LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

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\SOMVTR111718WMA.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	1.119	3	9	25	rVB	100071	92771	100.00%	18.524%
2	1.228	39	43	53	rVB	19178	18090	19.50%	3.612%
3	1.312	62	69	81	rVB2	60775	82034	88.43%	16.380%
4	1.370	84	87	93	rVB4	2751	2415	2.60%	0.482%
5	1.434	102	107	111	rVB2	6784	6700	7.22%	1.338%
6	1.521	129	134	137	rBV2	1273	1269	1.37%	0.253%
7	1.576	145	151	158	rBV3	6689	8365	9.02%	1.670%
8	1.653	168	175	183	rVB2	10756	13253	14.29%	2.646%
9	1.708	188	192	196	rBV5	1296	1124	1.21%	0.224%
10	1.788	209	217	223	rBV2	15961	20229	21.81%	4.039%
11	1.833	223	231	242	rVB3	12651	23748	25.60%	4.742%
12	1.926	255	260	271	rVB5	2924	3724	4.01%	0.744%
13	2.010	278	286	293	rBV3	4012	5454	5.88%	1.089%
14	2.138	319	326	333	rVB4	4165	5212	5.62%	1.041%
15	2.482	418	433	442	rBV10	4373	10698	11.53%	2.136%
16	2.724	504	508	512	rBV3	1123	1131	1.22%	0.226%
17	2.810	522	535	553	rBV2	19358	46058	49.65%	9.197%
18	2.981	577	588	601	rVB6	6112	14793	15.95%	2.954%
19	3.074	609	617	625	rBV7	2151	4009	4.32%	0.801%
20	3.241	667	669	677	rVB6	1596	1788	1.93%	0.357%
21	3.498	744	749	756	rVB4	1503	1893	2.04%	0.378%
22	3.971	882	896	909	rBV3	7318	18288	19.71%	3.652%
23	4.405	1020	1031	1033	rBV4	3504	4570	4.93%	0.913%
24	4.958	1200	1203	1212	rVB6	1032	1345	1.45%	0.269%
25	5.103	1236	1248	1259	rBV6	5466	11199	12.07%	2.236%
26	5.363	1321	1329	1333	rBV5	848	1164	1.25%	0.232%
27	5.424	1339	1348	1349	rBV5	1232	1440	1.55%	0.288%
28	5.675	1412	1426	1432	rBV2	4386	7778	8.38%	1.553%
29	5.968	1510	1517	1523	rBV5	830	1118	1.21%	0.223%
30	6.129	1556	1567	1575	rVB3	2635	4741	5.11%	0.947%
31	6.711	1742	1748	1753	rBV4	963	1180	1.27%	0.236%
32	7.035	1842	1849	1855	rBV5	1304	1968	2.12%	0.393%
33	7.283	1916	1926	1941	rVB2	5530	10421	11.23%	2.081%
34	7.360	1941	1950	1964	rVB4	5376	10535	11.36%	2.104%

LSC Area Percent Report

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Data File : VV008695.D
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Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

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\SOMVTR111718WMA.M
Title : TRACE VOA SOM01.0

35	7.437	1964	1974	1984	rBV2	3114	5104	5.50%	1.019%
36	8.141	2186	2193	2201	rBV3	3253	4774	5.15%	0.953%
37	8.450	2281	2289	2296	rVB8	1720	2749	2.96%	0.549%
38	8.900	2421	2429	2444	rVB3	5832	10154	10.95%	2.028%
39	9.061	2472	2479	2488	rVB3	2819	3780	4.07%	0.755%
40	9.183	2508	2517	2528	rBV4	2119	3460	3.73%	0.691%
41	9.591	2636	2644	2659	rBV2	3977	5958	6.42%	1.190%
42	10.264	2844	2853	2861	rBV4	1549	2461	2.65%	0.491%
43	10.961	3066	3070	3082	rVB4	1615	2233	2.41%	0.446%
44	11.186	3135	3140	3149	rBV4	949	1304	1.41%	0.260%
45	11.302	3169	3176	3188	rBV5	3855	6971	7.51%	1.392%
46	11.579	3254	3262	3270	rBV3	2833	4446	4.79%	0.888%
47	11.685	3285	3295	3305	rVB5	3164	5630	6.07%	1.124%
48	15.877	4591	4599	4604	rBV6	752	1280	1.38%	0.256%

Sum of corrected areas: 500809

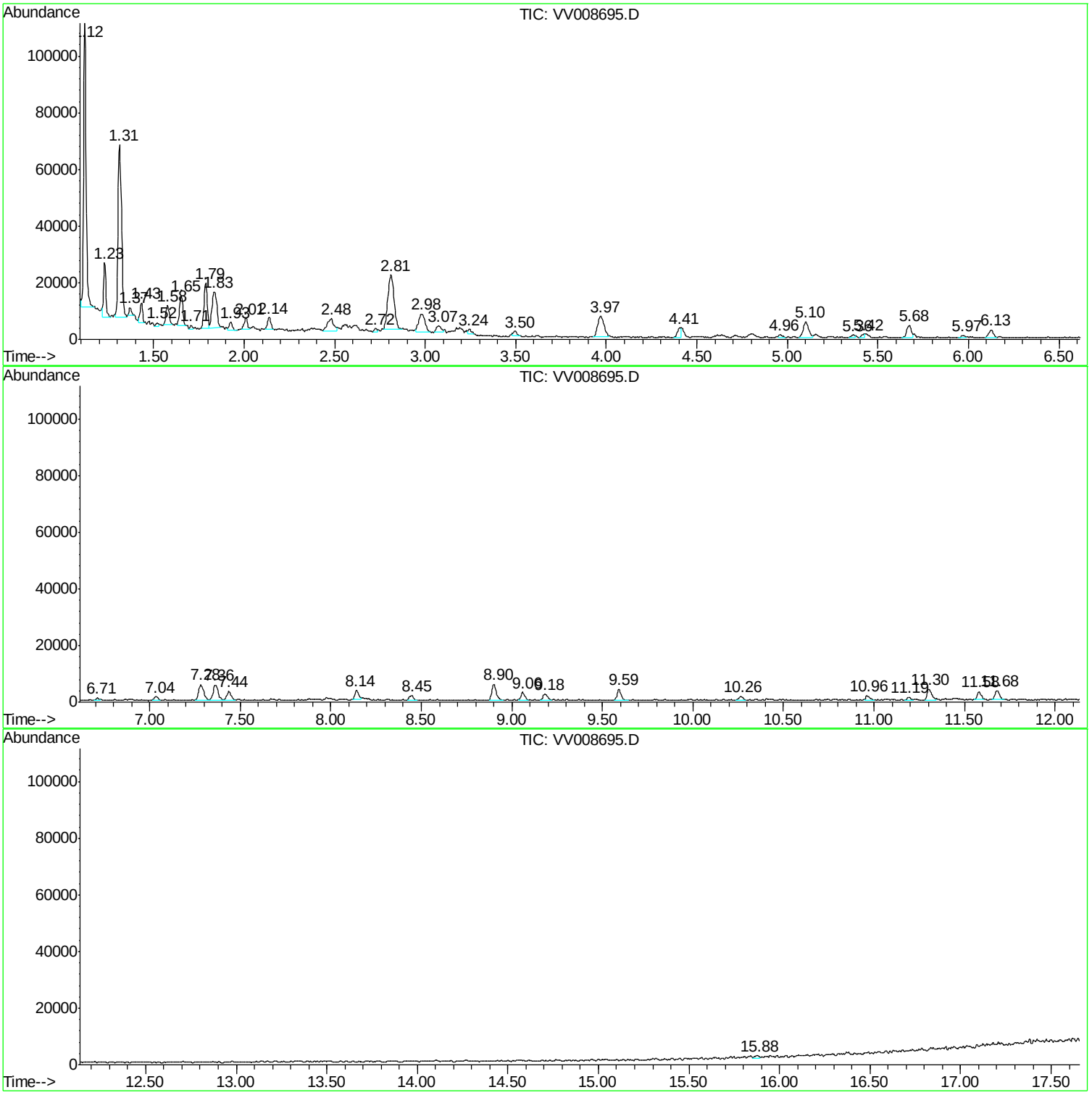
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.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\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

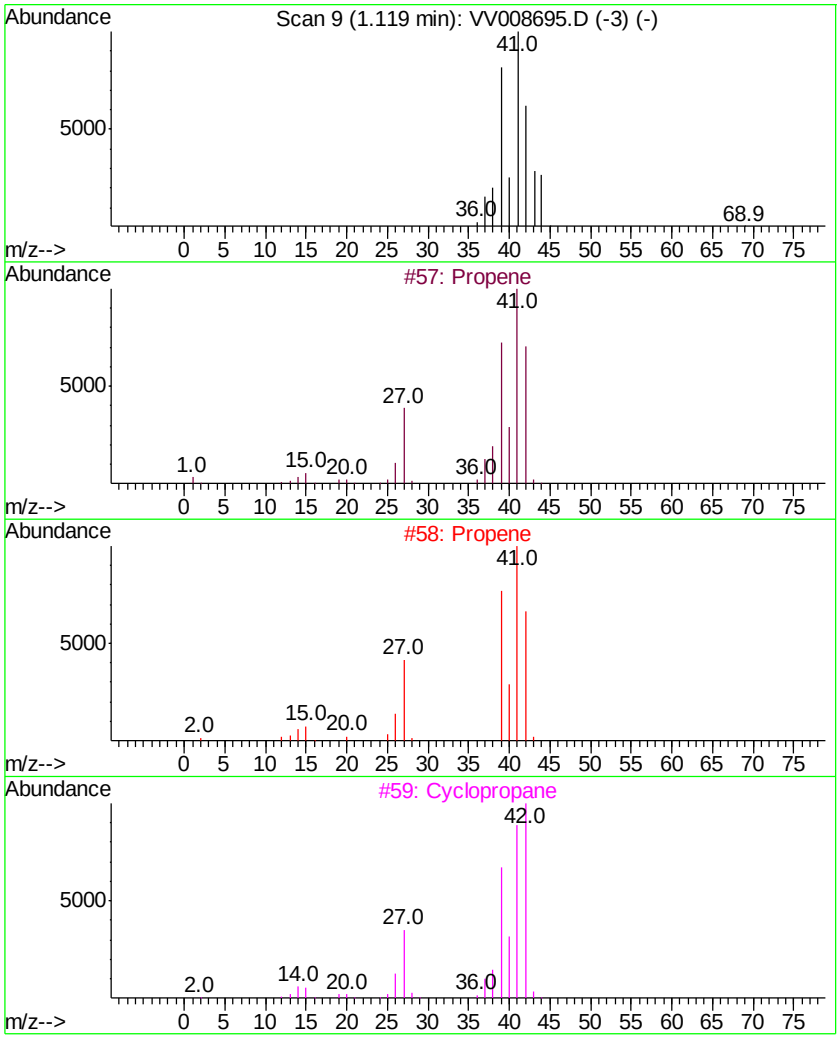
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

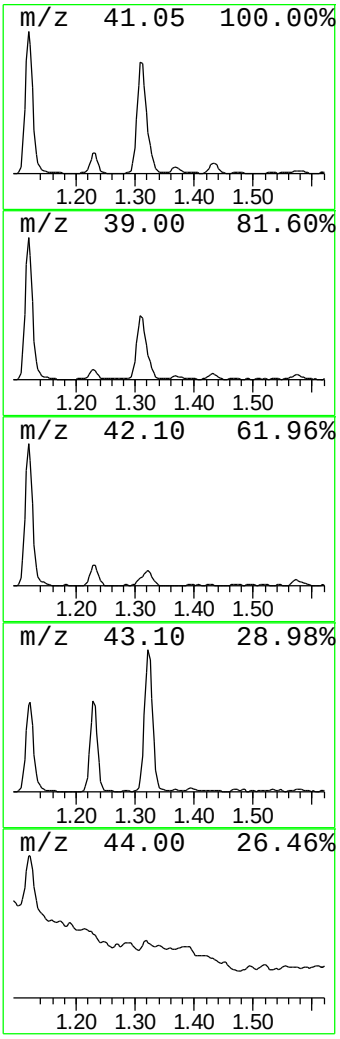
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	59.64 ug/L	92771	1,4-Difluorobenzene	5.67

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	40
4	2-Butenenitrile	67	C4H5N	004786-20-3	10
5	2-Butenenitrile	67	C4H5N	004786-20-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

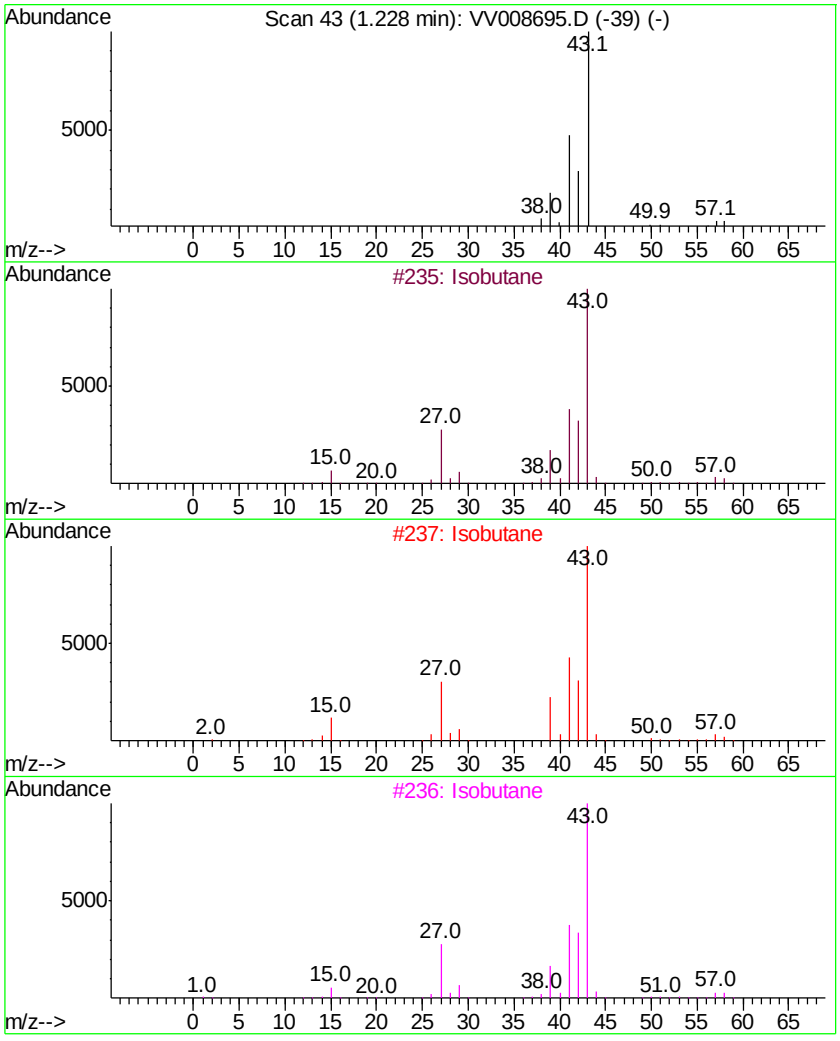
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

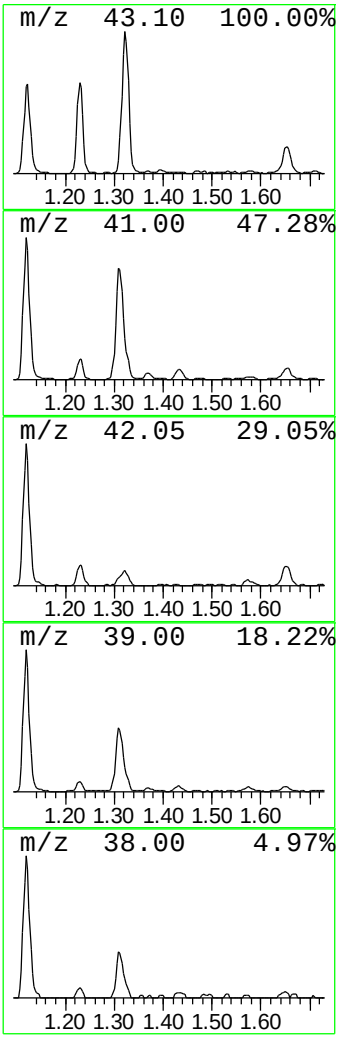
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	11.63 ug/L	18090	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	56
3	Isobutane	58	C4H10	000075-28-5	56
4	Isobutane	58	C4H10	000075-28-5	9
5	5-Methyloxazolidine	87	C4H9NO	058328-22-6	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

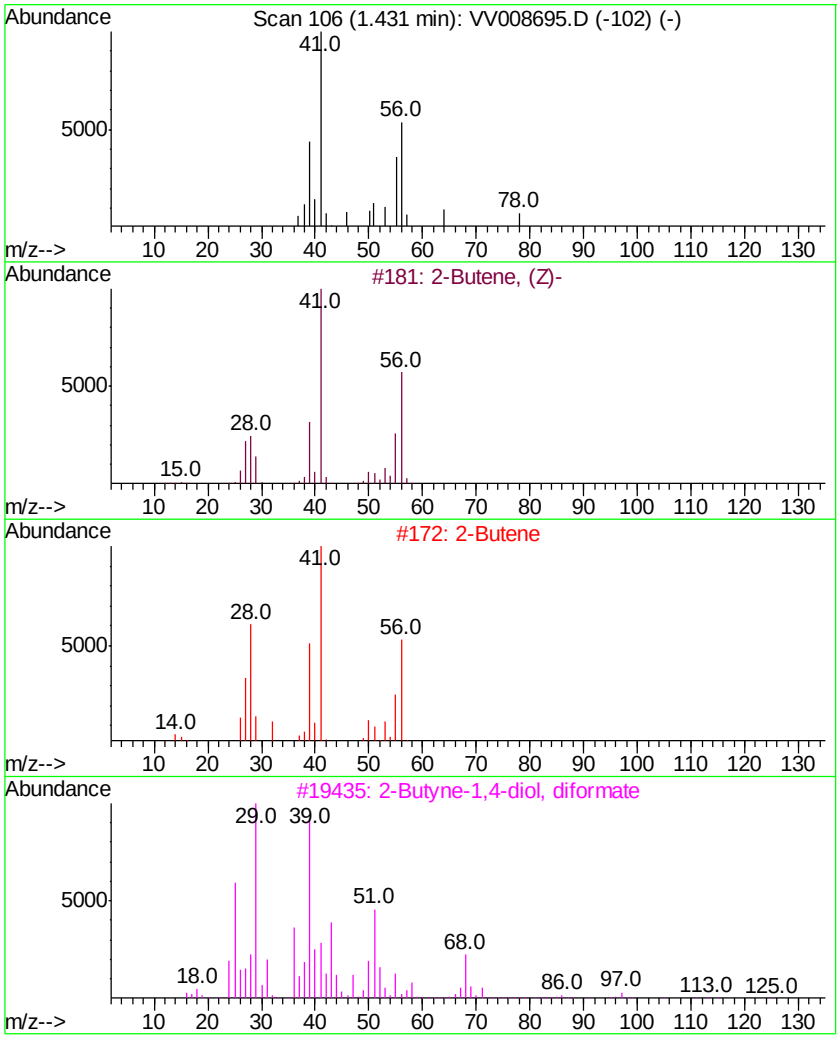
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

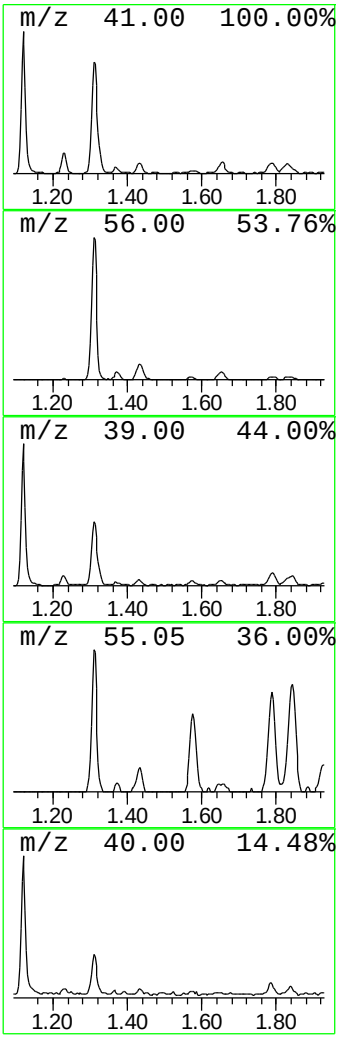
****

Peak Number 3 (DEL) Alkane: Cyclic1.43 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	4.31 ug/L	6700	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (Z)-	56	C4H8	000590-18-1	53
2	2-Butene	56	C4H8	000107-01-7	22
3	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	12
4	2-Butene	56	C4H8	000107-01-7	9
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

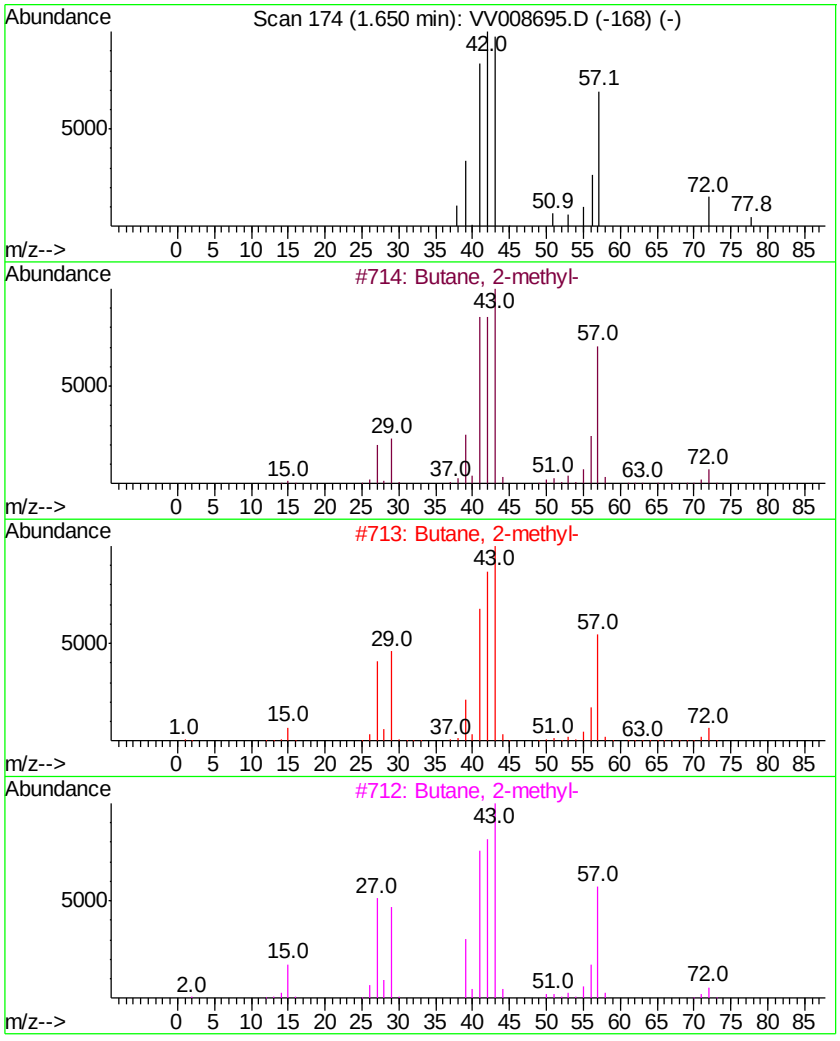
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

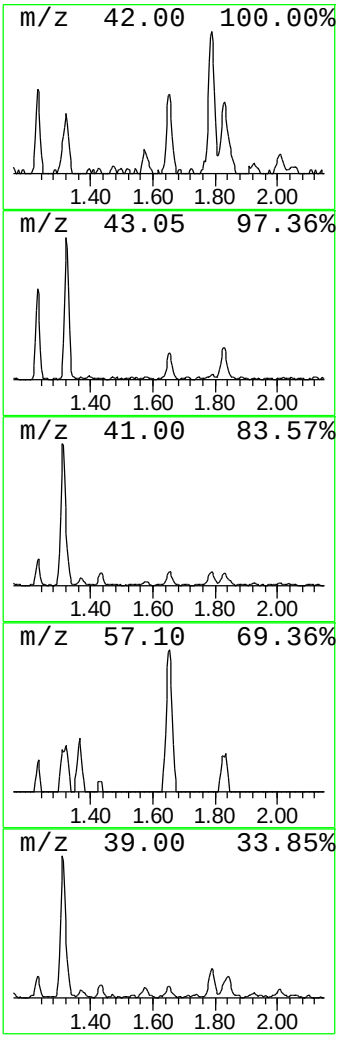
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.65	8.52 ug/L	13253	1,4-Difluorobenzene	5.67

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	80
3	Butane, 2-methyl-	72	C5H12	000078-78-4	45
4	Pentane	72	C5H12	000109-66-0	33
5	3-Buten-1-ol	72	C4H8O	000627-27-0	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

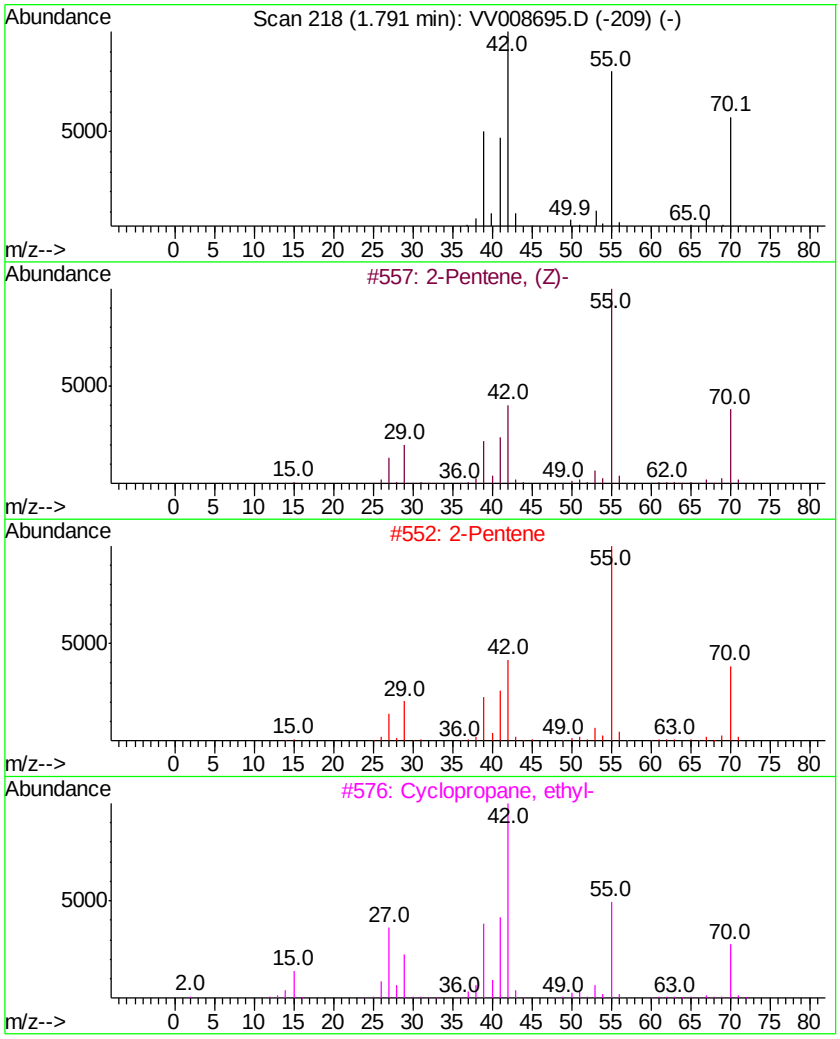
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

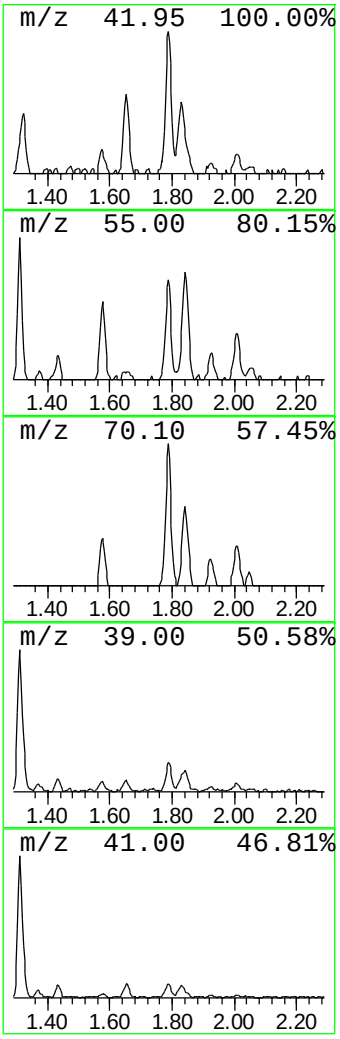
****

Peak Number 7 (DEL) Alkane: Cyclic1.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	13.00 ug/L	20229	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
2	2-Pentene	70	C5H10	000109-68-2	87
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
4	1-Pentene	70	C5H10	000109-67-1	72
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

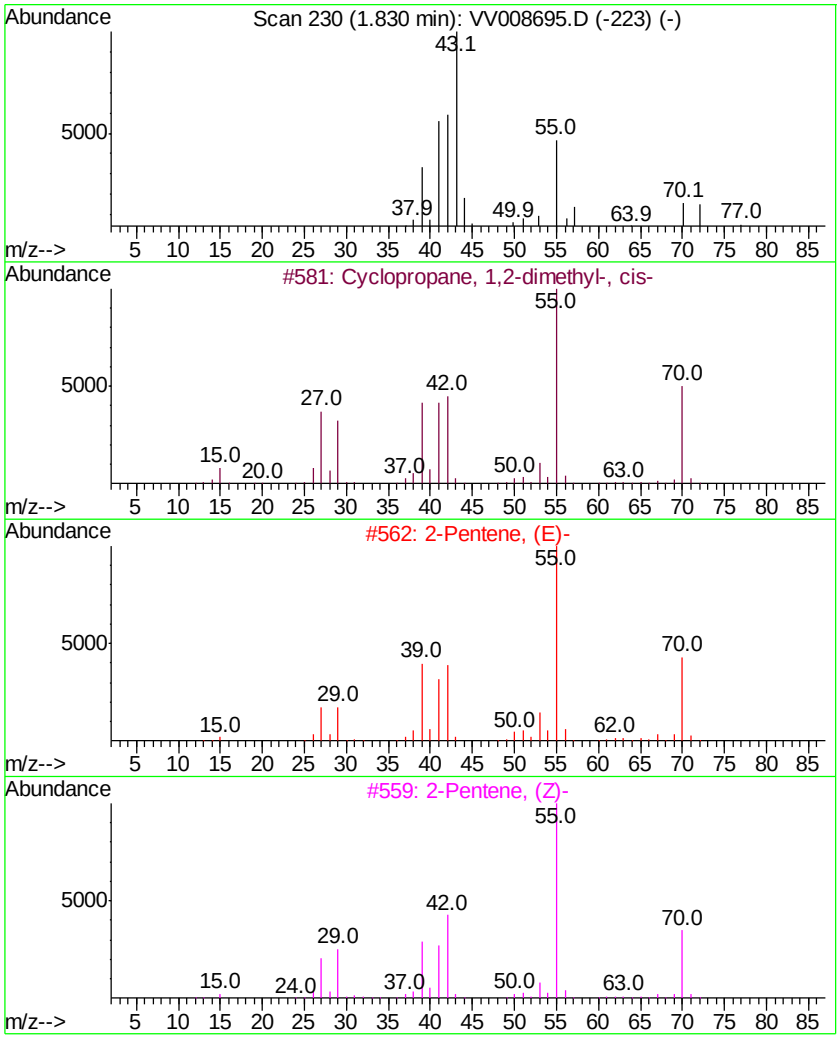
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

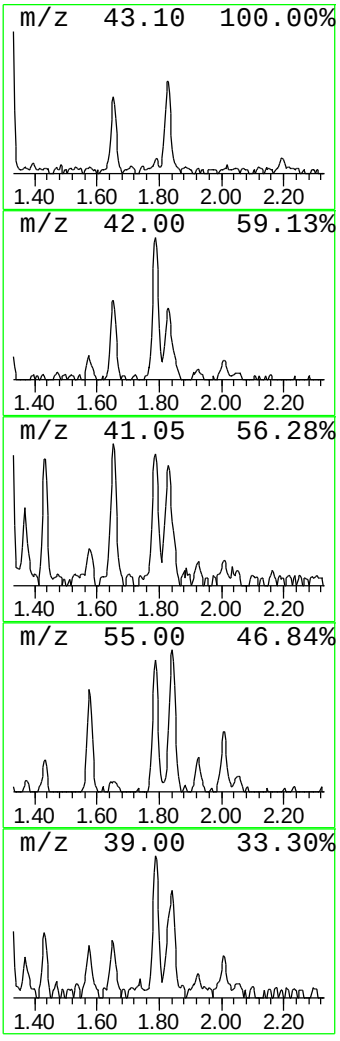
****

Peak Number 8 (DEL) Alkane: Cyclic1.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	15.27 ug/L	23748	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	52
2	2-Pentene, (E)-	70	C5H10	000646-04-8	50
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	50
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	47
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	47





Library Search Compound Report

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Data File : VV008695.D
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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

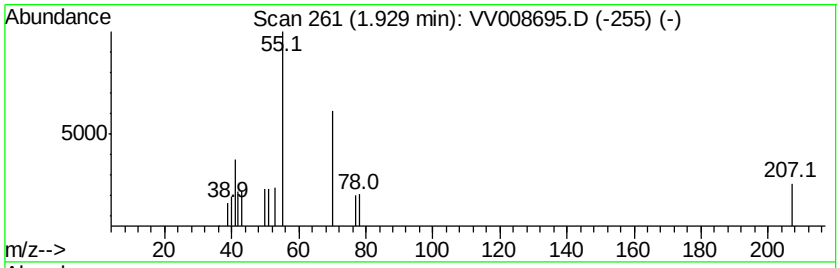
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

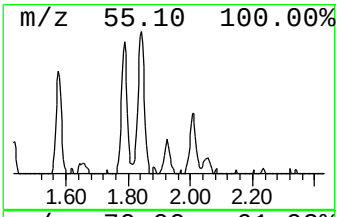
****

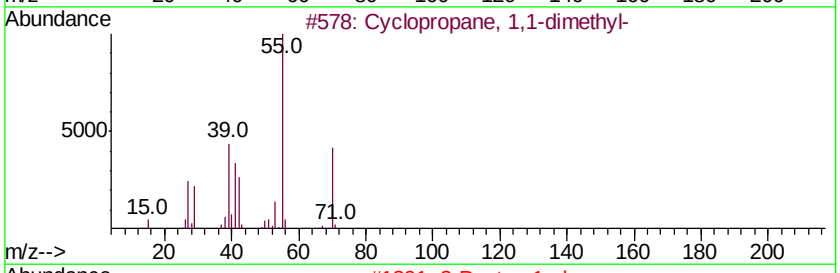
Peak Number 9 (DEL) Alkane: Cyclic1.93 Concentration Rank 12

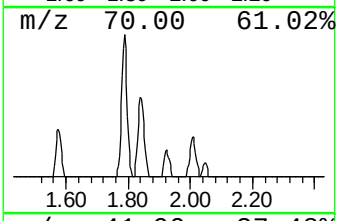
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.93	2.39 ug/L	3724	1,4-Difluorobenzene	5.67

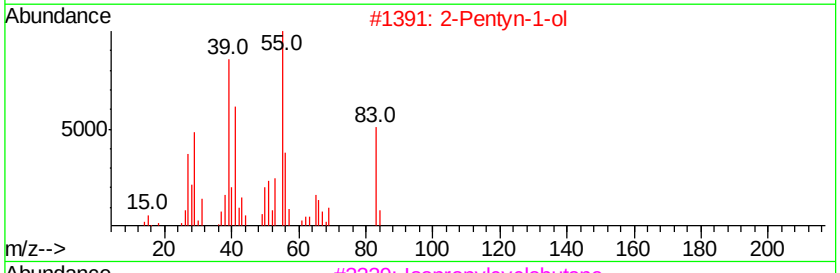
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	42
2	2-Pentyn-1-ol	84	C5H8O	006261-22-9	17
3	Isopropylcyclobutane	98	C7H14	000872-56-0	9
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	7
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	7

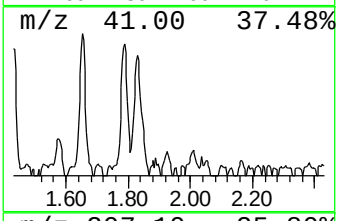


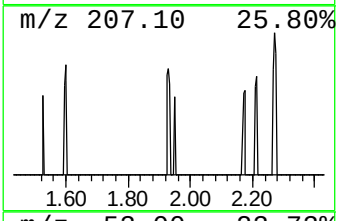


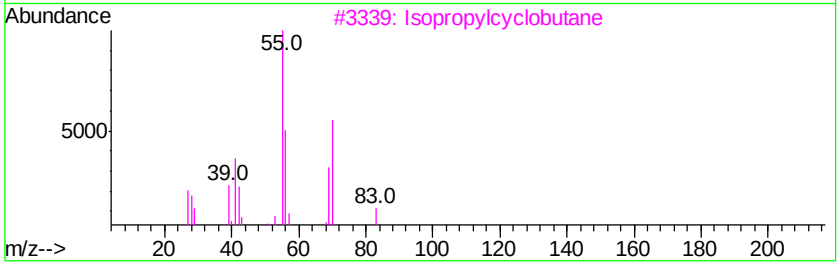


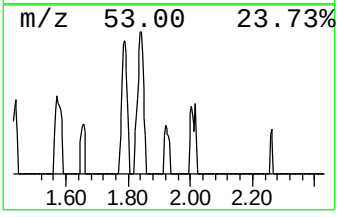












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

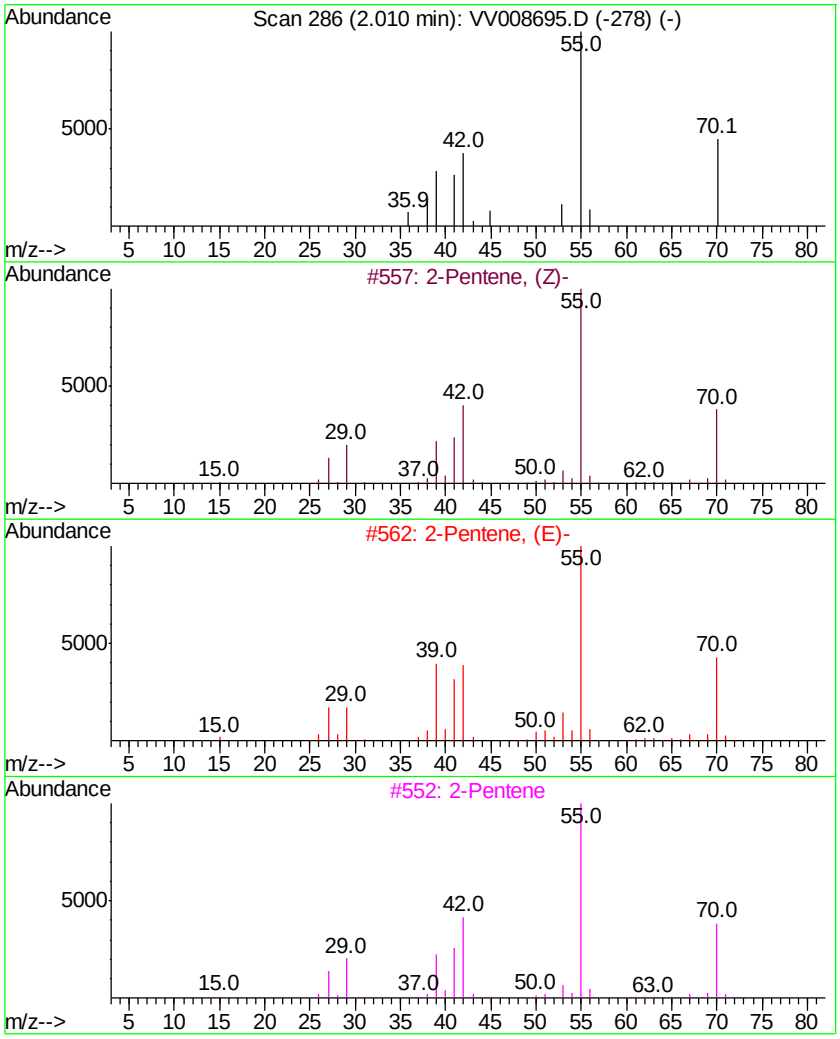
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

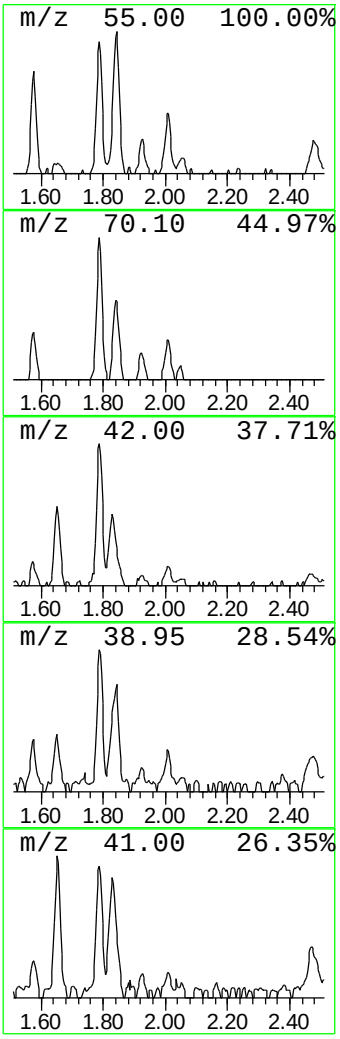
****

Peak Number 10 (DEL) Alkane: Cyclic2.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	3.51 ug/L	5454	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	80
2	2-Pentene, (E)-	70	C5H10	000646-04-8	80
3	2-Pentene	70	C5H10	000109-68-2	80
4	2-Pentene	70	C5H10	000109-68-2	72
5	2-Pentene, (E)-	70	C5H10	000646-04-8	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

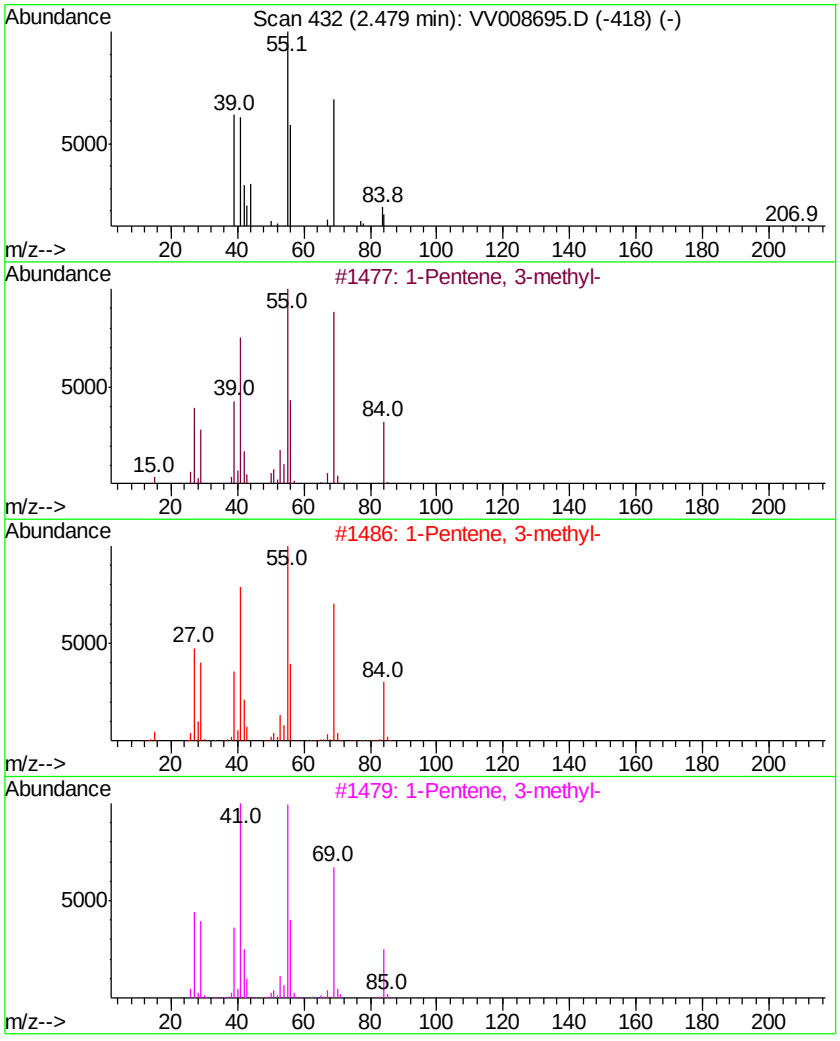
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

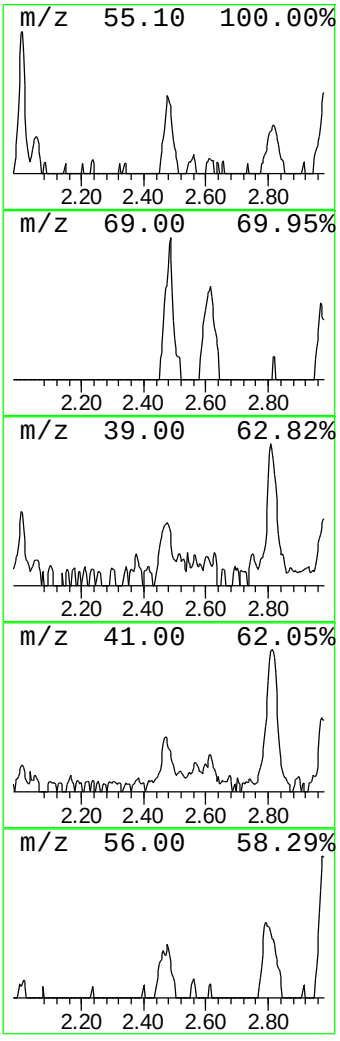
****

Peak Number 11 (DEL) Alkane: Cyclic2.48 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.48	6.88 ug/L	10698	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	58
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	47
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	43
4	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	43
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

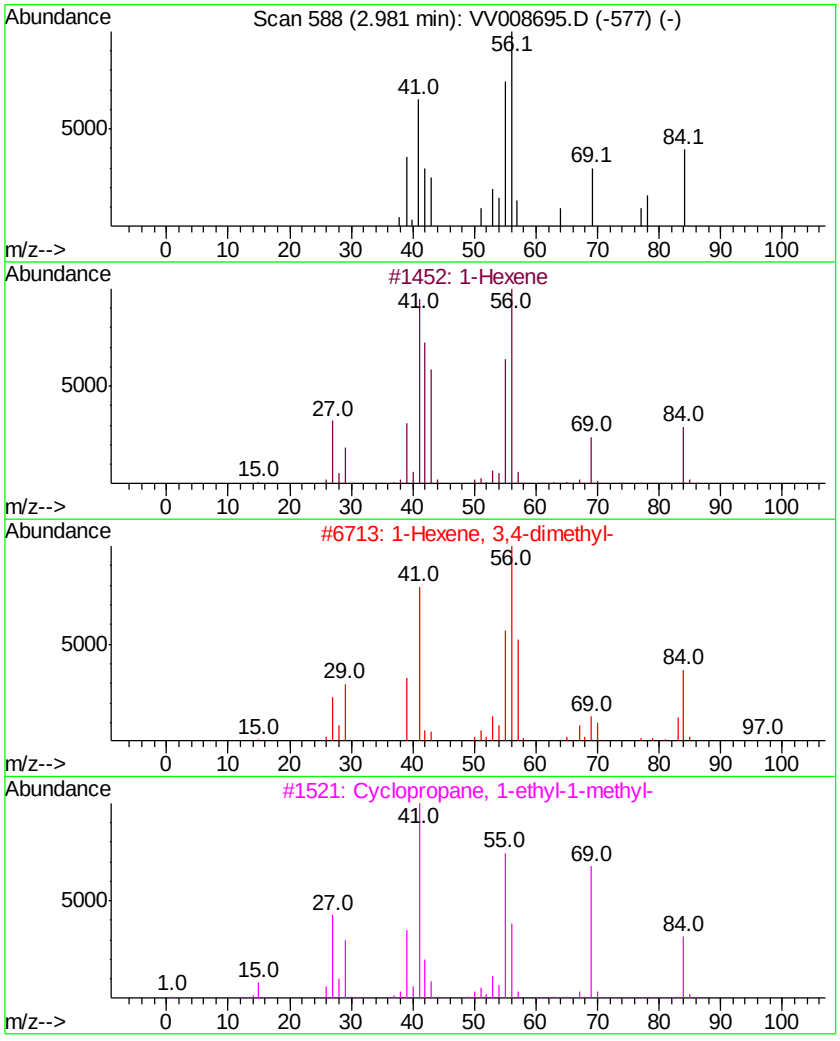
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

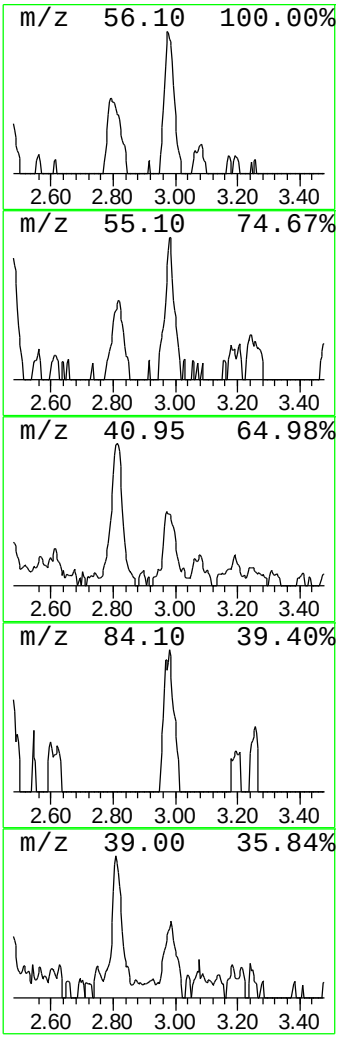
****

Peak Number 13 (DEL) Alkane: Cyclic2.98 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	9.51 ug/L	14793	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	58
2	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	53
3	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	50
4	3-Hexene, (E)-	84	C6H12	013269-52-8	43
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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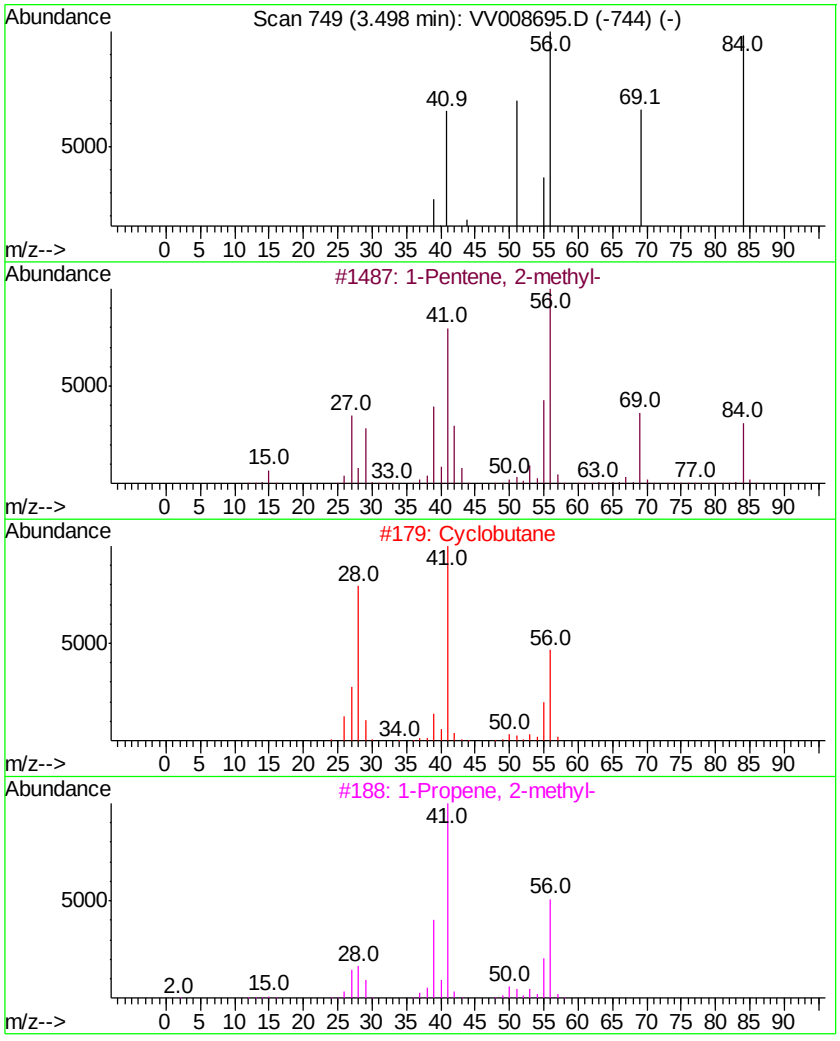
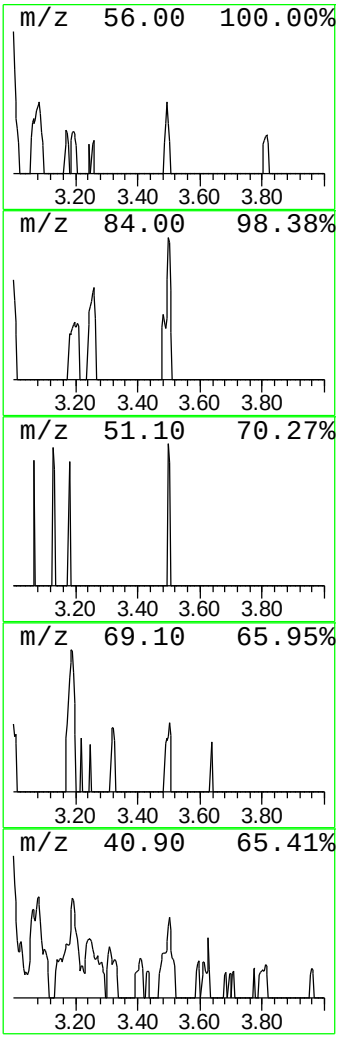
Peak Number 16 (DEL) Alkane: Cyclic3.50 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	1.22 ug/L	1893	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	9
2	Cyclobutane	56	C4H8	000287-23-0	7
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	5
4	Cyclobutane	56	C4H8	000287-23-0	5
5	2-Butene	56	C4H8	000107-01-7	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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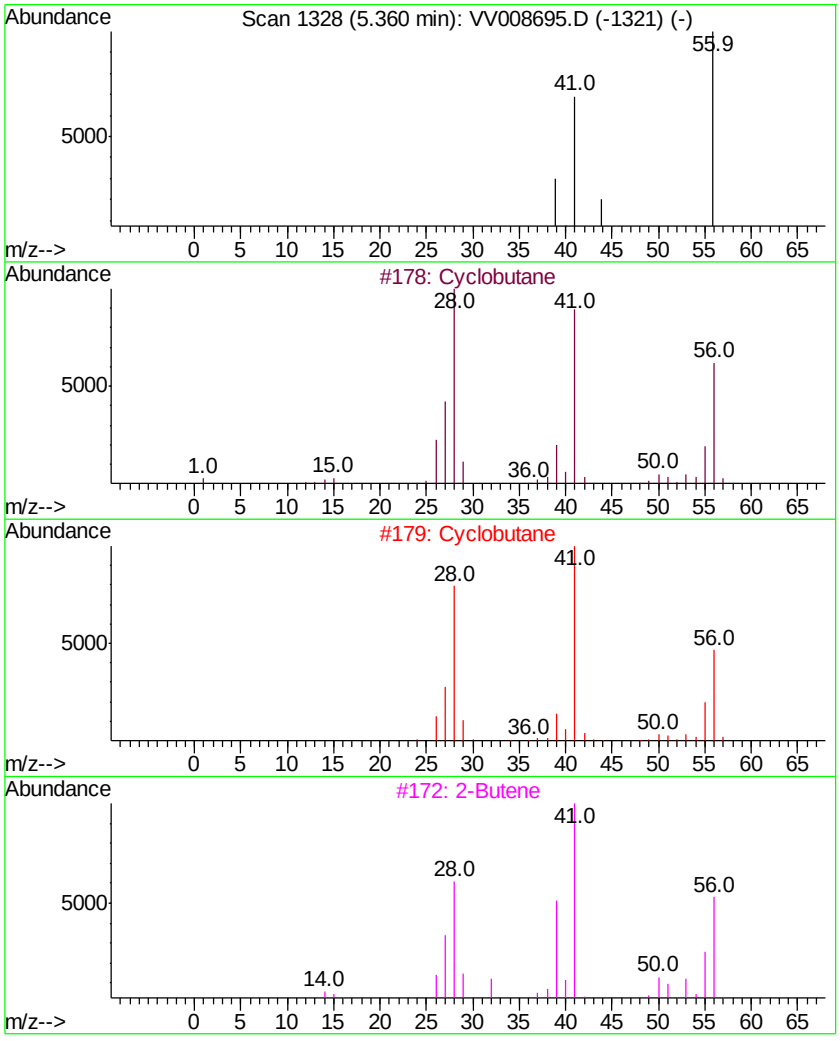
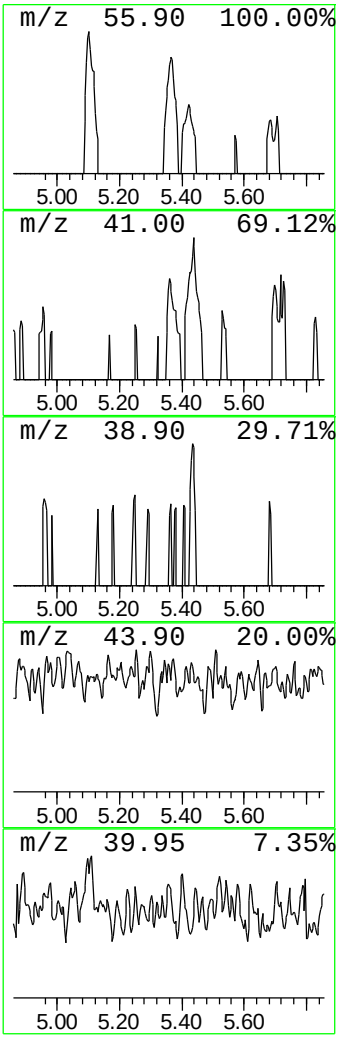
Peak Number 18 (DEL) Alkane: Cyclic5.36 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	0.75 ug/L	1164	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane	56	C4H8	000287-23-0	5
2	Cyclobutane	56	C4H8	000287-23-0	4
3	2-Butene	56	C4H8	000107-01-7	3
4	2-Butene, (Z)-	56	C4H8	000590-18-1	3
5	2-Butene, (E)-	56	C4H8	000624-64-6	3





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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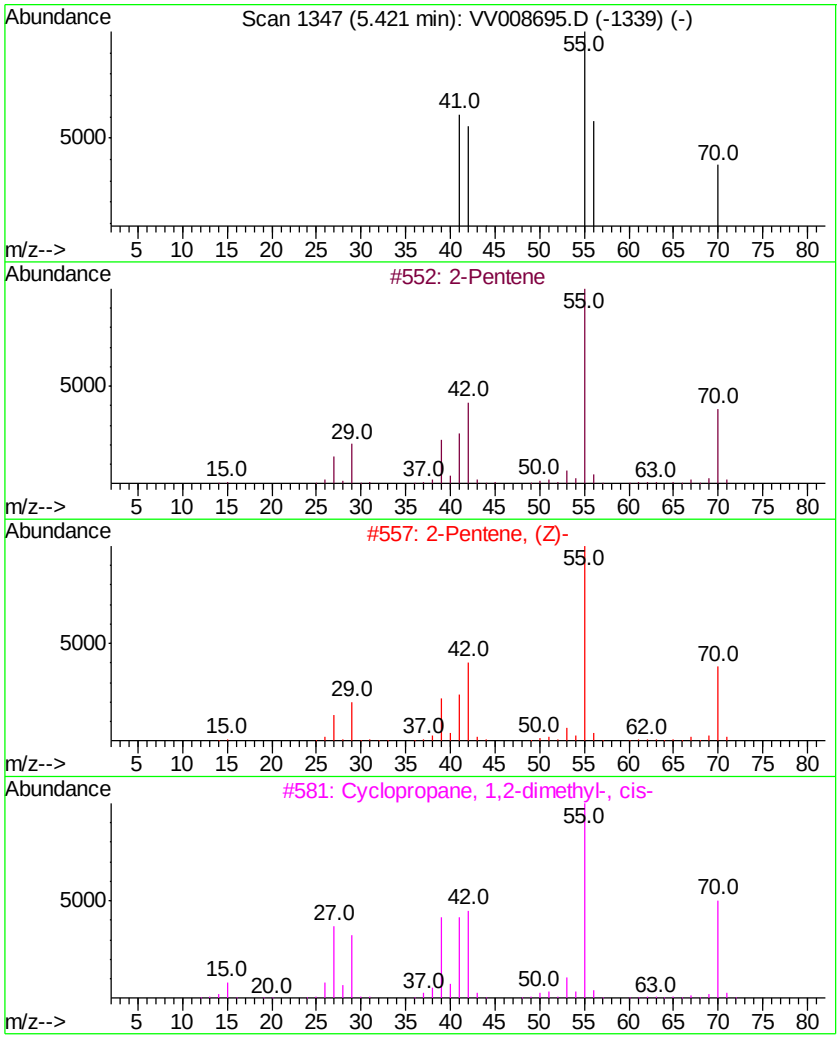
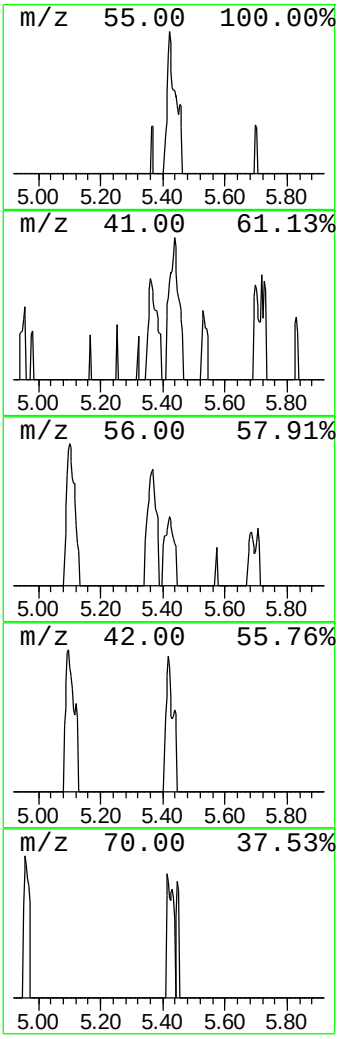
Peak Number 19 (DEL) Alkane: Cyclic5.42 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	0.93 ug/L	1440	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	42
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	42
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	40
4	2-Methyl-1-butene	70	C5H10	000563-46-2	9
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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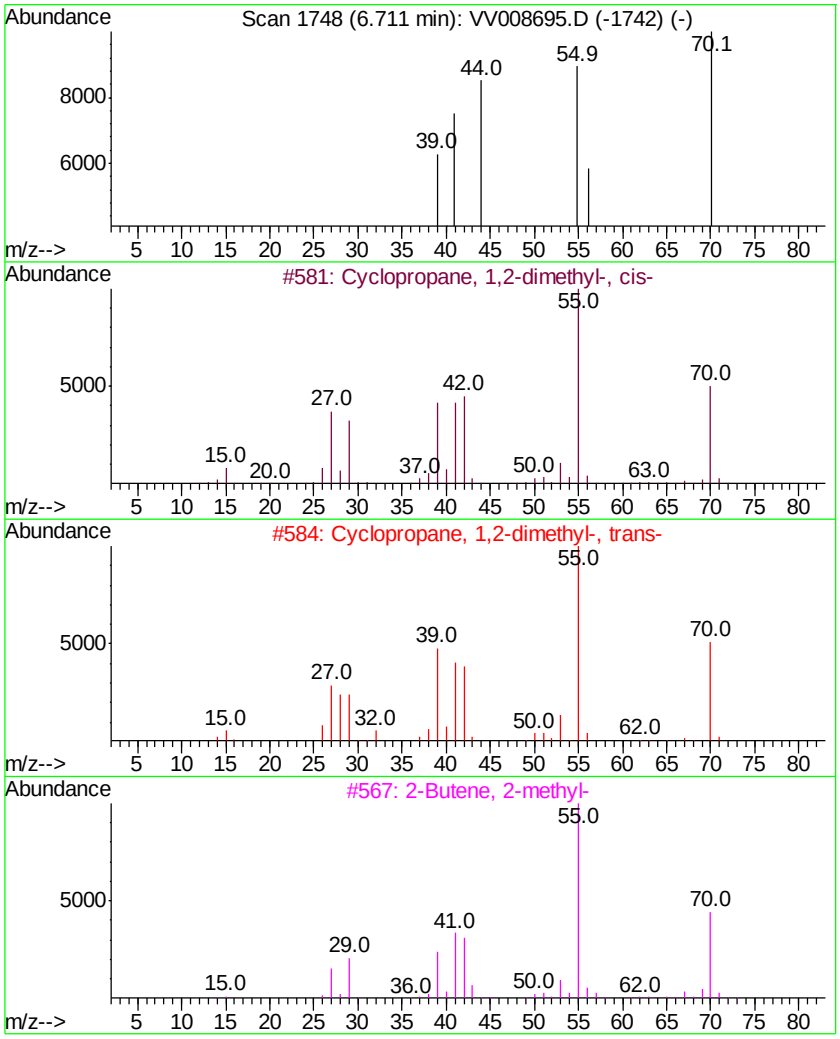
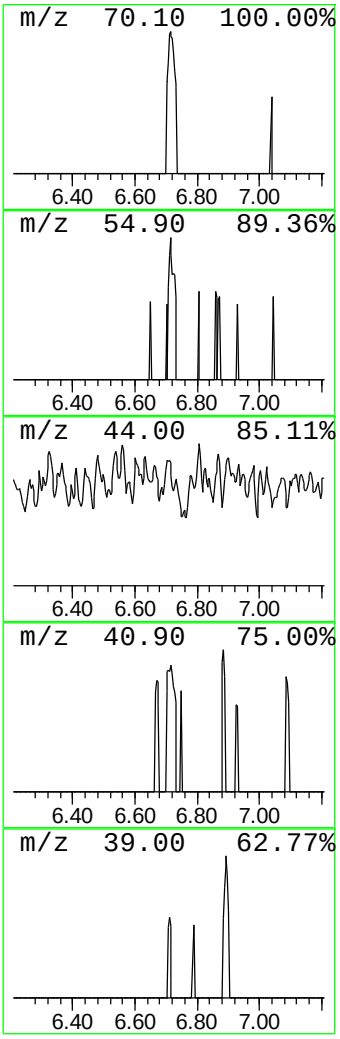
Peak Number 21 (DEL) Alkane: Cyclic6.71 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	0.76 ug/L	1180	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	7
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	7
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	4
4	2-Pentene	70	C5H10	000109-68-2	4
5	2-Pentene, (E)-	70	C5H10	000646-04-8	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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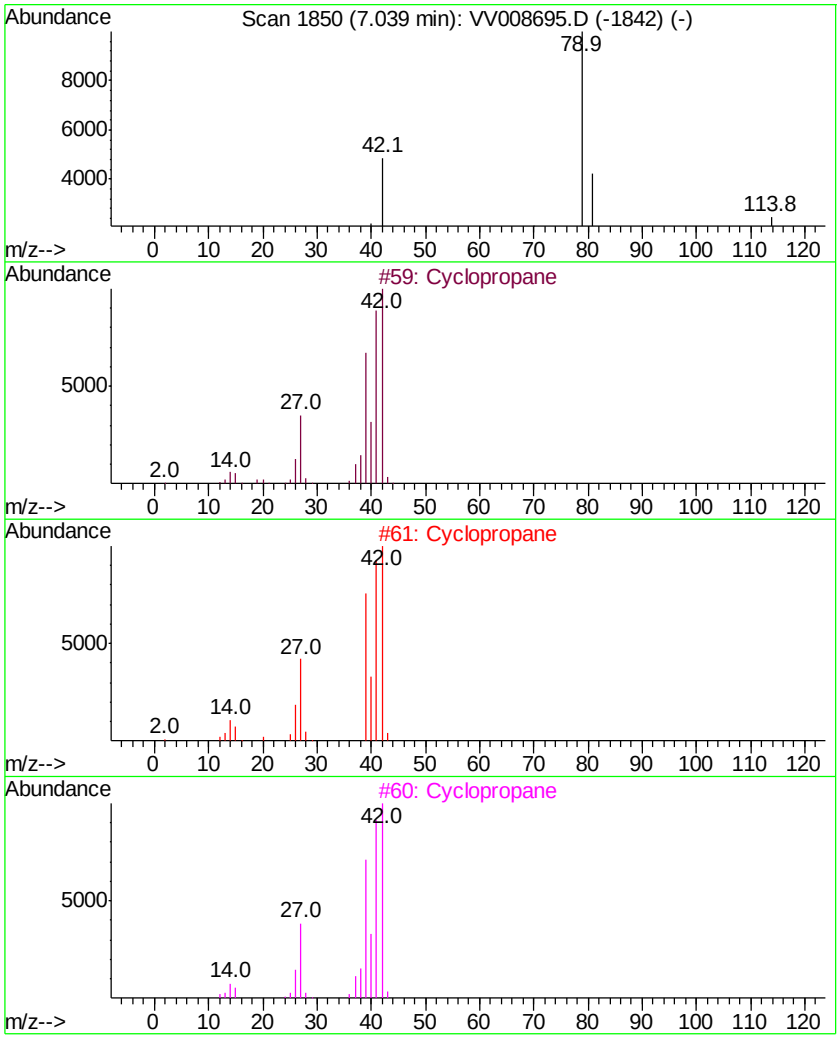
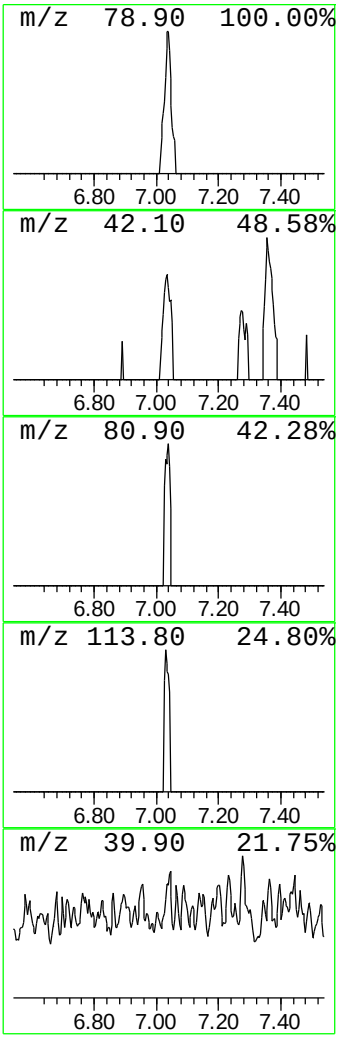
Peak Number 22 (DEL) Alkane: Cyclic7.04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	1.27 ug/L	1968	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	4
2	Cyclopropane	42	C3H6	000075-19-4	4
3	Cyclopropane	42	C3H6	000075-19-4	4
4	Acetaldehyde, chlorodifluoro-	114	C2HClF2O	000811-96-1	4
5	Ethylenimine	43	C2H5N	000151-56-4	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0

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

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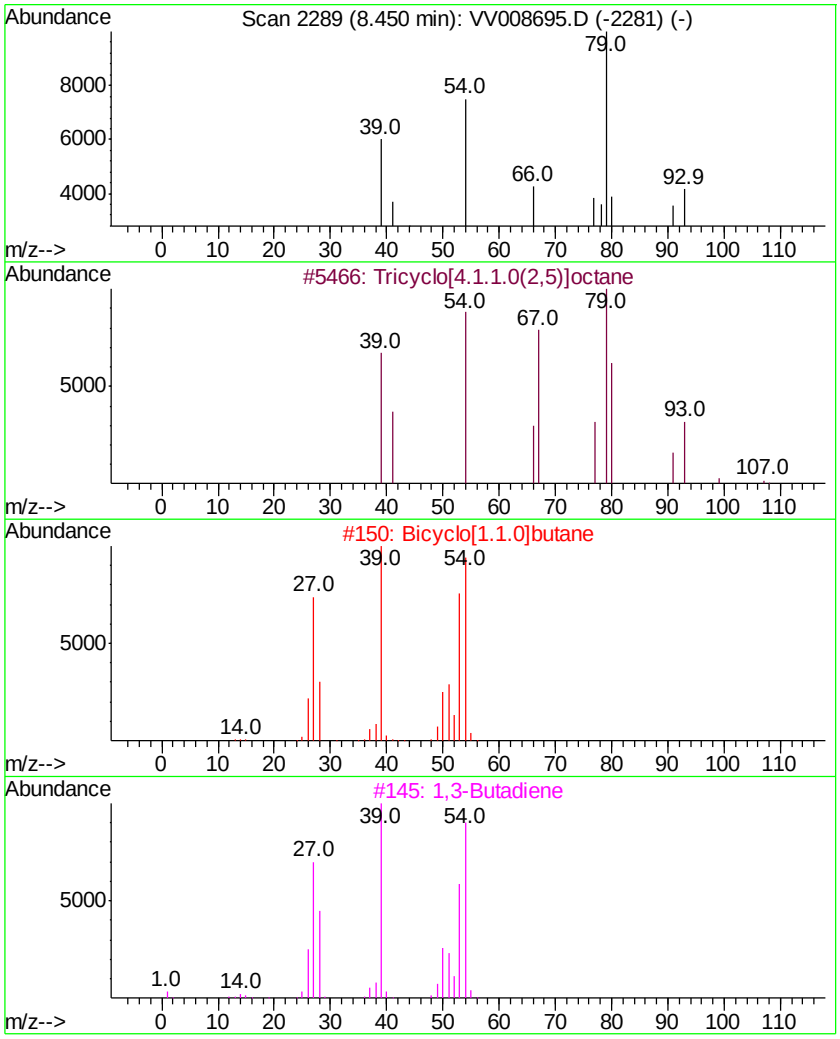
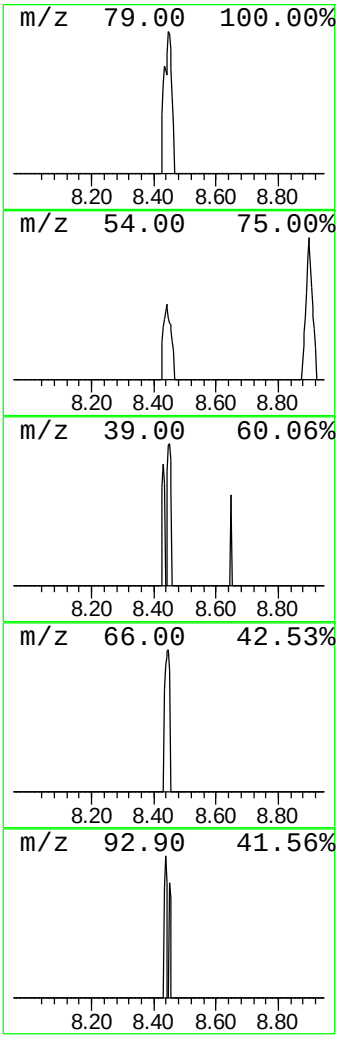
Peak Number 23 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	1.35 ug/L	2749	Chlorobenzene-d5	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.1.1.0(2,5)]octane	108	C8H12	070970-60-4	13
2	Bicyclo[1.1.0]butane	54	C4H6	000157-33-5	7
3	1,3-Butadiene	54	C4H6	000106-99-0	7
4	1,3-Butadiene	54	C4H6	000106-99-0	7
5	1-Butyne	54	C4H6	000107-00-6	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
Data File : VV008695.D
Acq On : 21 Nov 2018 12:51
Operator : SY/MD
Sample : J6026-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0FK5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.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	59.6	ug/L	92771	1	5.67	7778	5.0
(DEL) Alkane: Str...	1.23	11.6	ug/L	18090	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	1.43	4.3	ug/L	6700	1	5.67	7778	5.0
(DEL) Alkane: Str...	1.65	8.5	ug/L	13253	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	1.79	13.0	ug/L	20229	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	1.83	15.3	ug/L	23748	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	1.93	2.4	ug/L	3724	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	2.01	3.5	ug/L	5454	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	2.48	6.9	ug/L	10698	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	2.98	9.5	ug/L	14793	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	3.50	1.2	ug/L	1893	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	5.36	0.8	ug/L	1164	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	5.42	0.9	ug/L	1440	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	6.71	0.8	ug/L	1180	1	5.67	7778	5.0
(DEL) Alkane: Cyc...	7.04	1.3	ug/L	1968	1	5.67	7778	5.0
unknown-01	8.45	1.4	ug/L	2749	2	8.90	10154	5.0