LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
Data File : VN073052.D
Acq On : 23 Jun 2022 16:40
Operator : JC\MD
Sample : N3381-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 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: VN073052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	55	58	65	rVB2	11958	16988	1.15%	0.150%
2	2.316	65	73	74	rBV	20324	42240	2.86%	0.372%
3	2.404	82	88	94	rBV	72110	119839	8.13%	1.056%
4	3.087	196	204	218	rVB	155492	353062	23.94%	3.111%
5	3.640	291	298	311	rVB3	6082	18086	1.23%	0.159%
6	4.234	385	399	417	rBV2	47214	145611	9.87%	1.283%
7	4.510	436	446	457	rBV2	21229	70985	4.81%	0.626%
8	5.110	536	548	561	rVB2	99268	359858	24.40%	3.171%
9	5.539	609	621	631	rBV5	11296	45493	3.08%	0.401%
10	7.069	869	881	890	rBV2	83153	242094	16.42%	2.134%
11	7.951	1021	1031	1036	rBV	212984	517907	35.12%	4.564%
12	8.016	1036	1042	1053	rVV	457201	1068452	72.45%	9.416%
13	8.386	1093	1105	1118	rBV3	457948	1308988	88.76%	11.536%
14	8.904	1184	1193	1208	rVB	574686	1202715	81.56%	10.599%
15	10.269	1417	1425	1434	rBV4	6424	15211	1.03%	0.134%
16	10.374	1434	1443	1451	rVV	772017	1430731	97.02%	12.609%
17	10.439	1451	1454	1464	rVB2	21940	40973	2.78%	0.361%
18	10.574	1469	1477	1483	rVB4	8539	19081	1.29%	0.168%
19	10.651	1483	1490	1496	rBV4	8748	15493	1.05%	0.137%
20	11.680	1657	1665	1676	rBV	821474	1460179	99.01%	12.868%
21	12.516	1801	1807	1814	rVB	17367	31365	2.13%	0.276%
22	12.668	1826	1833	1846	rVB	685827	1156622	78.43%	10.193%
23	12.857	1858	1865	1875	rVB	28713	51832	3.51%	0.457%
24	13.610	1986	1993	2001	rBV	887200	1474705	100.00%	12.996%
25	13.704	2005	2009	2017	rVV	57092	103316	7.01%	0.911%
26	14.262	2099	2104	2110	rVB	22189	35248	2.39%	0.311%

Sum of corrected areas: 11347074

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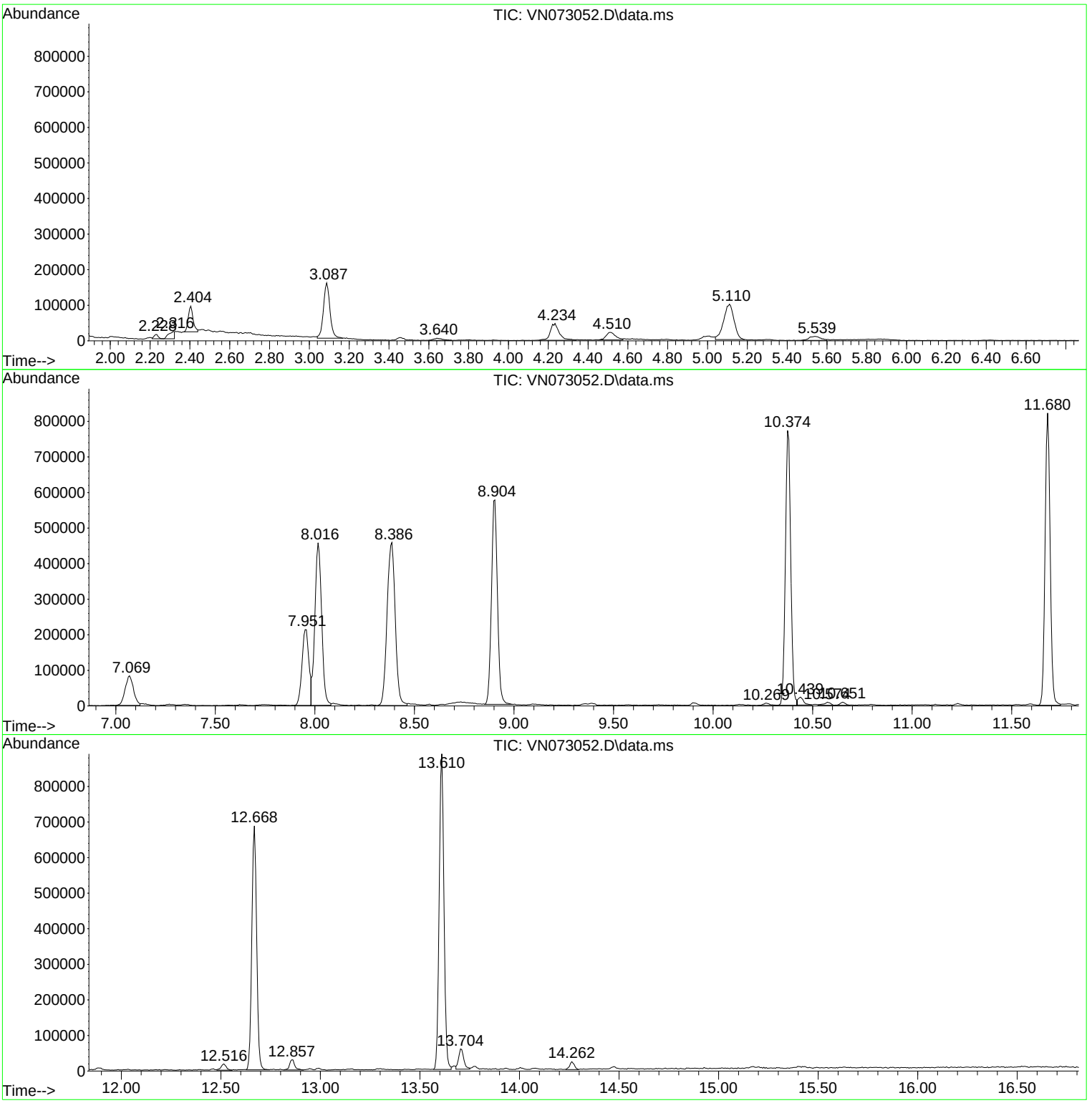
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260

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



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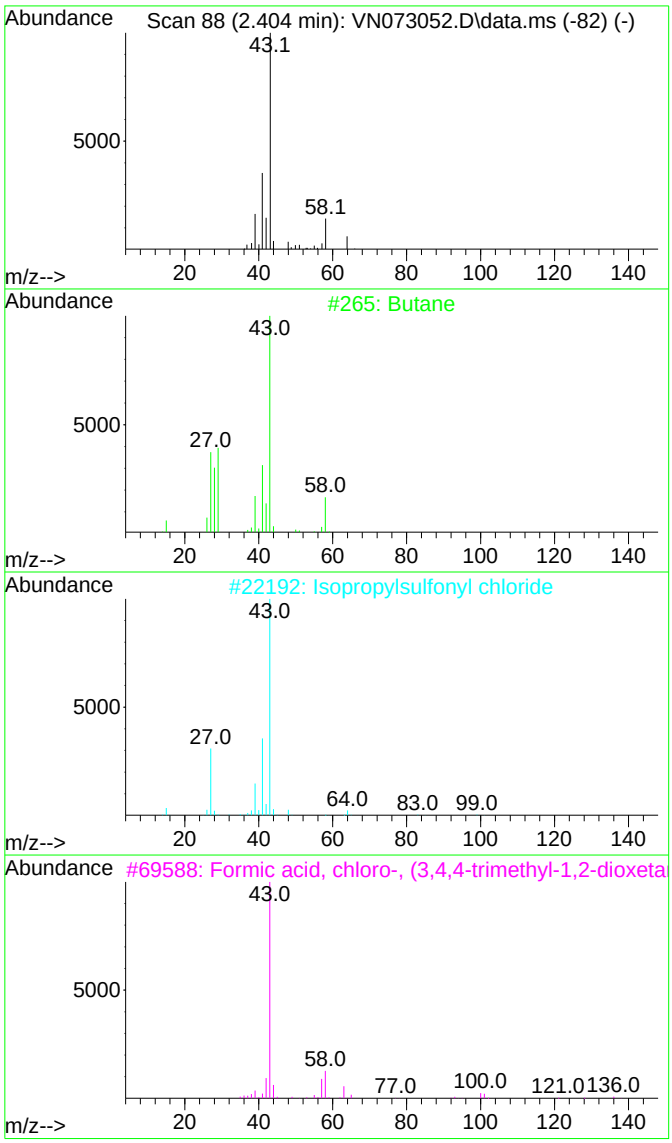
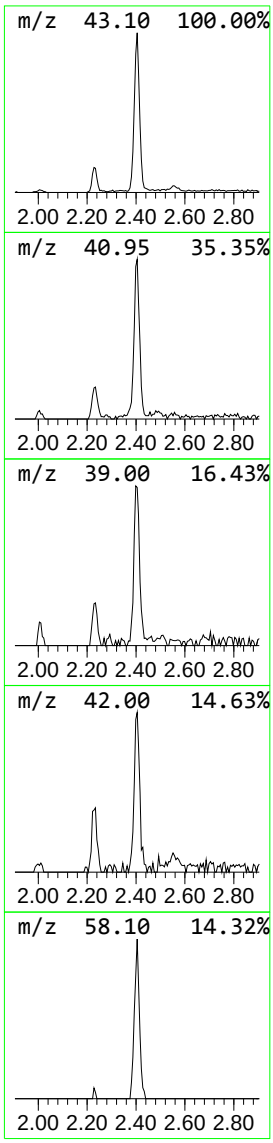
****
Peak Number 1 Butane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.404	5.61 ug/l	119839	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	53
2	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	38
3	Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	9
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4





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Quant Title : SW846 8260

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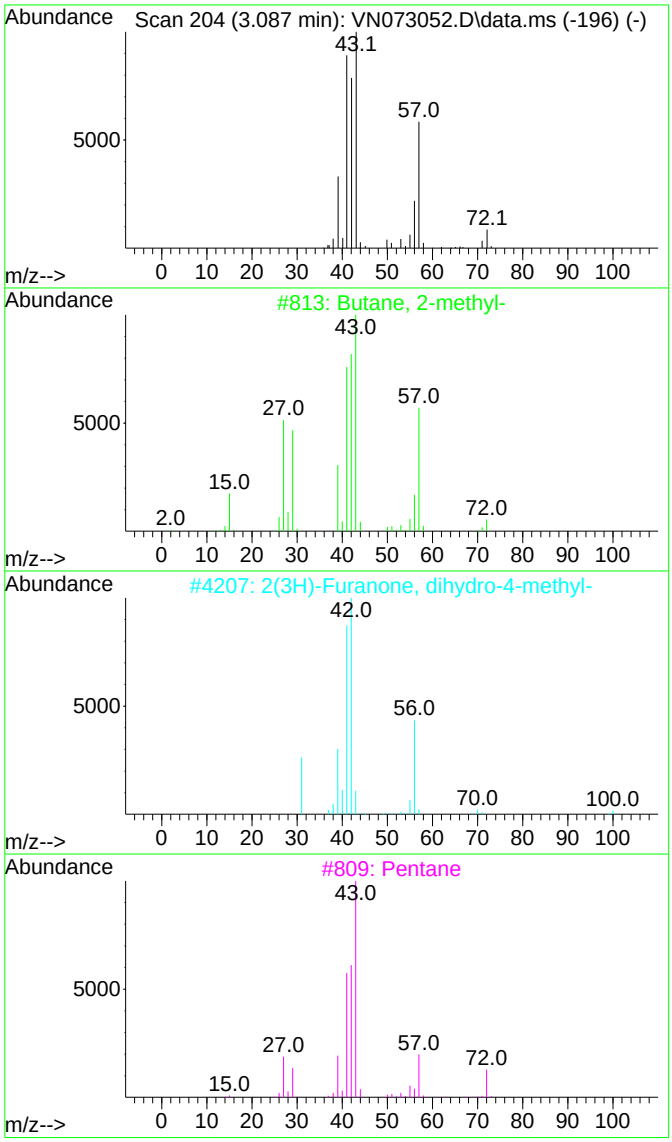
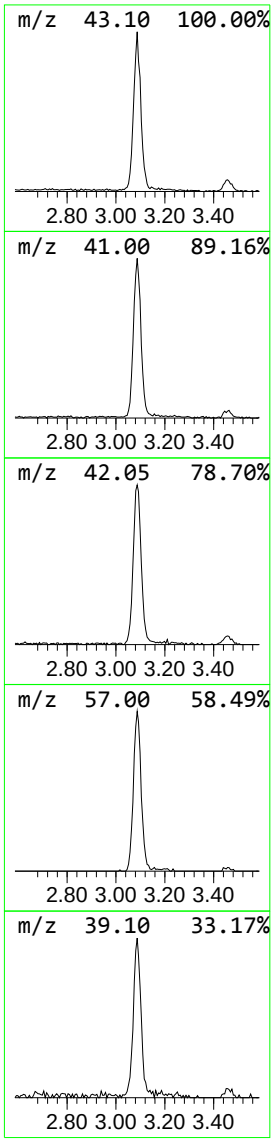
****
Peak Number 2 Butane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	16.52 ug/l	353062	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
3	Pentane	72	C5H12	000109-66-0	33
4	3-Buten-1-ol	72	C4H8O	000627-27-0	28
5	2,5-Furandione, dihydro-3-methyl-	114	C5H6O3	004100-80-5	25





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Instrument :
MSVOA_N
ClientSampleId :
MW-7A

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

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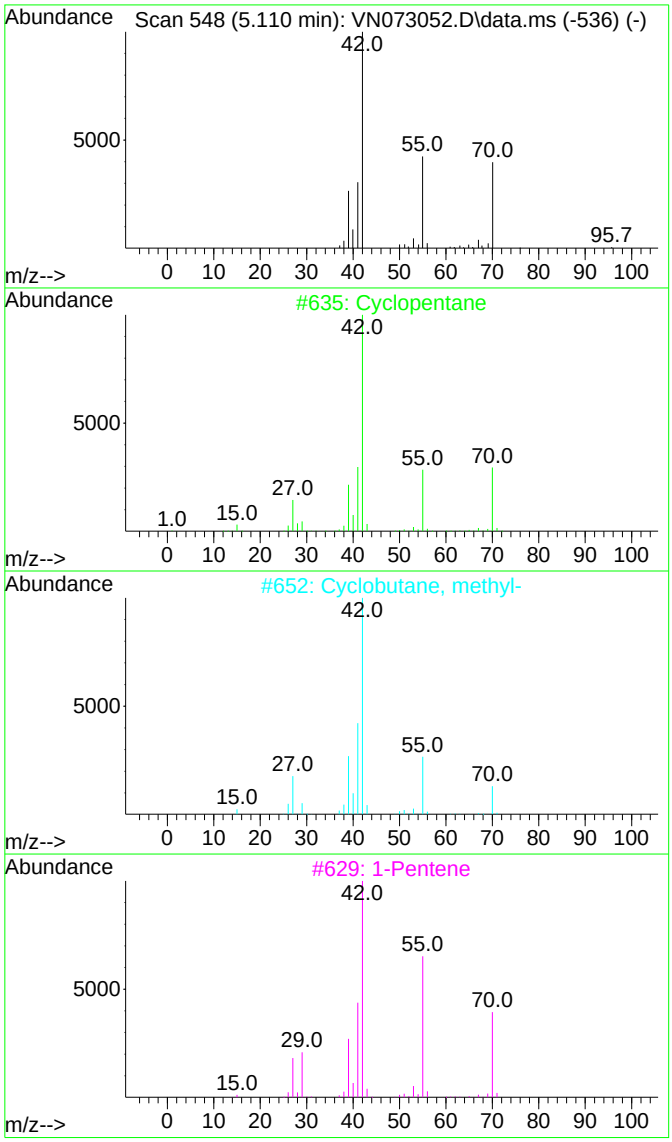
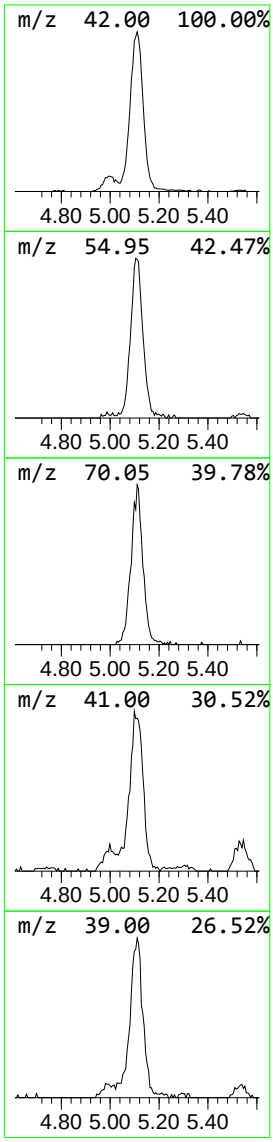
****
Peak Number 3 Cyclopentane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	16.84 ug/l	359858	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	90
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
3	1-Pentene	70	C5H10	000109-67-1	72
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	38
5	2H-Tetrazole, 2,5-dimethyl-	98	C3H6N4	004135-93-7	9





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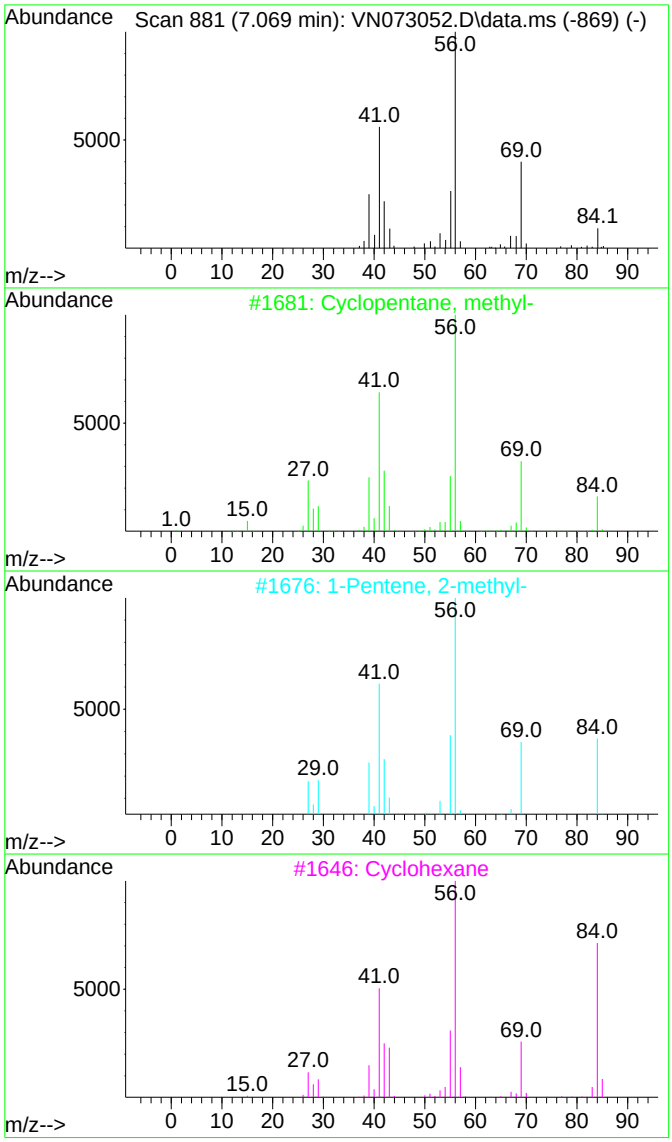
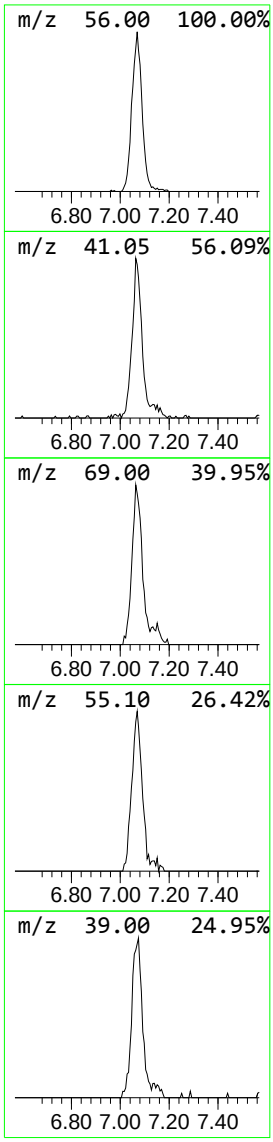
****
Peak Number 4 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	11.33 ug/l	242094	Pentafluorobenzene	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	2.404	5.6	ug/l	119839	1	8.016	1068450	50.0
Butane, 2-methyl-	3.087	16.5	ug/l	353062	1	8.016	1068450	50.0
Cyclopentane	5.110	16.8	ug/l	359858	1	8.016	1068450	50.0
Cyclopentane, m...	7.069	11.3	ug/l	242094	1	8.016	1068450	50.0