LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073031.D
Acq On : 22 Jun 2022 17:42
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_N\methods\82N061722W.M
Title : SW846 8260

Signal : TIC: VN073031.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	61	68	69	rBV2	21770	44156	3.46%	0.432%
2	2.405	83	88	94	rBV	70063	109526	8.57%	1.071%
3	3.087	195	204	216	rVB2	147886	335174	26.23%	3.279%
4	3.457	260	267	274	rVB2	7418	15152	1.19%	0.148%
5	3.646	289	299	310	rVB5	6477	18692	1.46%	0.183%
6	4.228	380	398	419	rBV	45513	147110	11.51%	1.439%
7	4.504	436	445	458	rBV	21291	74157	5.80%	0.725%
8	4.999	516	529	534	rBV5	10982	38171	2.99%	0.373%
9	5.110	536	548	564	rVB	93783	347338	27.19%	3.398%
10	5.528	610	619	628	rBV4	9861	34033	2.66%	0.333%
11	7.069	870	881	895	rBV3	76119	226782	17.75%	2.218%
12	7.951	1020	1031	1036	rBV	190244	465162	36.41%	4.550%
13	8.016	1036	1042	1055	rVB	411061	937069	73.34%	9.167%
14	8.387	1092	1105	1121	rBV3	441528	1251597	97.96%	12.244%
15	8.904	1184	1193	1208	rVB	521040	1076762	84.28%	10.533%
16	9.904	1358	1363	1369	rBV4	7701	13516	1.06%	0.132%
17	10.375	1434	1443	1451	rBV	689012	1272572	99.60%	12.449%
18	10.439	1451	1454	1463	rVB	29397	49490	3.87%	0.484%
19	10.575	1469	1477	1484	rVB6	8329	18829	1.47%	0.184%
20	10.651	1484	1490	1496	rBV3	8175	13685	1.07%	0.134%
21	11.680	1657	1665	1677	rBV	724492	1277672	100.00%	12.499%
22	11.892	1691	1701	1707	rBV2	18826	37784	2.96%	0.370%
23	12.516	1802	1807	1813	rVB2	14442	22903	1.79%	0.224%
24	12.669	1825	1833	1845	rBV	589240	988593	77.37%	9.671%
25	12.857	1858	1865	1871	rBV2	25343	43032	3.37%	0.421%
26	13.610	1986	1993	2001	rBV	749231	1238608	96.94%	12.117%
27	13.704	2002	2009	2016	rVV	49023	93589	7.32%	0.916%
28	14.263	2097	2104	2111	rBV2	19013	31239	2.44%	0.306%

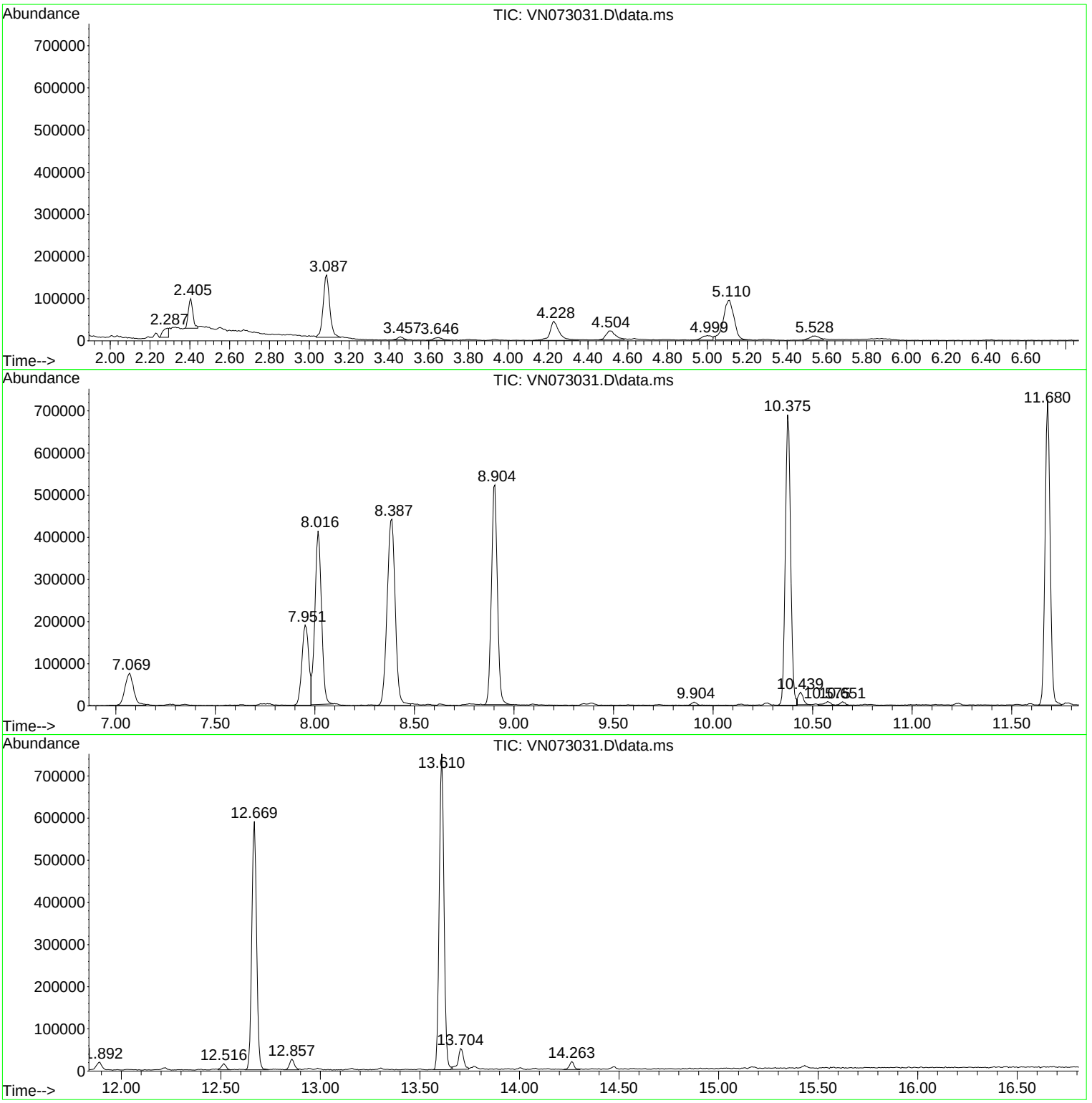
Sum of corrected areas: 10222393

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073031.D
Acq On : 22 Jun 2022 17:42
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073031.D
Acq On : 22 Jun 2022 17:42
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

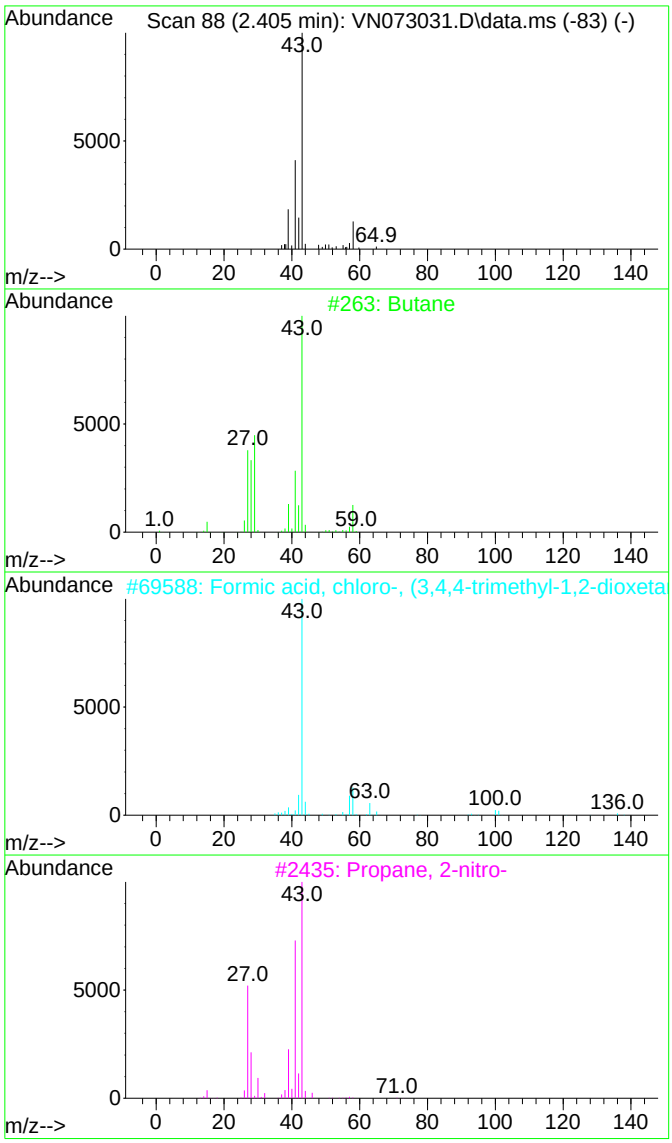
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

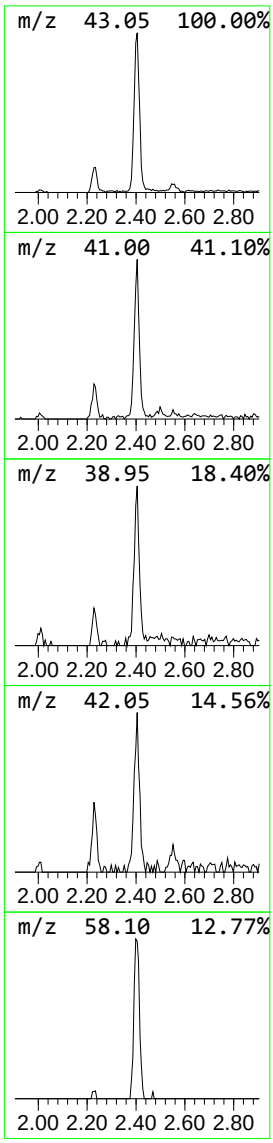
****

Peak Number 1 Butane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.405	5.84 ug/l	109526	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	59
2	Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	9
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
4	Hydrogen isocyanate	43	CHNO	000075-13-8	4
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073031.D
Acq On : 22 Jun 2022 17:42
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

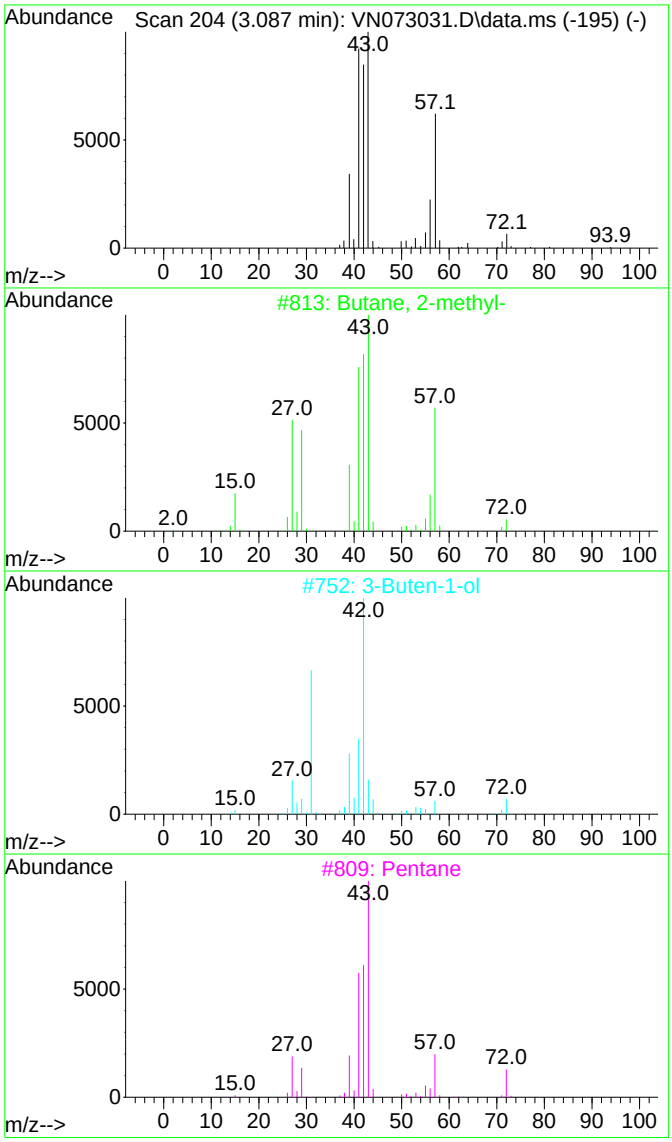
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

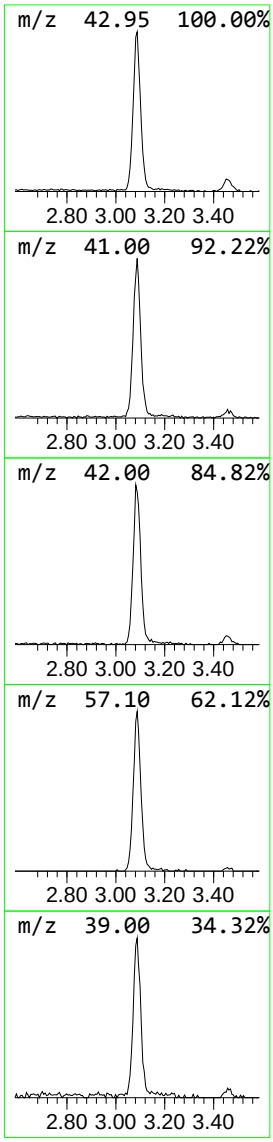
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	17.88 ug/l	335174	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	3-Buten-1-ol	72	C4H8O	000627-27-0	43
3	Pentane	72	C5H12	000109-66-0	42
4	Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073031.D
Acq On : 22 Jun 2022 17:42
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

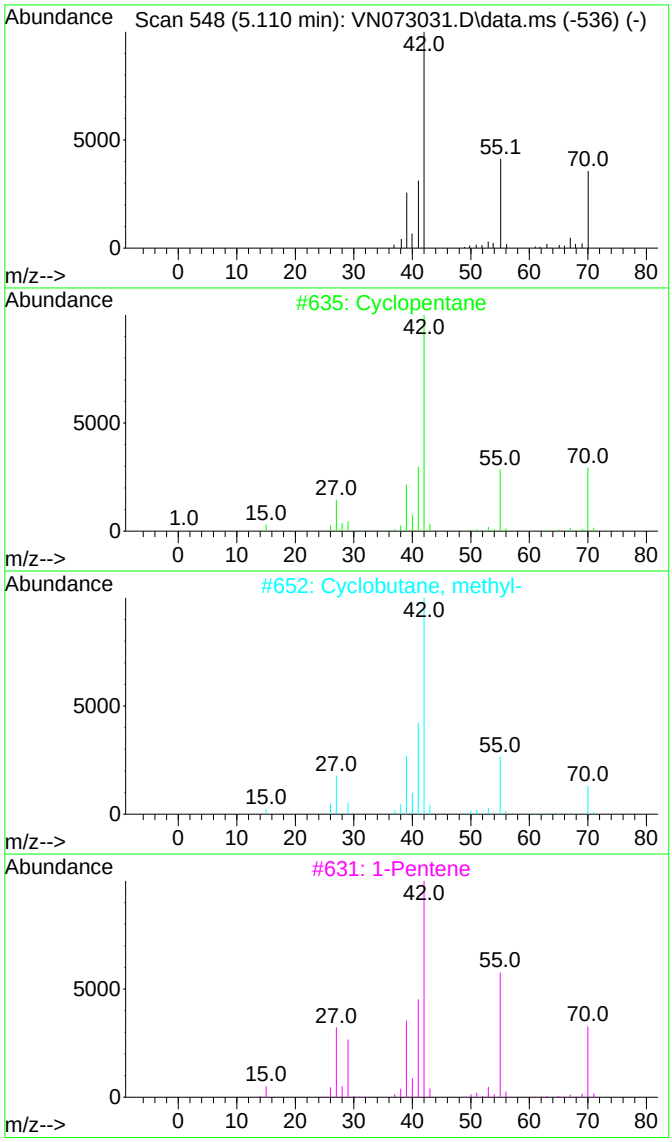
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

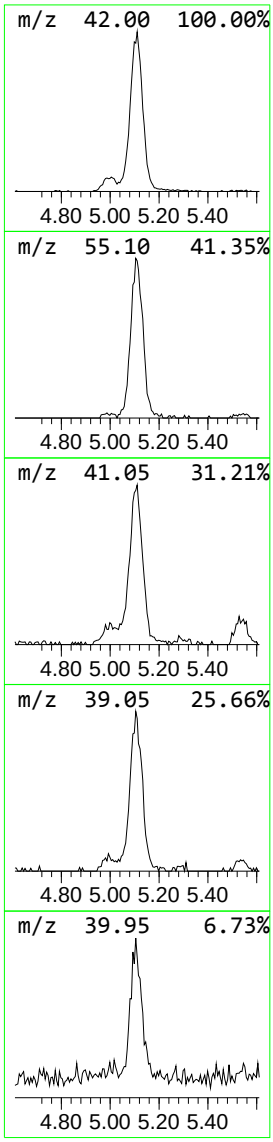
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	18.53 ug/l	347338	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
3	1-Pentene	70	C5H10	000109-67-1	56
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	38
5	Cyclobutanone	70	C4H6O	001191-95-3	7





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073031.D
Acq On : 22 Jun 2022 17:42
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

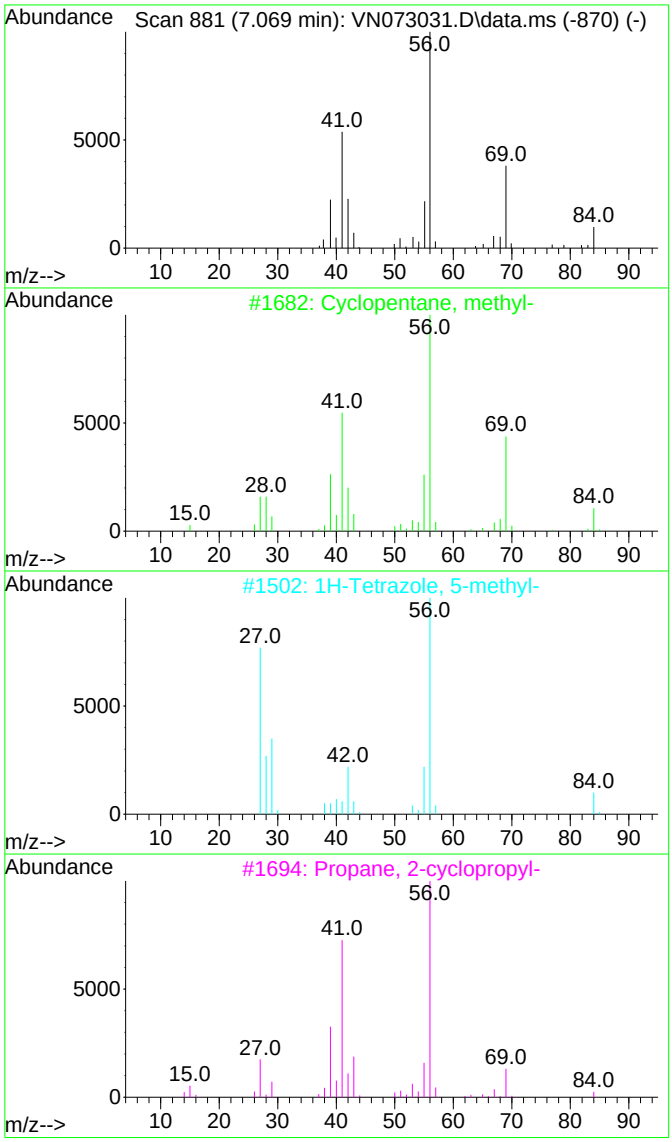
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

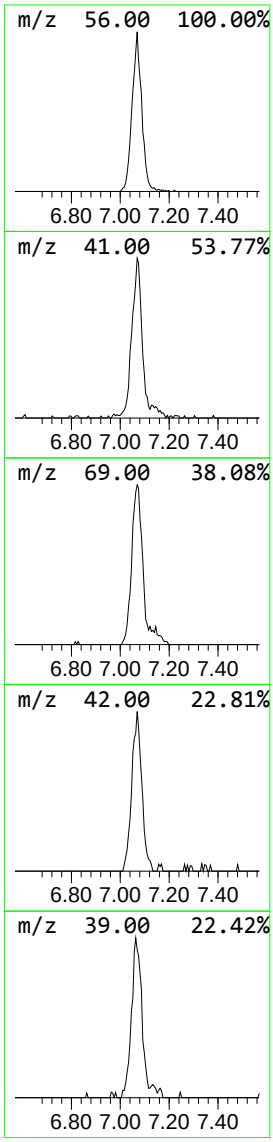
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	12.10 ug/l	226782	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
Data File : VN073031.D
Acq On : 22 Jun 2022 17:42
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	2.405	5.8	ug/l	109526	1	8.016	937069	50.0
Butane, 2-methyl-	3.087	17.9	ug/l	335174	1	8.016	937069	50.0
Cyclopentane	5.110	18.5	ug/l	347338	1	8.016	937069	50.0
Cyclopentane, m...	7.069	12.1	ug/l	226782	1	8.016	937069	50.0