LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

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\SOMUTR072120WMA.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	16	rVB	500986	481865	11.23%	4.713%
2	1.594	70	79	91	rBV3	297150	449109	10.46%	4.393%
3	1.739	118	124	139	rVB	47543	59962	1.40%	0.586%
4	1.922	165	181	195	rVB3	55958	88732	2.07%	0.868%
5	2.166	246	257	265	rBV	87824	121312	2.83%	1.187%
6	2.227	265	276	293	rVB4	67451	137882	3.21%	1.349%
7	2.427	323	338	347	rVB2	34670	55885	1.30%	0.547%
8	2.581	372	386	398	rBV2	92982	155253	3.62%	1.518%
9	3.205	568	580	597	rVB2	30221	71324	1.66%	0.698%
10	3.607	688	705	724	rVB5	29209	72822	1.70%	0.712%
11	4.674	1015	1037	1069	rBV4	138031	655965	15.28%	6.416%
12	4.832	1070	1086	1150	rVV	1526269	4292598	100.00%	41.985%
13	5.086	1151	1165	1191	rVB	79651	195912	4.56%	1.916%
14	5.745	1348	1370	1382	rBV3	159200	423339	9.86%	4.141%
15	6.266	1517	1532	1557	rBV2	145162	285602	6.65%	2.793%
16	6.703	1655	1668	1691	rBV	99582	213326	4.97%	2.086%
17	7.578	1923	1940	1956	rBV2	56231	109039	2.54%	1.066%
18	7.906	2028	2042	2055	rBV	196415	337699	7.87%	3.303%
19	8.189	2116	2130	2138	rBV	33949	58654	1.37%	0.574%
20	8.558	2233	2245	2257	rBV2	38704	68634	1.60%	0.671%
21	8.642	2257	2271	2300	rBV	270892	538140	12.54%	5.263%
22	9.420	2501	2513	2525	rBV	207476	340770	7.94%	3.333%
23	9.693	2584	2598	2612	rVB10	20273	48686	1.13%	0.476%
24	10.037	2685	2705	2722	rBV7	18620	56844	1.32%	0.556%
25	10.758	2918	2929	2939	rBV	83670	143438	3.34%	1.403%
26	11.809	3245	3256	3270	rBV	209178	336931	7.85%	3.295%
27	12.057	3323	3333	3355	rBV	34217	63305	1.47%	0.619%
28	12.188	3362	3374	3388	rVB	210678	361122	8.41%	3.532%

Sum of corrected areas: 10224150

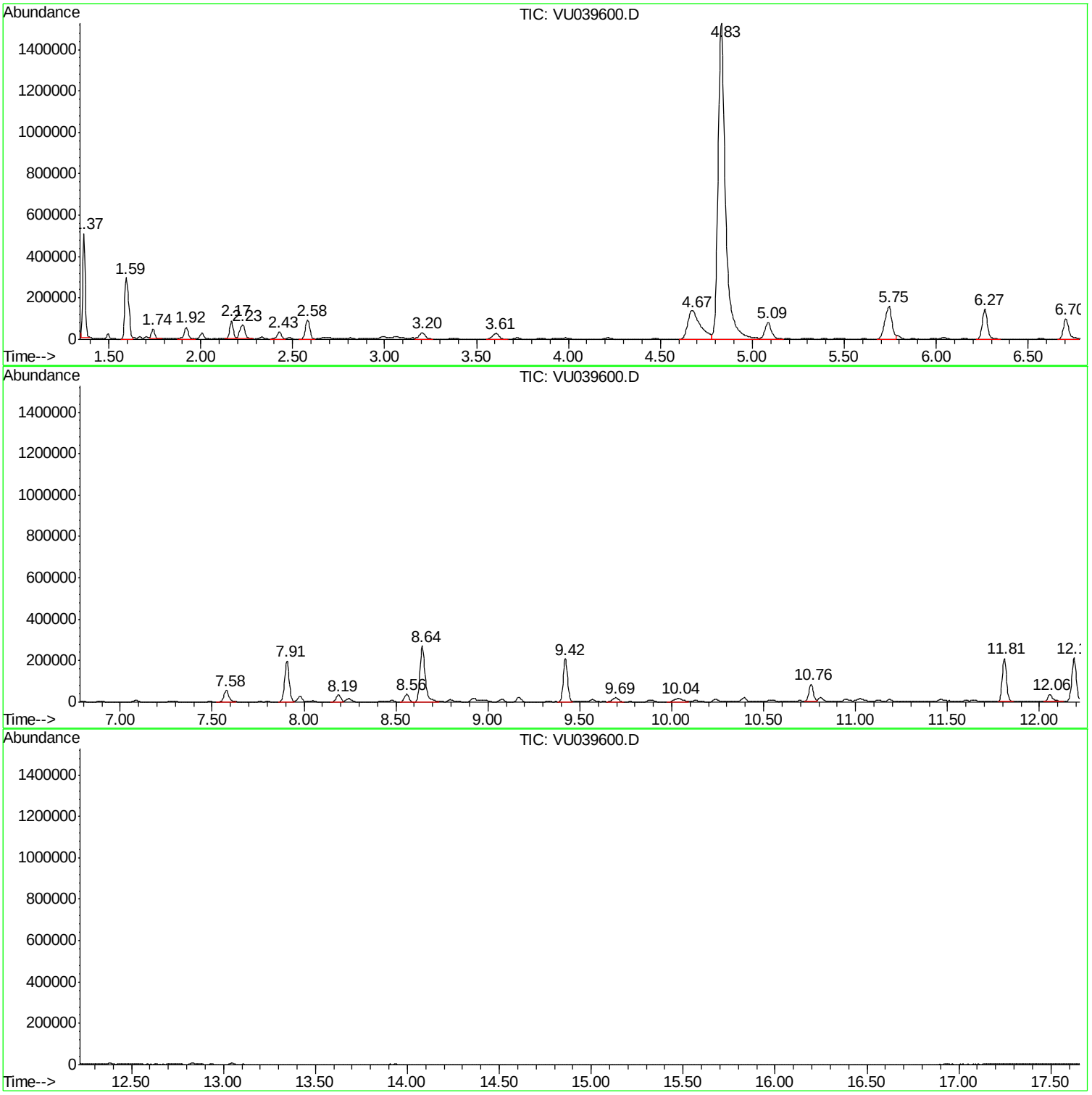
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.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_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

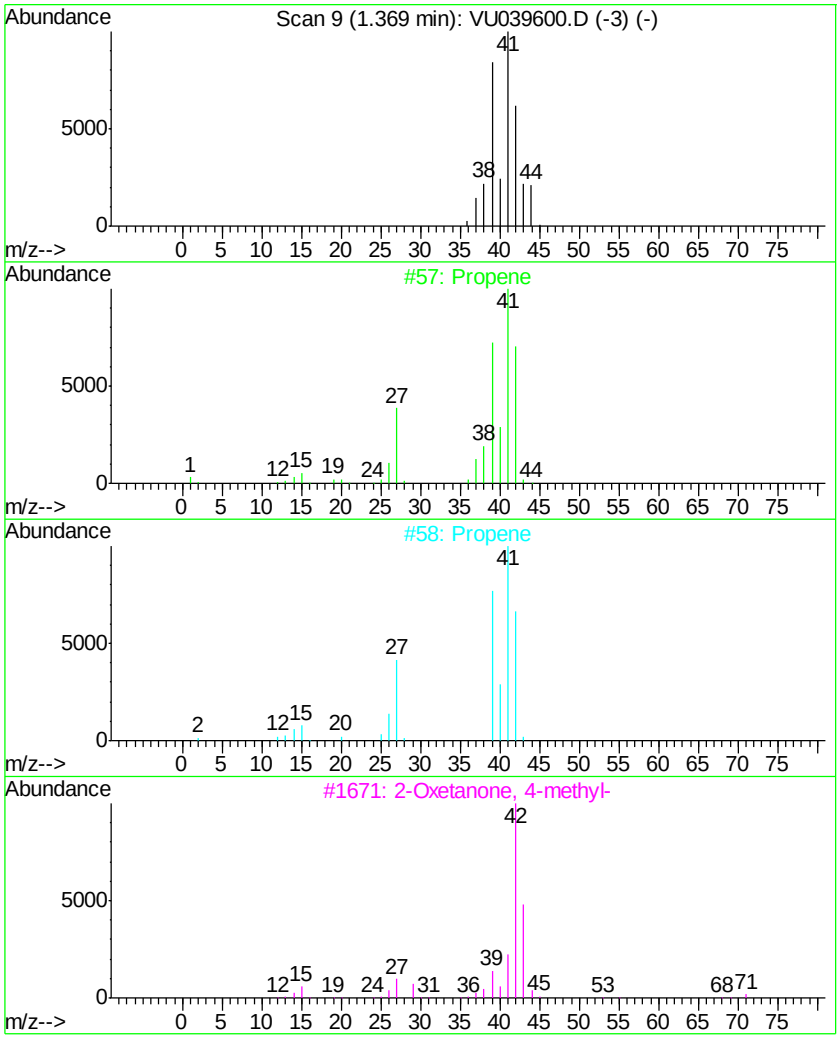
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

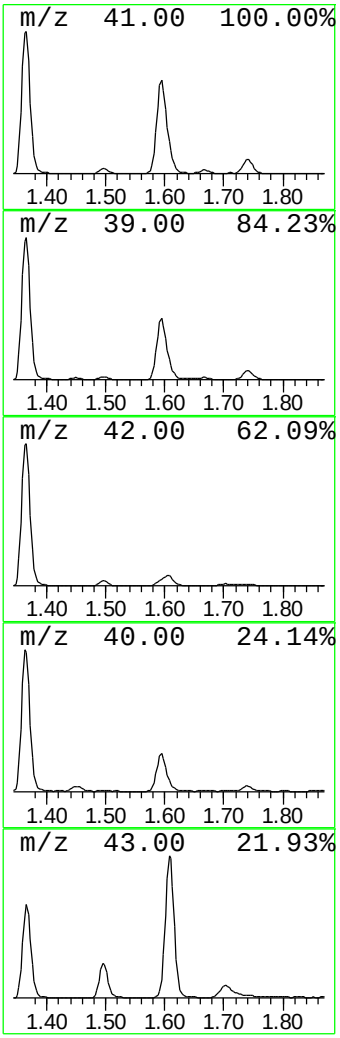
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	8.44 ug/L	481865	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

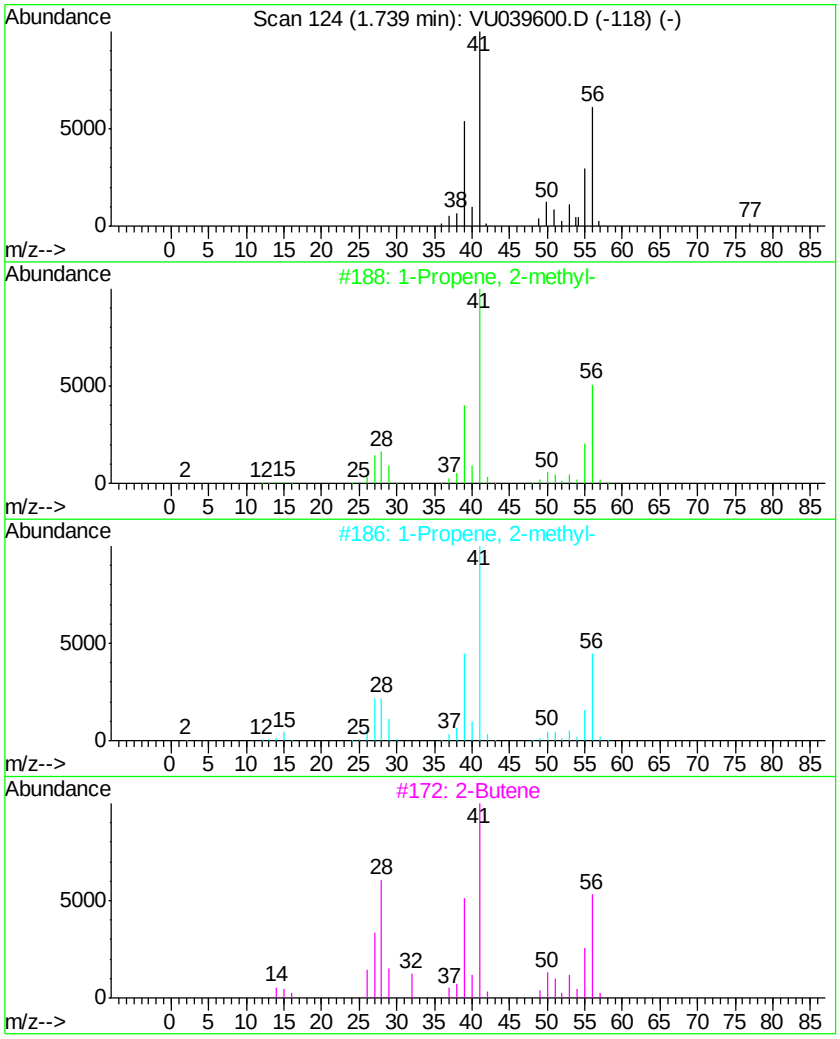
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

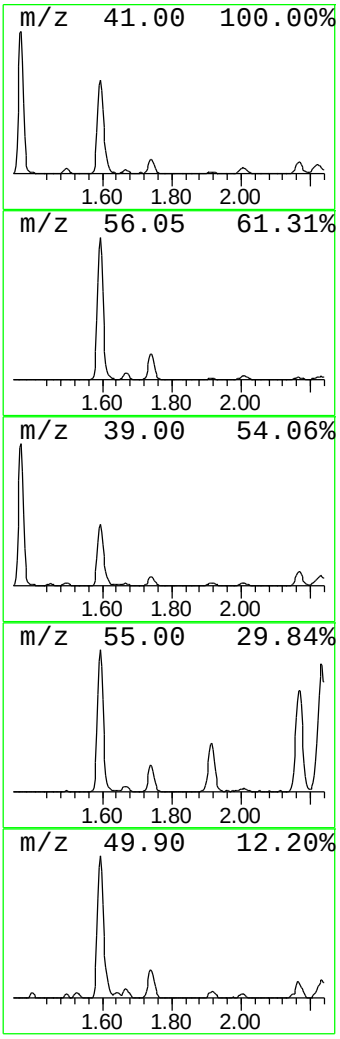
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	1.05 ug/L	59962	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
3	2-Butene	56	C4H8	000107-01-7	64
4	2-Butene, (Z)-	56	C4H8	000590-18-1	59
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

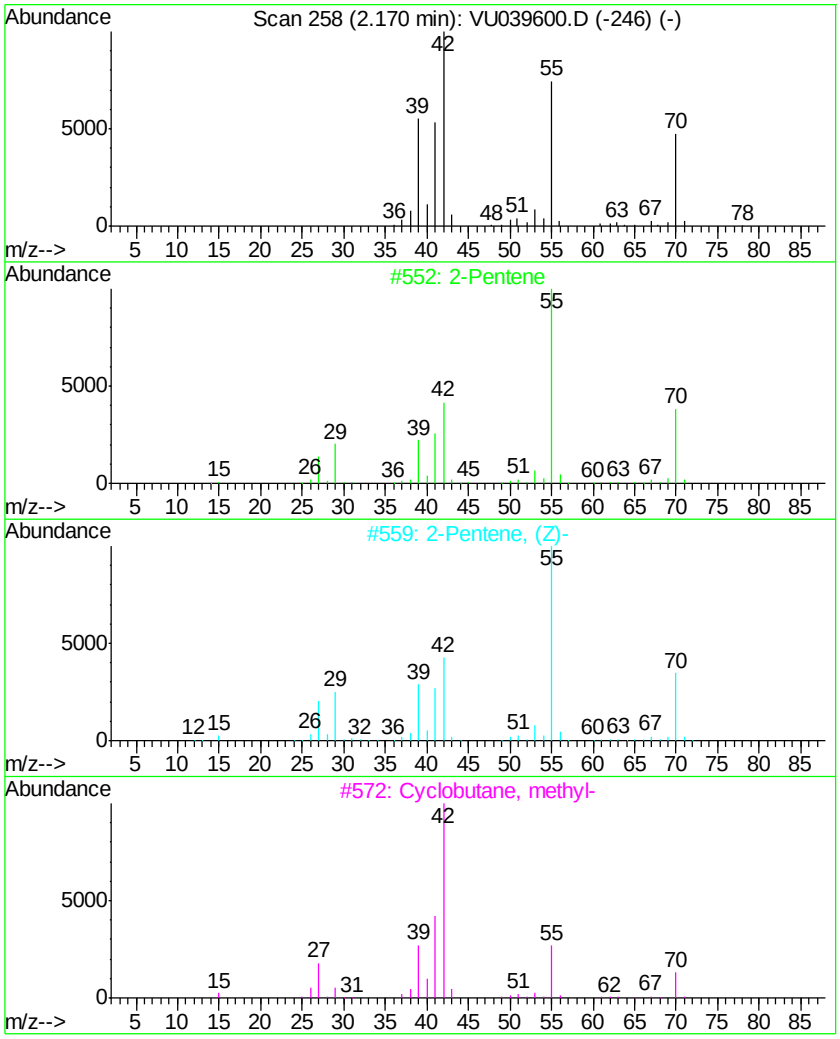
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

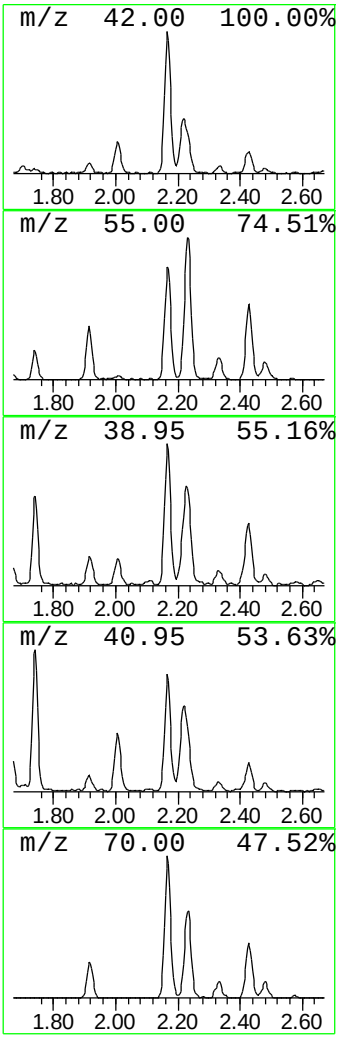
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.12 ug/L	121312	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene	70	C5H10	000109-68-2	86
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	72
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
4	1-Pentene	70	C5H10	000109-67-1	64
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

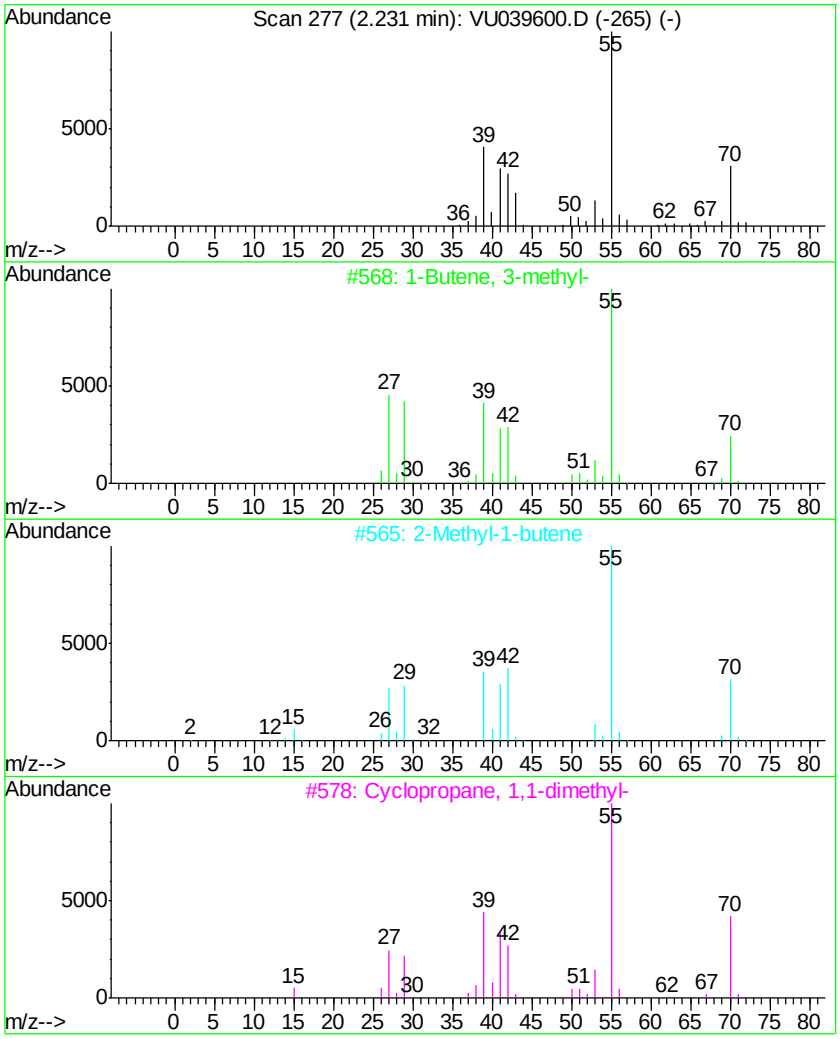
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

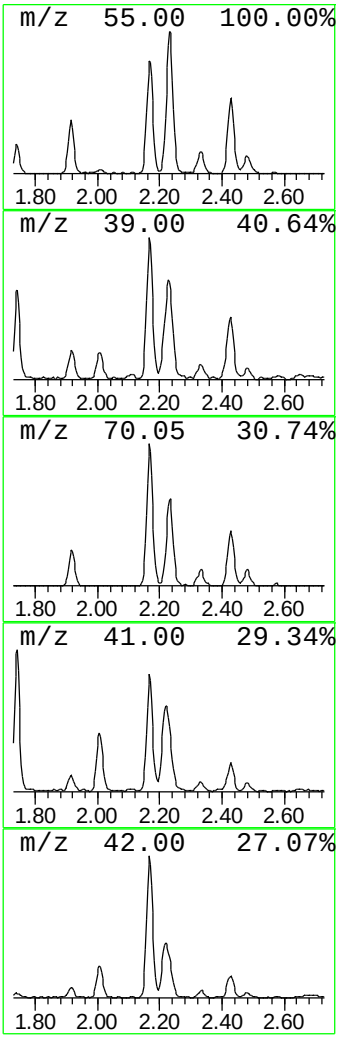
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	2.41 ug/L	137882	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3-methyl-	70	C5H10	000563-45-1	90
2	2-Methyl-1-butene	70	C5H10	000563-46-2	86
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

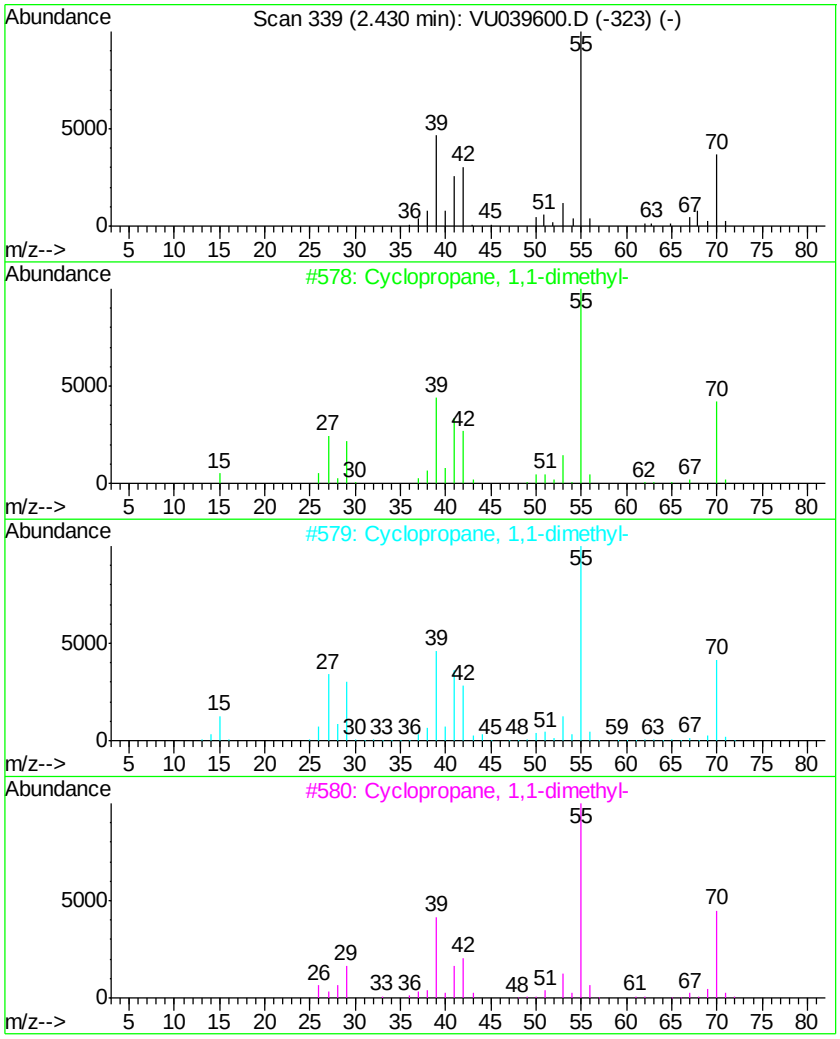
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

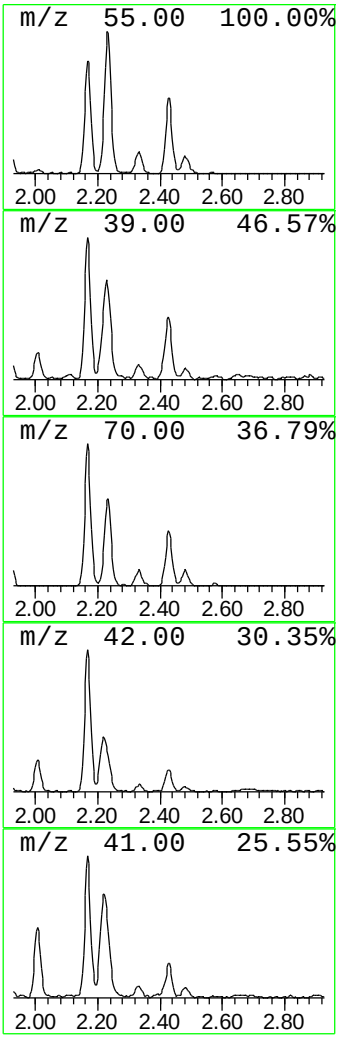
****

Peak Number 5 (DEL) Alkane: Cyclic2.43 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	0.98 ug/L	55885	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
3	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	64
4	2-Pentene, (E)-	70	C5H10	000646-04-8	58
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

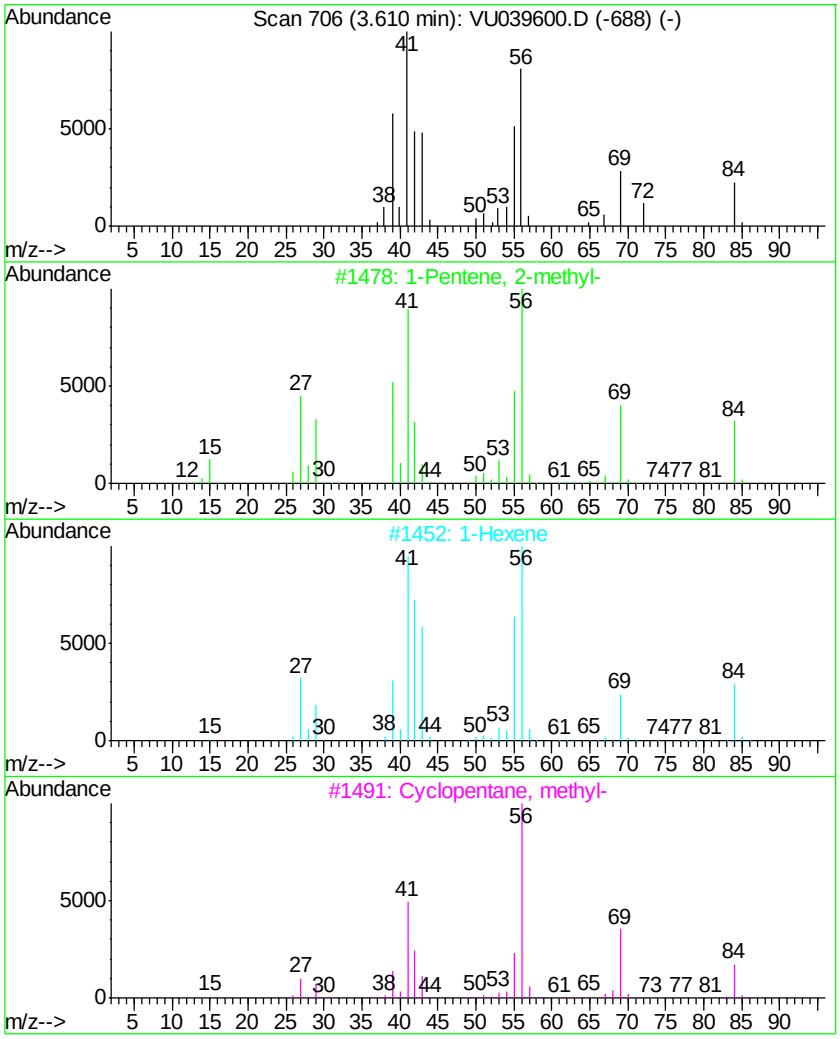
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

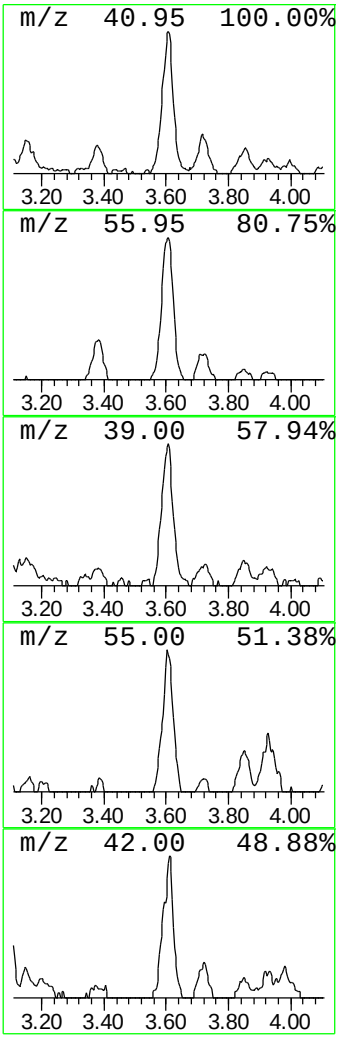
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	1.27 ug/L	72822	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	1-Hexene	84	C6H12	000592-41-6	52
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
4	1-Butene	56	C4H8	000106-98-9	47
5	1-Hexene	84	C6H12	000592-41-6	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

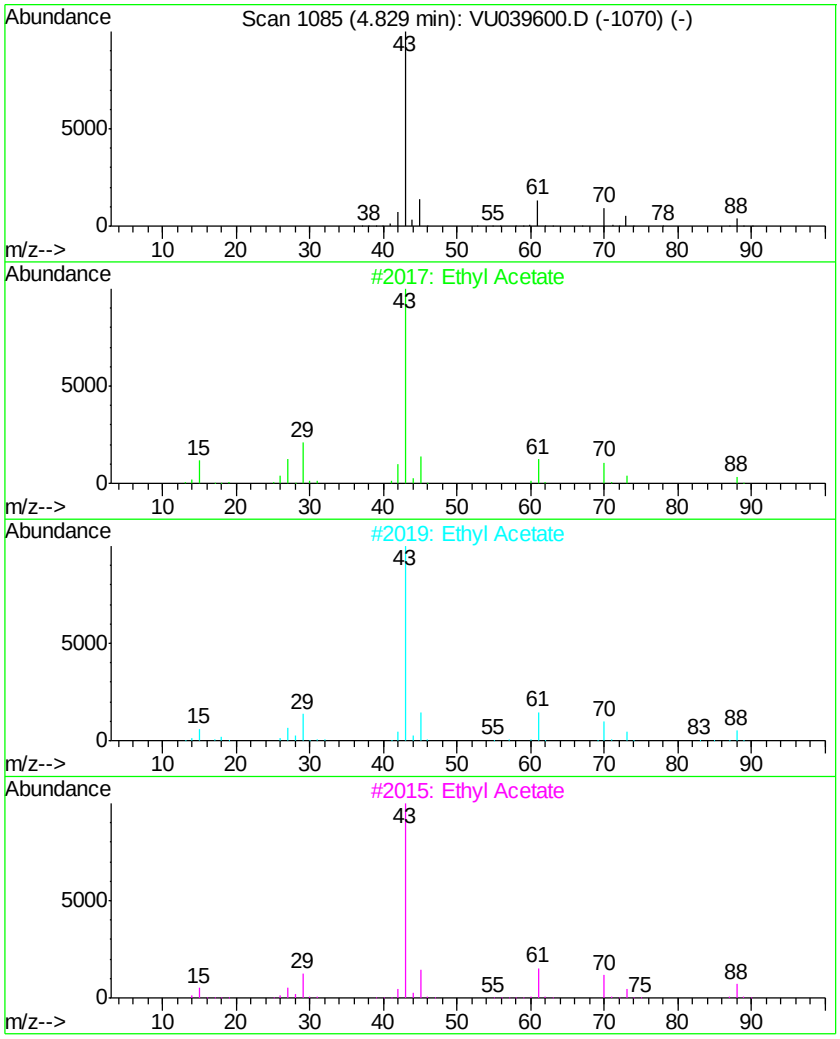
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

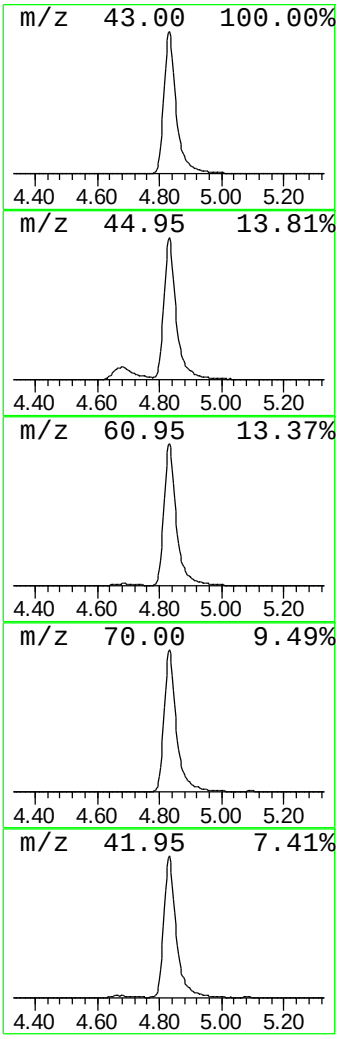
****

Peak Number 8 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	75.15 ug/L	4292600	1,4-Difluorobenzene	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	86
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	59





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Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

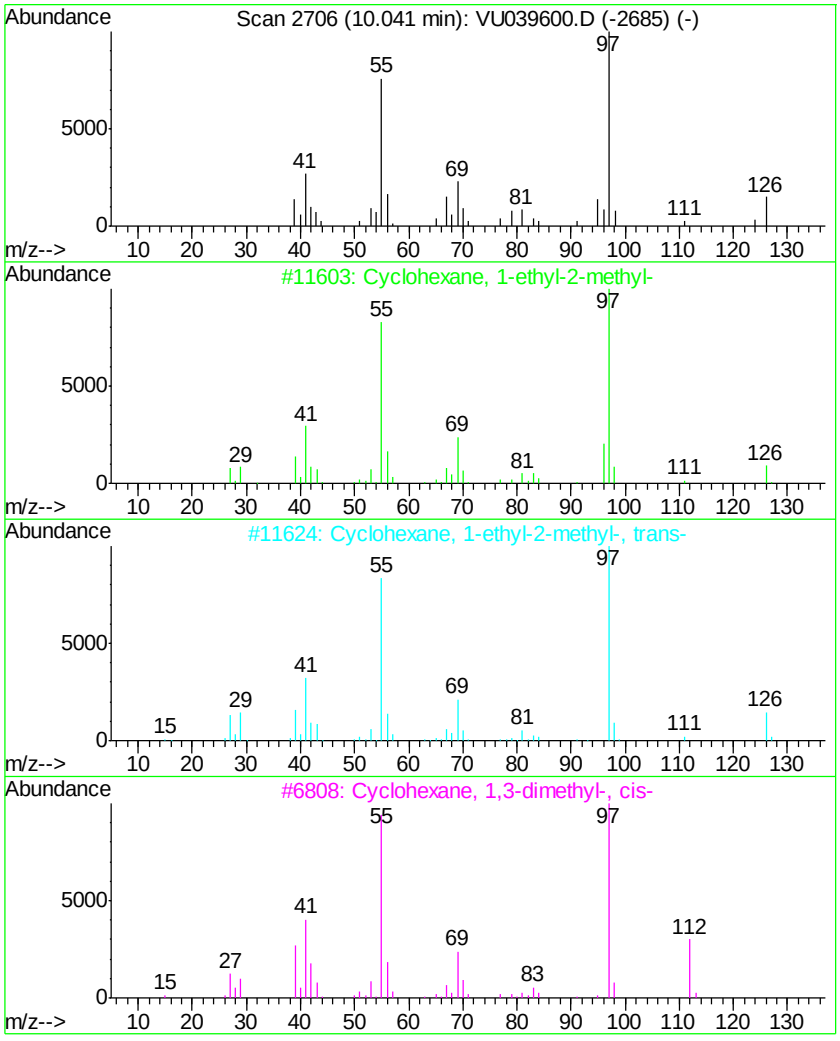
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

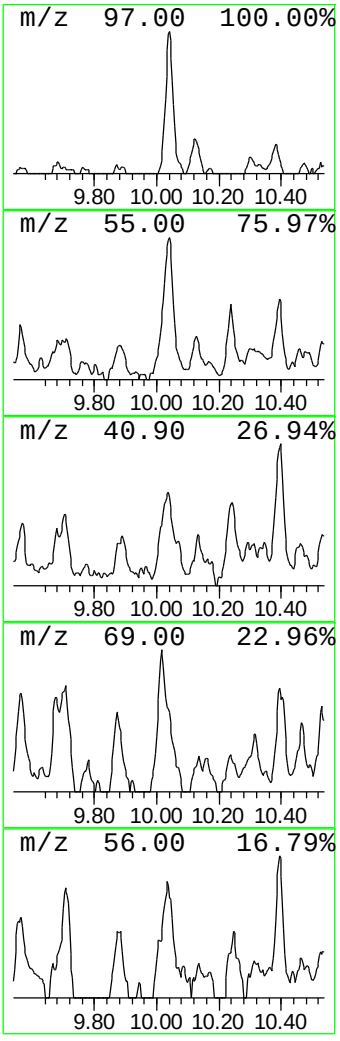
****

Peak Number 10 (DEL) Alkane: Cyclic10.04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	0.83 ug/L	56844	Chlorobenzene-d5	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	91
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

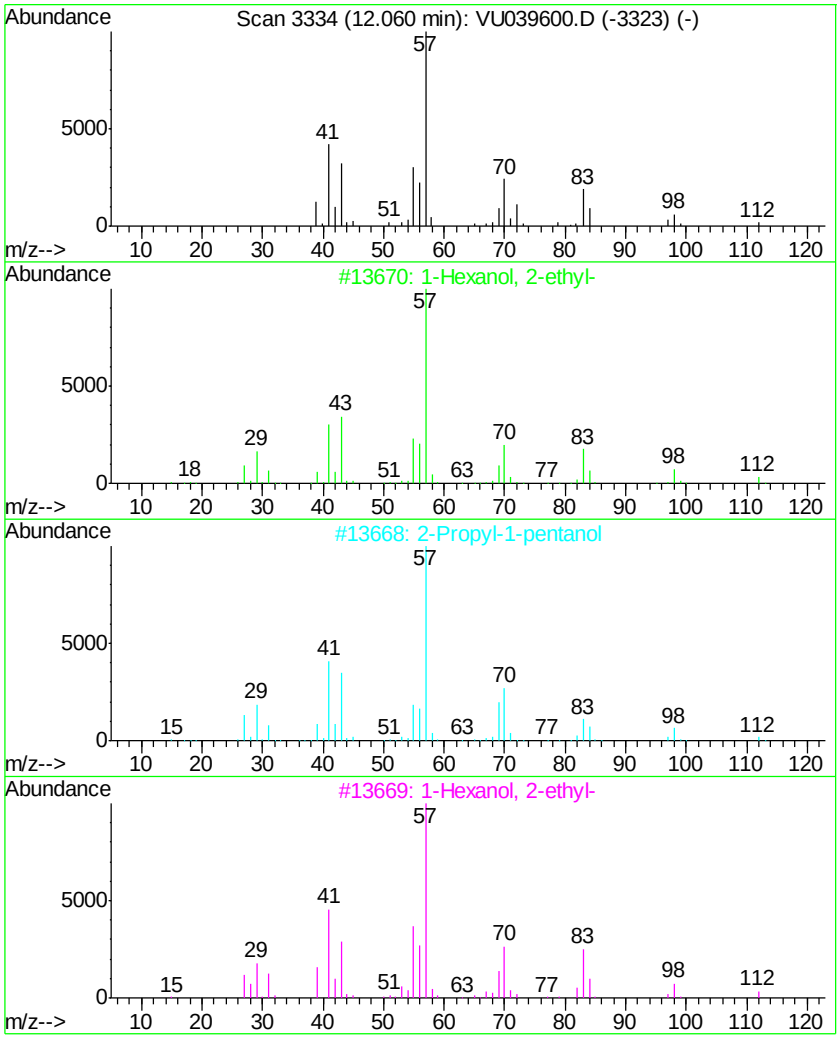
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

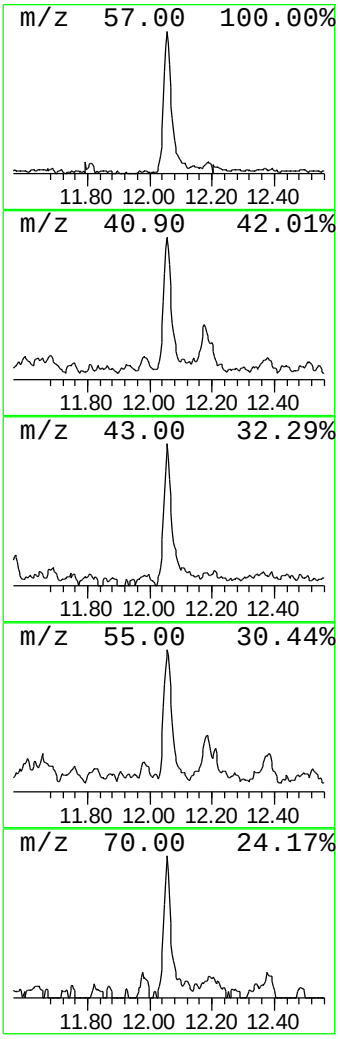
****

Peak Number 11 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	0.94 ug/L	63305	1,4-Dichlorobenzene-d4	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039600.D
Acq On : 21 Jul 2020 16:33
Operator : SY/MD
Sample : L3348-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAXZ1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.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	8.4	ug/L	481865	1	6.27	285602	5.0
(DEL) Alkane: Str...	1.74	1.1	ug/L	59962	1	6.27	285602	5.0
(DEL) Alkane: Str...	2.17	2.1	ug/L	121312	1	6.27	285602	5.0
(DEL) Alkane: Str...	2.23	2.4	ug/L	137882	1	6.27	285602	5.0
(DEL) Alkane: Cyc...	2.43	1.0	ug/L	55885	1	6.27	285602	5.0
(DEL) Alkane: Str...	3.61	1.3	ug/L	72822	1	6.27	285602	5.0
Ethyl Acetate	4.83	75.2	ug/L	4292600	1	6.27	285602	5.0
(DEL) Alkane: Cyc...	10.04	0.8	ug/L	56844	2	9.42	340770	5.0
1-Hexanol, 2-ethyl-	12.06	0.9	ug/L	63305	3	11.81	336931	5.0