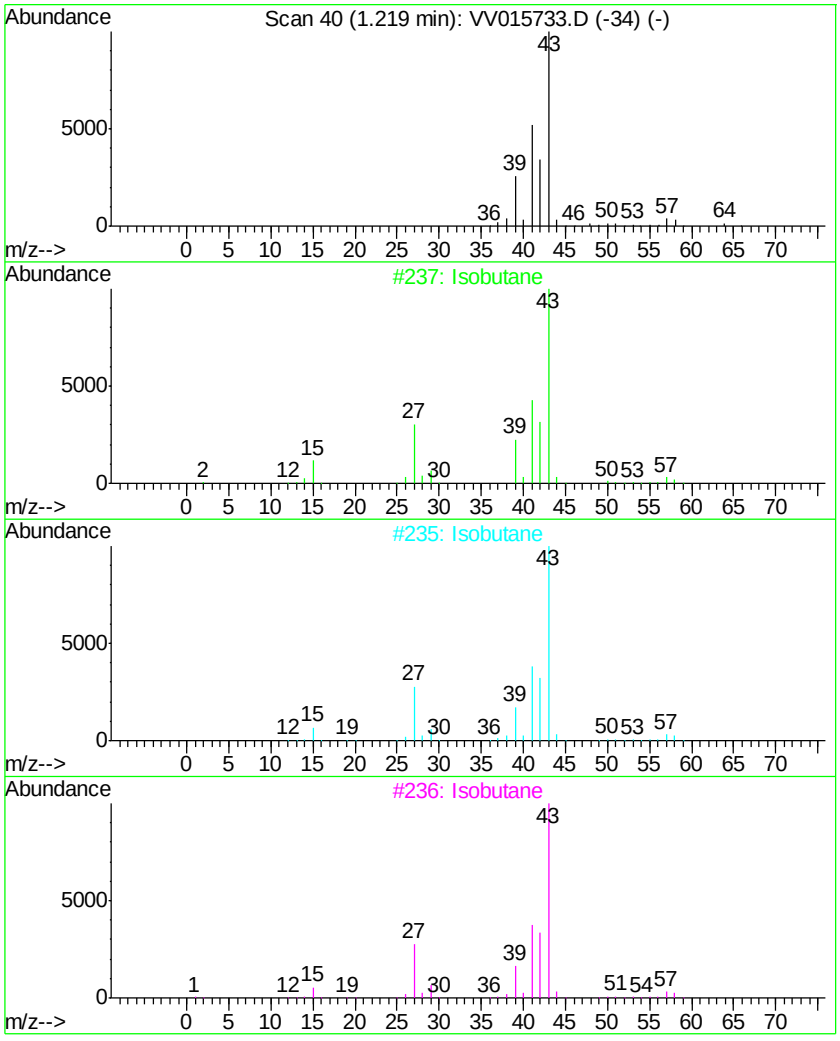
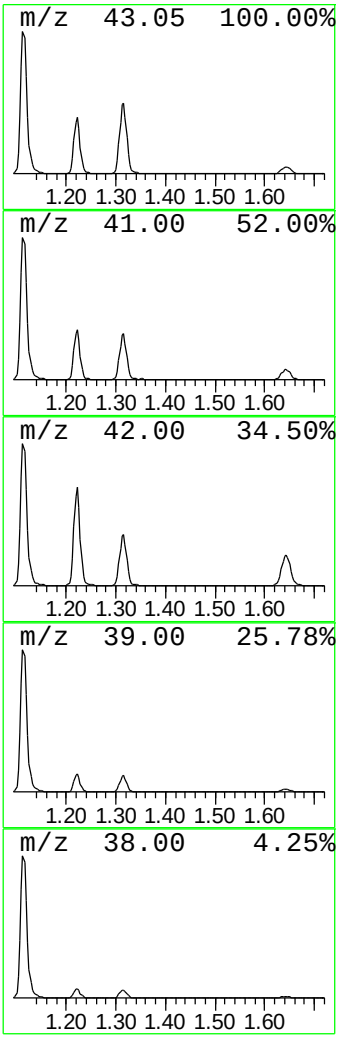
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	6.66 ug/L	448289	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	53
5	Propene	42	C3H6	000115-07-1	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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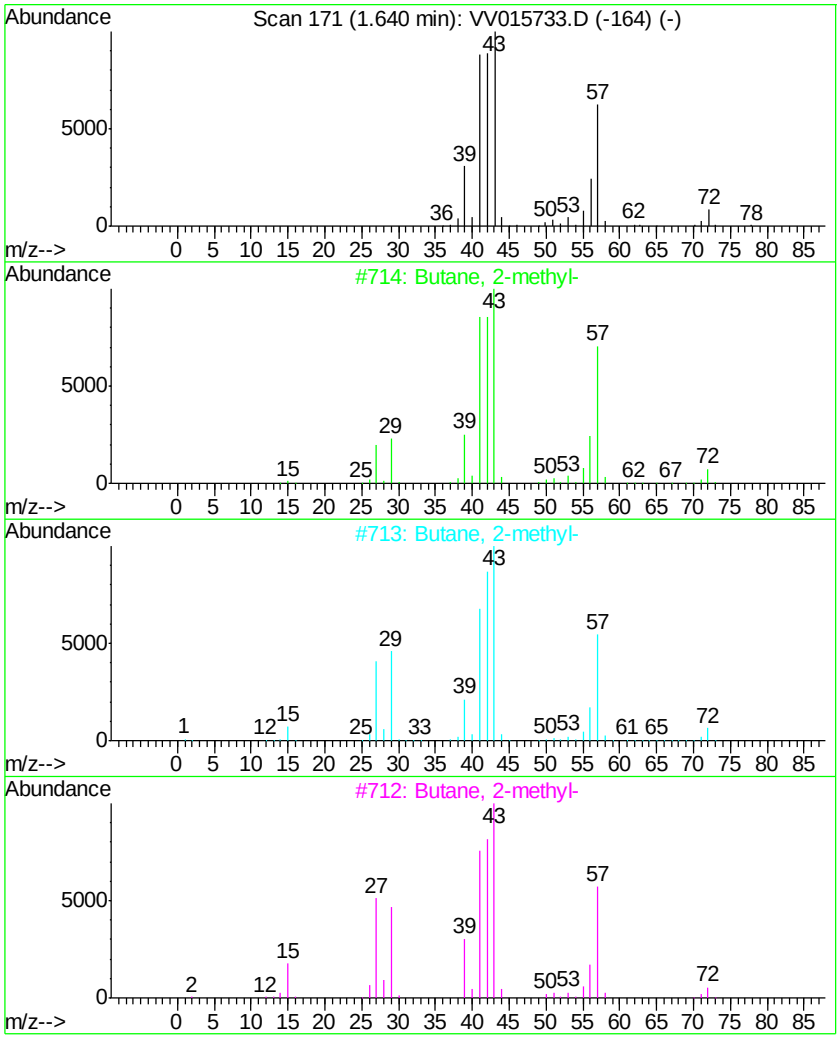
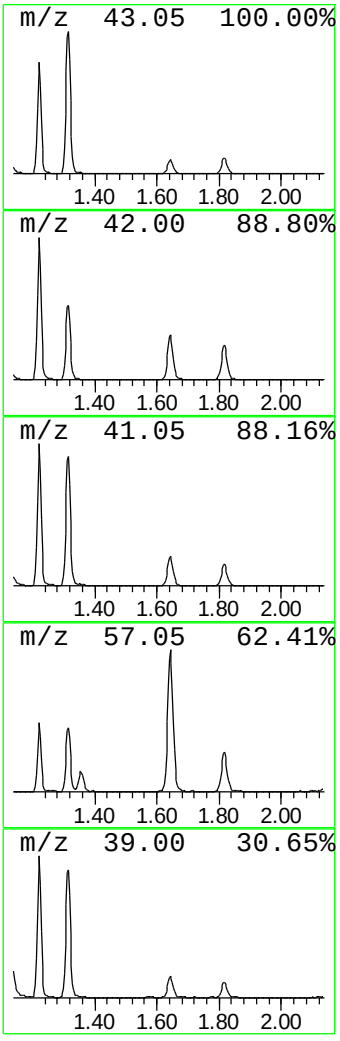
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	2.17 ug/L	146376	1,4-Difluorobenzene	5.64

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	80
4	Pentane	72	C5H12	000109-66-0	59
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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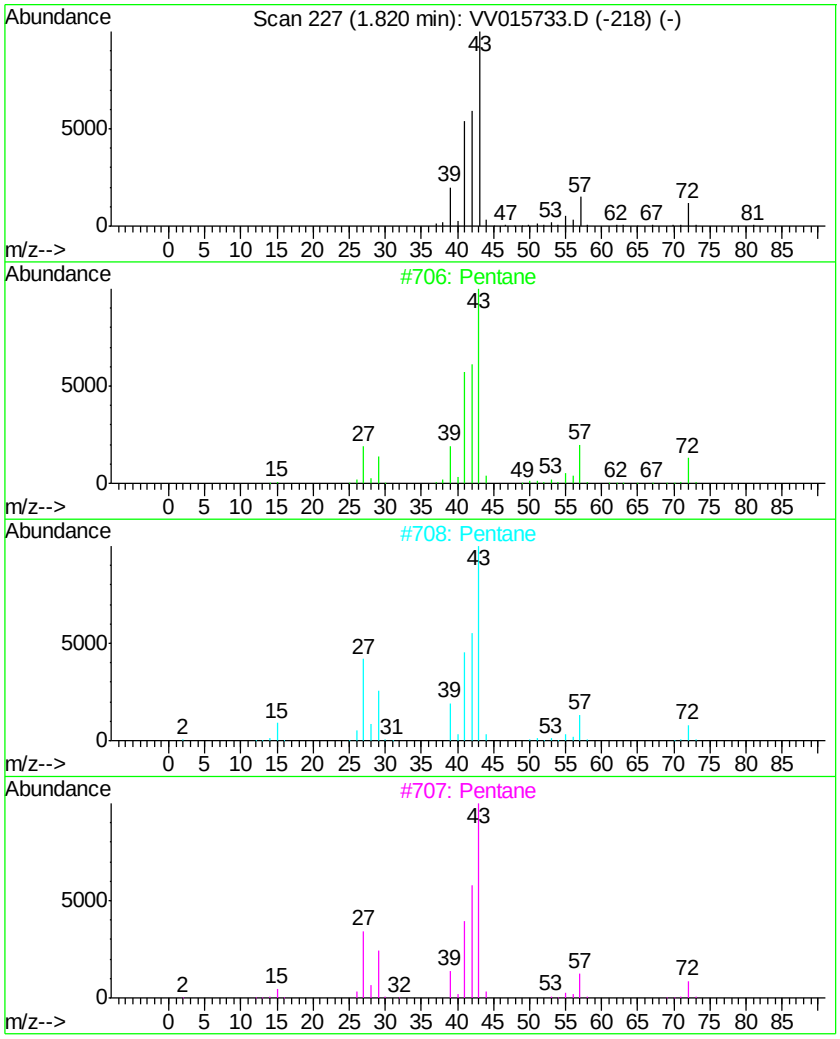
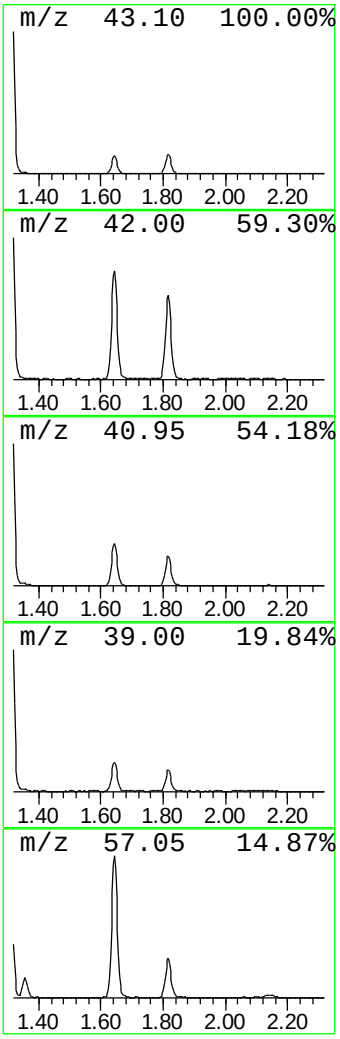
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	1.66 ug/L	111794	1,4-Difluorobenzene	5.64

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	78
5	Butane, 2-methyl-	72	C5H12	000078-78-4	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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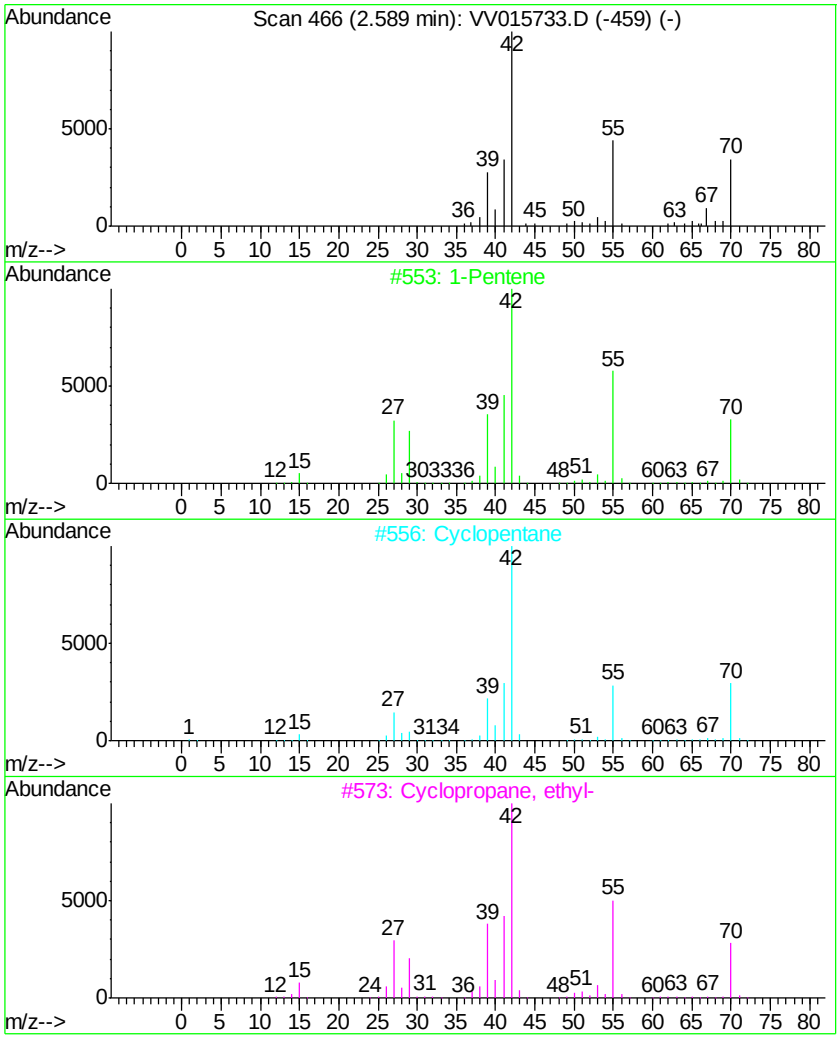
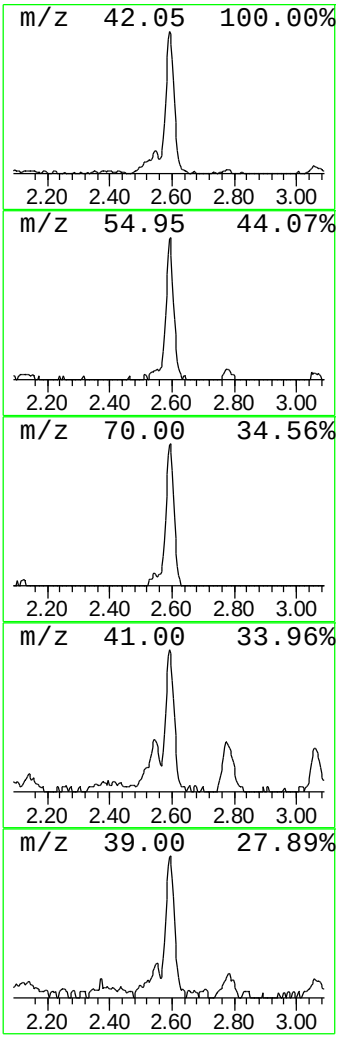
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	0.76 ug/L	51400	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	80
2	Cyclopentane	70	C5H10	000287-92-3	64
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	59
4	1-Pentene	70	C5H10	000109-67-1	45
5	Cyclobutanone	70	C4H6O	001191-95-3	9





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Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0

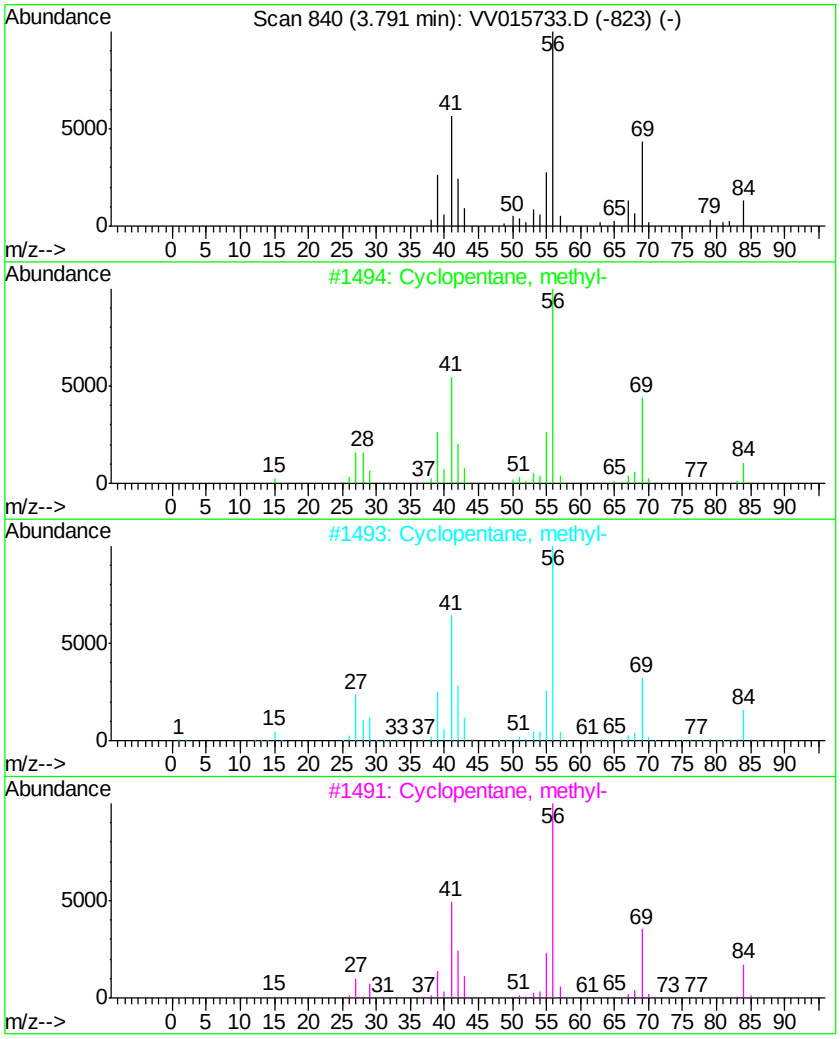
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

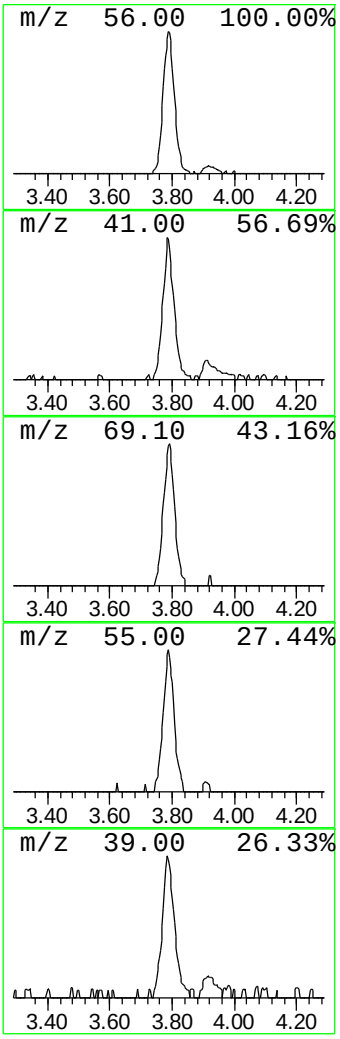
****

Peak Number 6 (DEL) Alkane: Cyclic3.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	0.94 ug/L	63177	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042720\
Data File : VV015733.D
Acq On : 27 Apr 2020 16:46
Operator : SY/MD
Sample : L2370-21DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETKP2DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.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...	1.11	30.7	ug/L	2065020	1	5.64	336669	5.0
(DEL) Alkane: Str...	1.22	6.7	ug/L	448289	1	5.64	336669	5.0
(DEL) Alkane: Str...	1.64	2.2	ug/L	146376	1	5.64	336669	5.0
(DEL) Alkane: Str...	1.82	1.7	ug/L	111794	1	5.64	336669	5.0
(DEL) Alkane: Str...	2.59	0.8	ug/L	51400	1	5.64	336669	5.0
(DEL) Alkane: Cyc...	3.79	0.9	ug/L	63177	1	5.64	336669	5.0