LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
Data File : VV014078.D
Acq On : 16 Dec 2019 17:35
Operator : SY/MD
Sample : K6275-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDT5

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\SOMVTR112219WMA.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	1.116	3	8	26	rVB	2694076	2416495	23.83%	8.906%
2	1.229	36	43	49	rVB	219120	201703	1.99%	0.743%
3	1.319	61	71	79	rBV2	1035761	1491662	14.71%	5.497%
4	1.582	140	153	165	rVB2	190608	269957	2.66%	0.995%
5	1.650	166	174	183	rVB	176448	211082	2.08%	0.778%
6	1.785	205	216	222	rBV2	254135	333369	3.29%	1.229%
7	1.824	222	228	243	rVB	217925	297956	2.94%	1.098%
8	2.132	314	324	336	rBV2	262629	397615	3.92%	1.465%
9	2.795	510	530	542	rBV3	63333	130790	1.29%	0.482%
10	2.987	578	590	604	rVV3	57632	116161	1.15%	0.428%
11	3.074	604	617	633	rVB2	50632	103623	1.02%	0.382%
12	3.958	869	892	926	rBV2	714971	2145636	21.16%	7.908%
13	4.396	1011	1028	1051	rBV	208572	529903	5.23%	1.953%
14	5.093	1226	1245	1276	rBV2	420758	1095579	10.81%	4.038%
15	5.659	1408	1421	1444	rBV	477650	968075	9.55%	3.568%
16	5.955	1496	1513	1547	rBV	5310968	10139026	100.00%	37.367%
17	6.113	1550	1562	1579	rVV	261911	526969	5.20%	1.942%
18	7.029	1835	1847	1868	rBV2	114585	213837	2.11%	0.788%
19	7.357	1937	1949	1965	rBV	416188	743960	7.34%	2.742%
20	7.663	2034	2044	2060	rBV	68098	122124	1.20%	0.450%
21	8.129	2178	2189	2221	rBV	641018	1353135	13.35%	4.987%
22	8.891	2413	2426	2446	rBV	702112	1162048	11.46%	4.283%
23	10.257	2838	2851	2869	rBV	234199	382245	3.77%	1.409%
24	11.289	3160	3172	3188	rBV	648880	1009964	9.96%	3.722%
25	11.666	3276	3289	3303	rBV	476223	770708	7.60%	2.840%

Sum of corrected areas: 27133622

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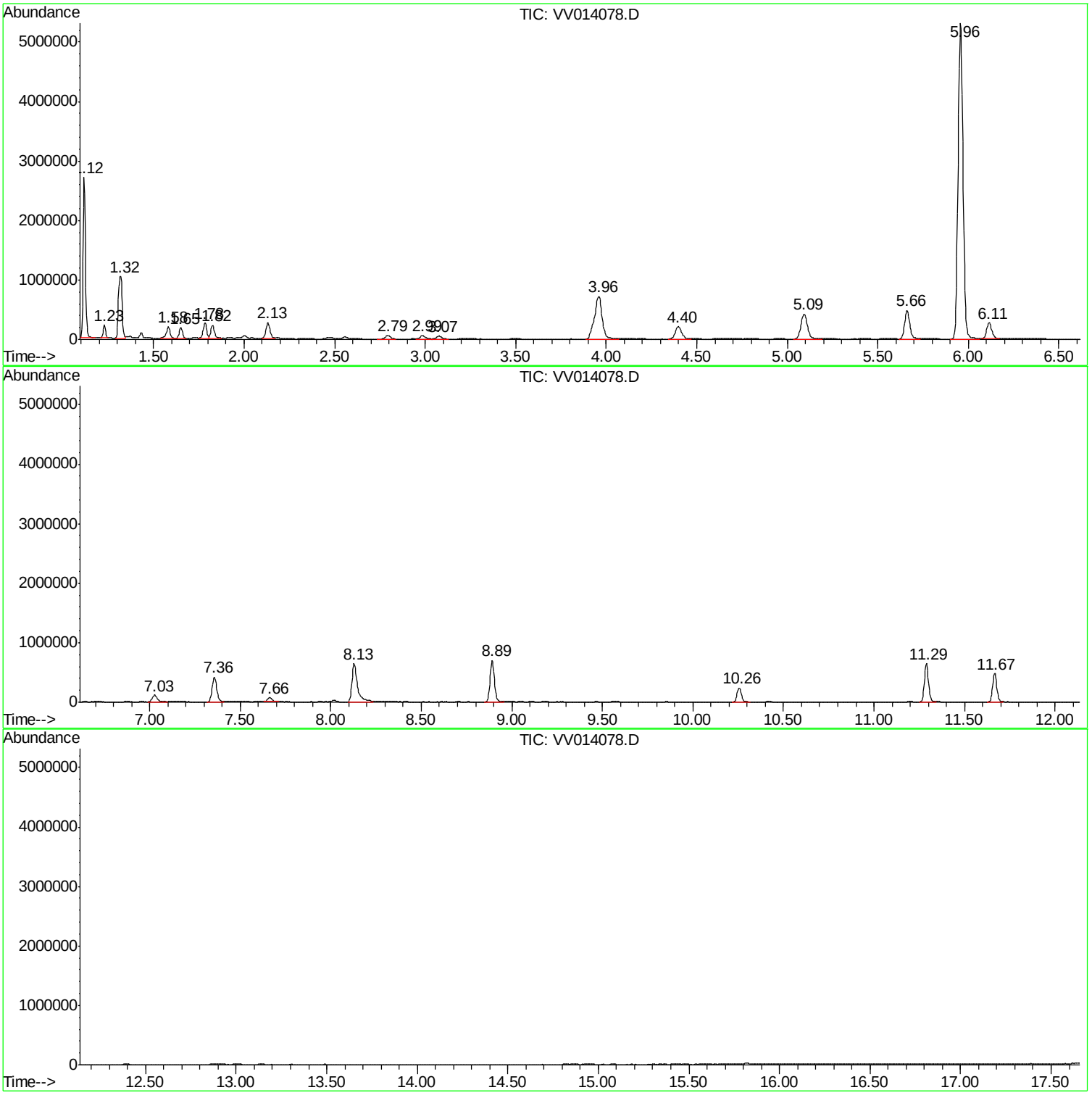
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDT5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.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\VV121619\
Data File : VV014078.D
Acq On : 16 Dec 2019 17:35
Operator : SY/MD
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Instrument : MSVOA_V
ClientSampleId : BFDT5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

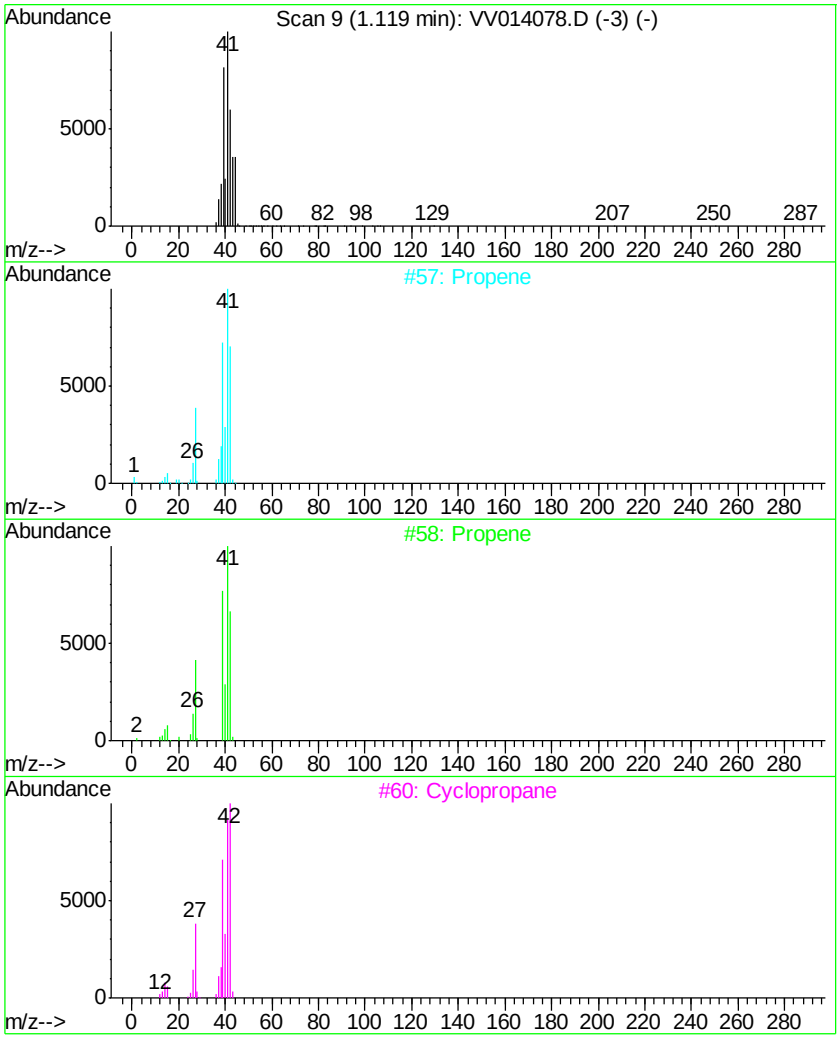
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

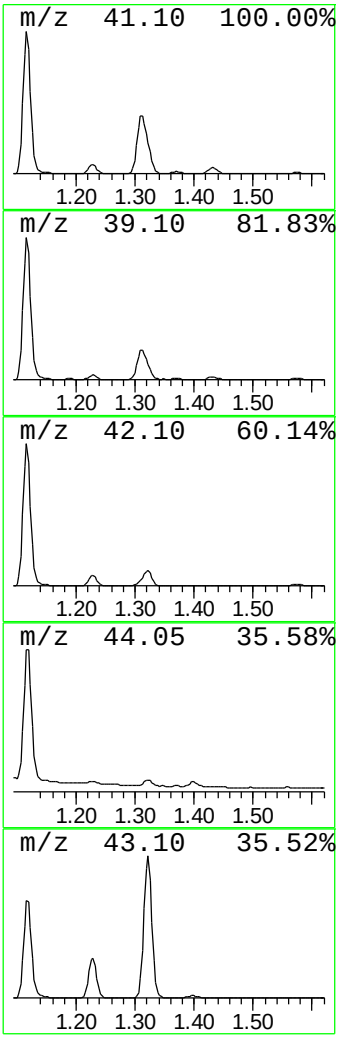
****

Peak Number 1 (DEL) Alkane: Cyclic1.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	12.48 ug/L	2416500	1,4-Difluorobenzene	5.66

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	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_V\DATA\VV121619\
Data File : VV014078.D
Acq On : 16 Dec 2019 17:35
Operator : SY/MD
Sample : K6275-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDT5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

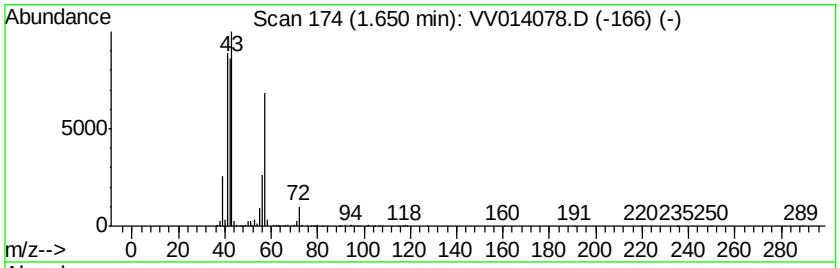
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

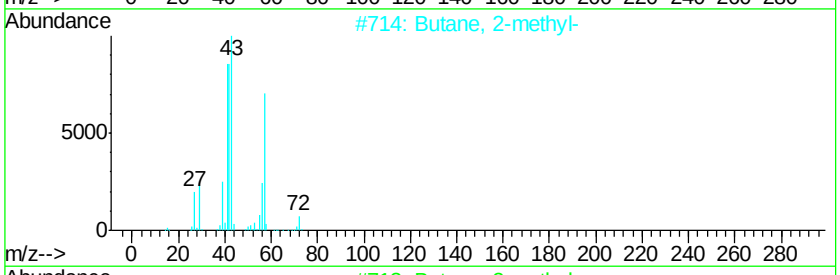
****

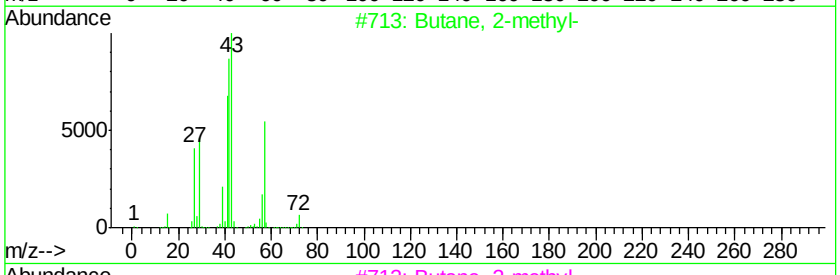
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

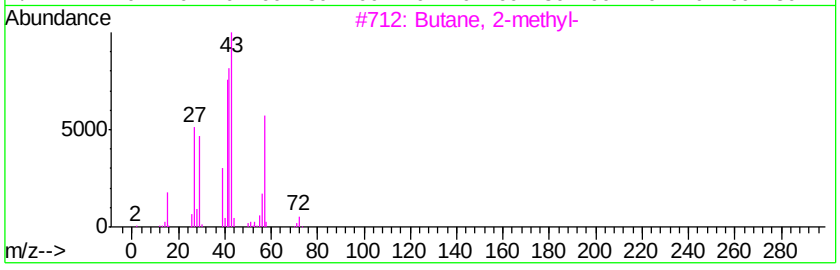
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	1.09 ug/L	211082	1,4-Difluorobenzene	5.66

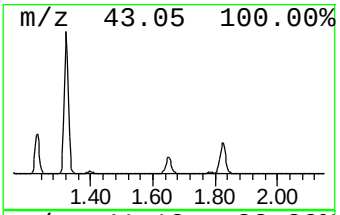
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	83
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	3-Buten-1-ol	72	C4H8O	000627-27-0	43
5	Pentane	72	C5H12	000109-66-0	43

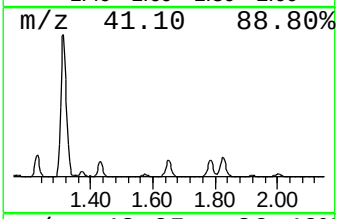


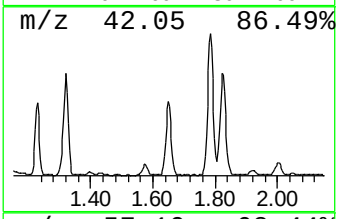


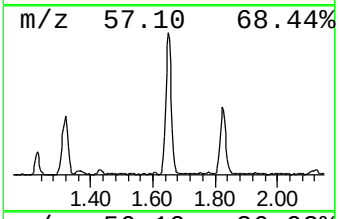


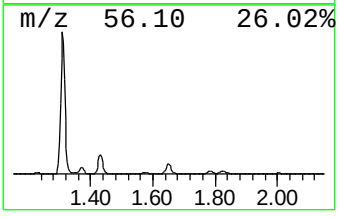












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Data File : VV014078.D
Acq On : 16 Dec 2019 17:35
Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDT5

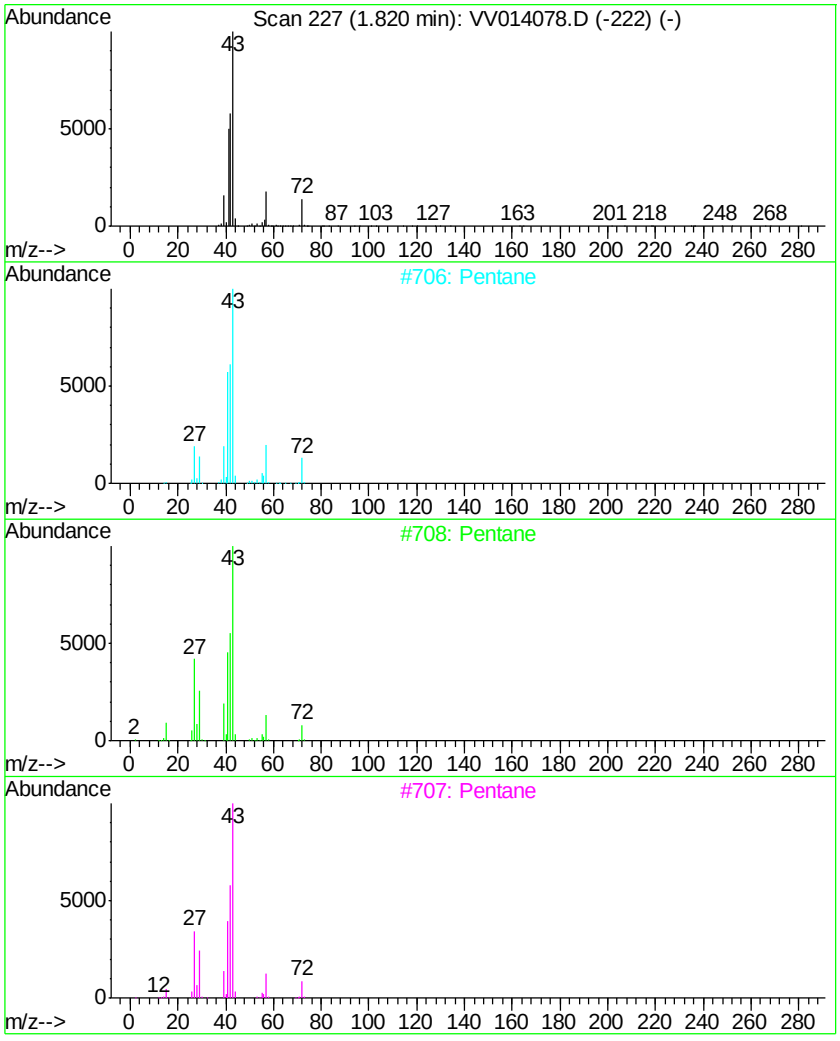
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

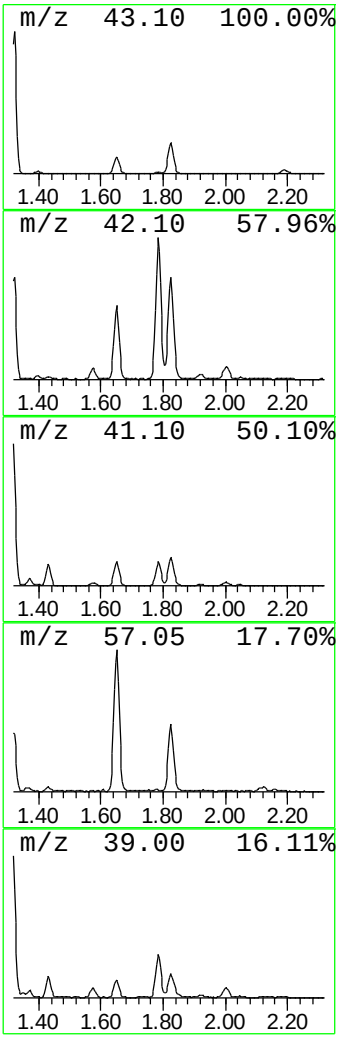
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	1.54 ug/L	297956	1,4-Difluorobenzene	5.66

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	80
4	Pentane	72	C5H12	000109-66-0	64
5	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	38





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Operator : SY/MD
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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDT5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

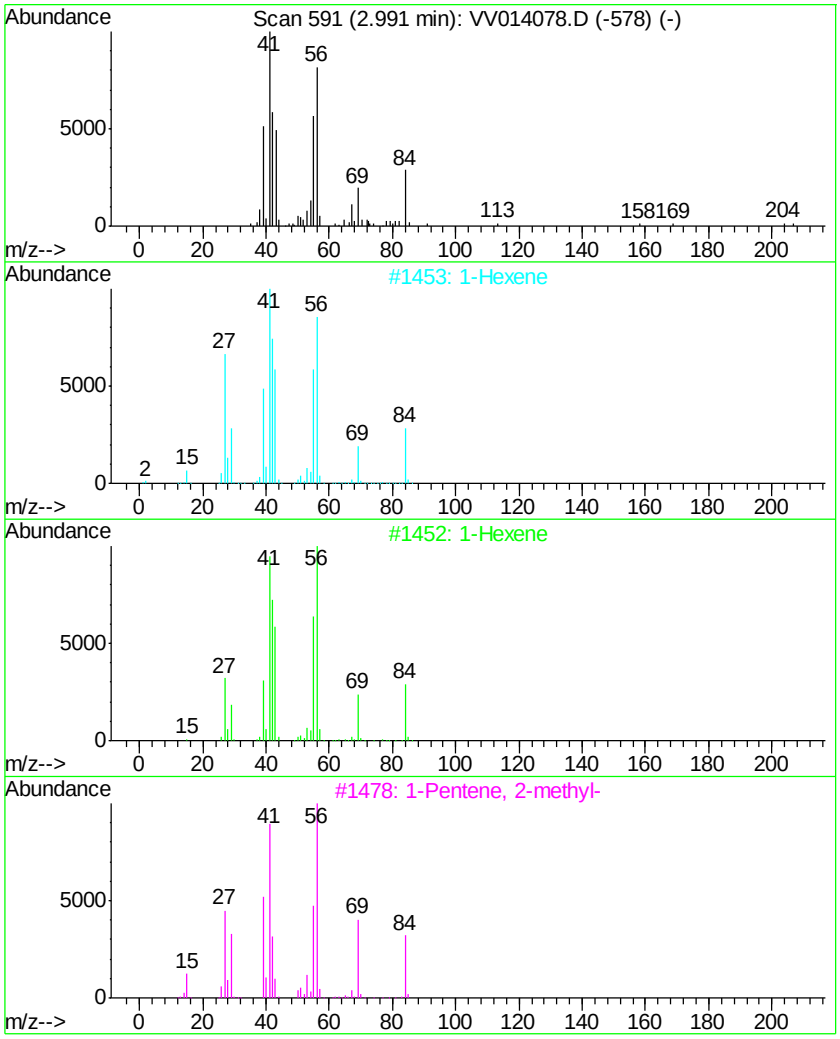
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

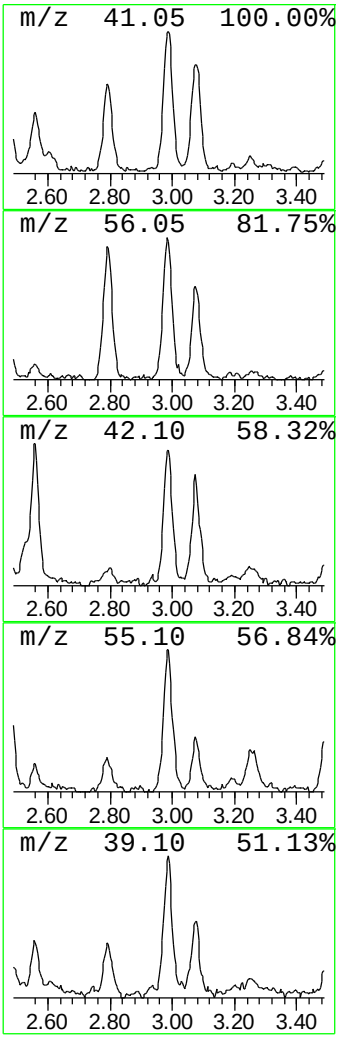
****

Peak Number 4 (DEL) Alkane: Cyclic2.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	0.60 ug/L	116161	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	93
2	1-Hexene	84	C6H12	000592-41-6	76
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	58
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	53





Library Search Compound Report

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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDT5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0

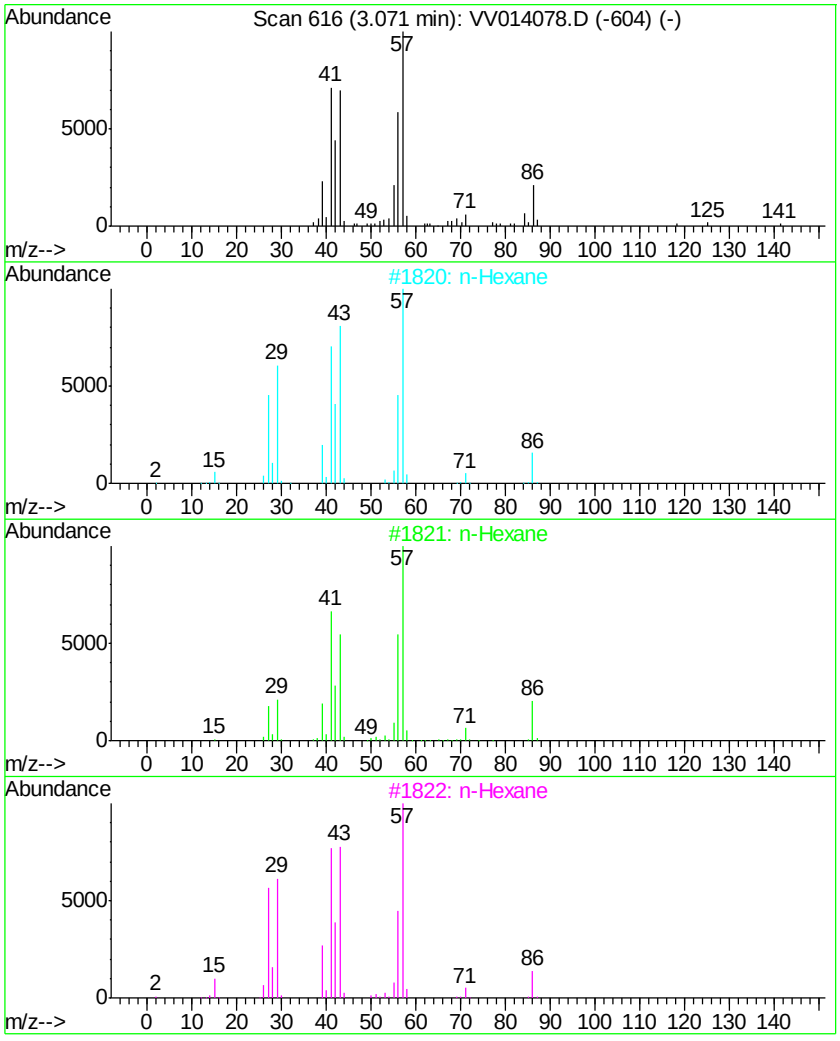
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

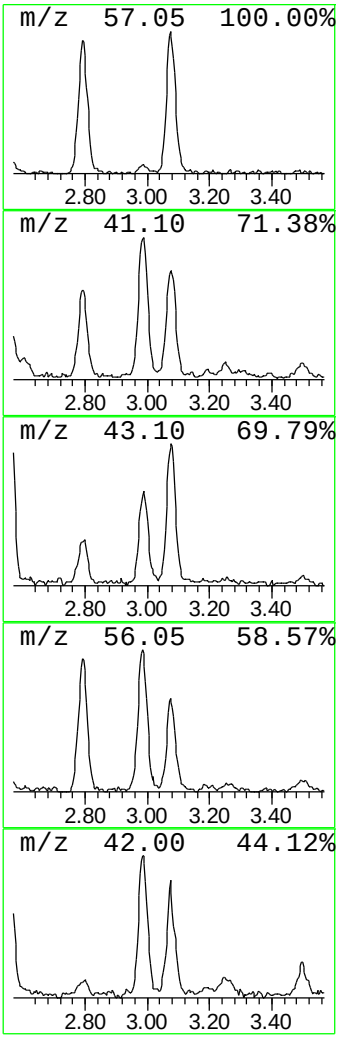
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	0.54 ug/L	103623	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	n-Hexane	86	C6H14	000110-54-3	58
3	n-Hexane	86	C6H14	000110-54-3	47
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	38
5	2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	38





Tentatively Identified Compound (LSC) summary

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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : BFDT5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.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: Cyc...	1.12	12.5	ug/L	2416500	1	5.66	968075	5.0
(DEL) Alkane: Str...	1.65	1.1	ug/L	211082	1	5.66	968075	5.0
(DEL) Alkane: Str...	1.82	1.5	ug/L	297956	1	5.66	968075	5.0
(DEL) Alkane: Cyc...	2.99	0.6	ug/L	116161	1	5.66	968075	5.0
(DEL) Alkane: Str...	3.07	0.5	ug/L	103623	1	5.66	968075	5.0