

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101720\
 Data File : VU040788.D
 Acq On : 18 Oct 2020 01:50
 Operator : SY/MD
 Sample : L4354-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ39

Quant Time: Oct 19 05:29:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 19 03:08:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119542	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35287	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.93	69	33877	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	55365	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.67	46	187217	59.06	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.12%
24) Chloroform-d	5.08	84	84061	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	55871	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.74	84	148308	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	53643	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	111950	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.19	79	18347	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.64	63	117907	48.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50043	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	47416	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

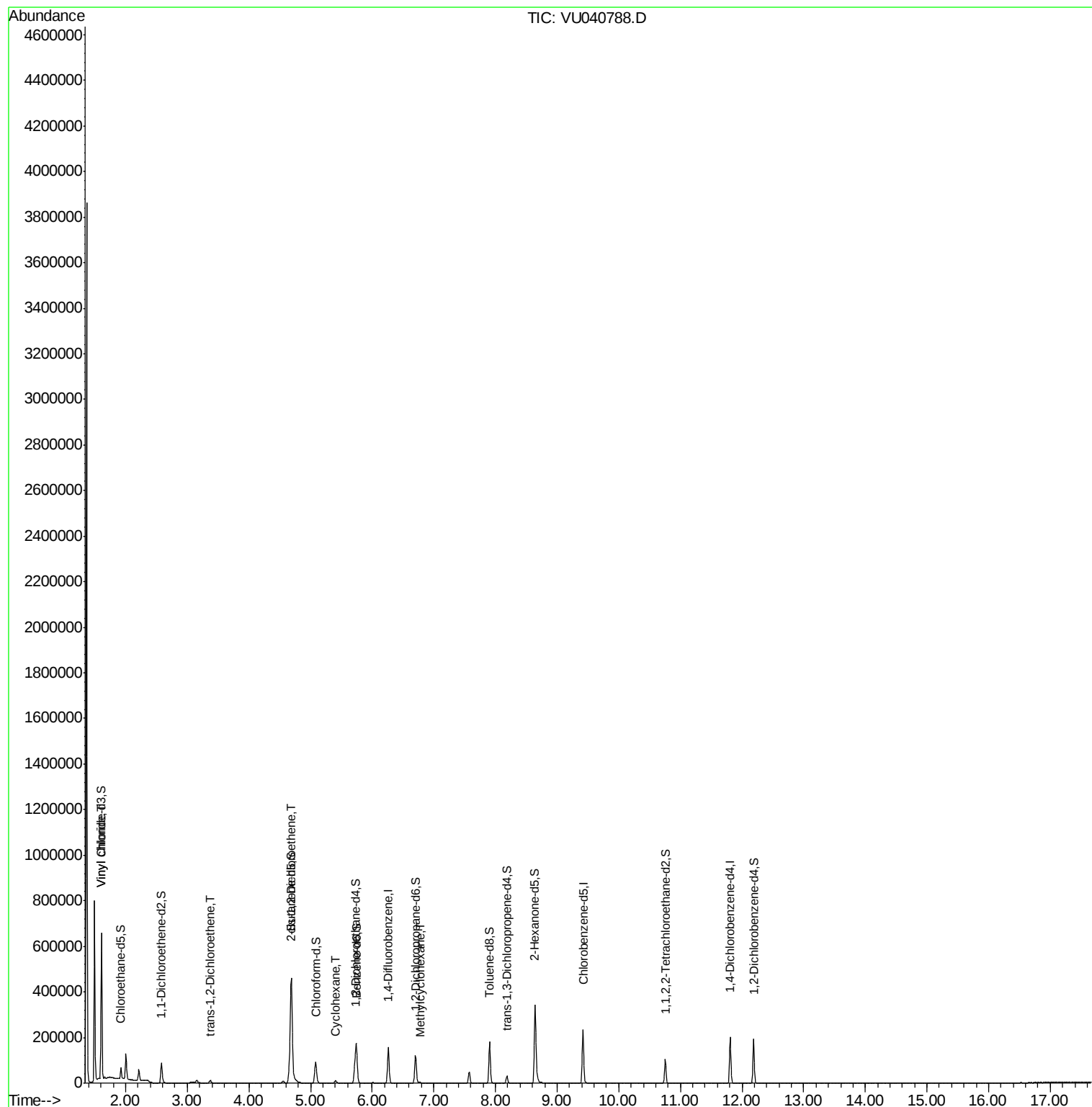
					Ovalue
5) Vinyl chloride	1.61	62	113850	10.673	ug/L 89
18) trans-1,2-Dichloroethene	3.38	96	3434	0.385	ug/L 91
22) cis-1,2-Dichloroethene	4.69	96	202694	21.051	ug/L 96
30) Cyclohexane	5.40	56	4754	0.307	ug/L 97
35) Methylcyclohexane	6.77	83	2062	0.140	ug/L # 86

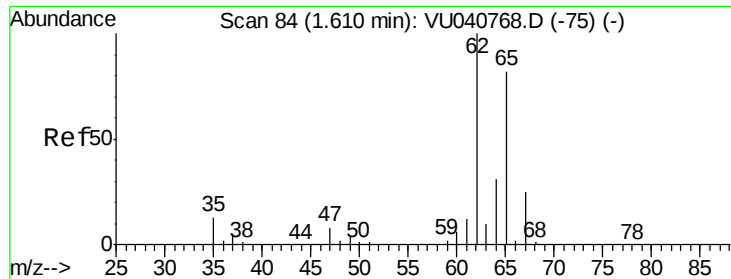
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101720\
Data File : VU040788.D
Acq On : 18 Oct 2020 01:50
Operator : SY/MD
Sample : L4354-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETZ39

Quant Time: Oct 19 05:29:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.673 ug/L

RT: 1.61 min Scan# 85

Delta R.T. 0.00 min

Lab File: VU040788.D

Acq: 18 Oct 2020 01:50

Instrument :

MSVOA_U

ClientSampleId :

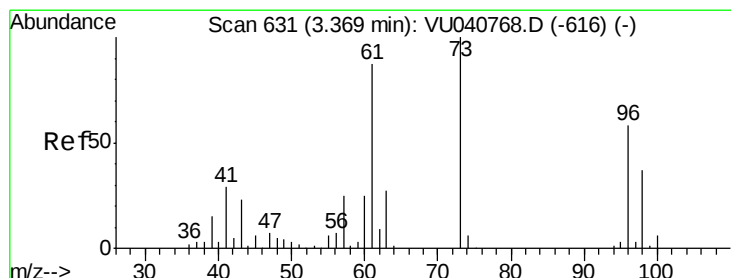
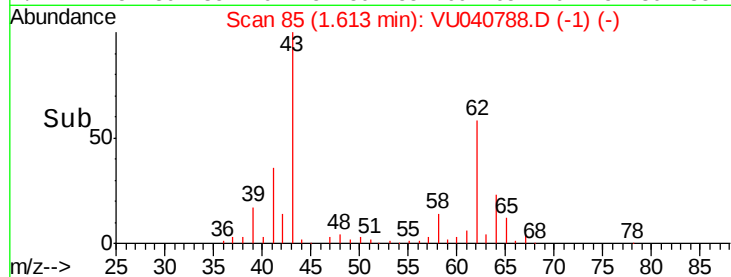
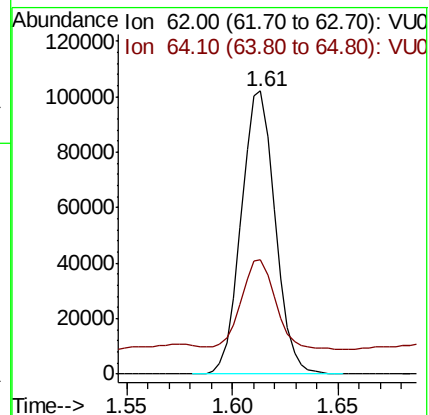
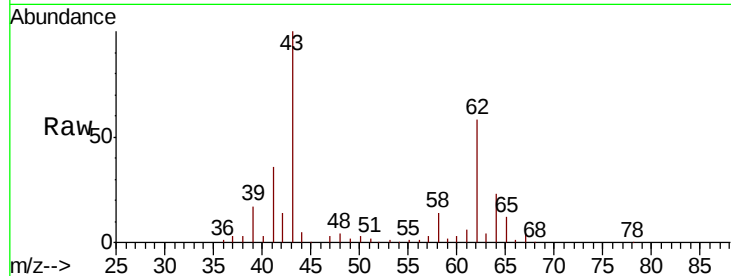
ETZ39

Tot Ion: 62 Resp: 113850

Ion Ratio Lower Upper

62 100

64 40.3 23.7 44.1



#18

trans-1,2-Dichloroethene

Concen: 0.385 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU040788.D

Acq: 18 Oct 2020 01:50

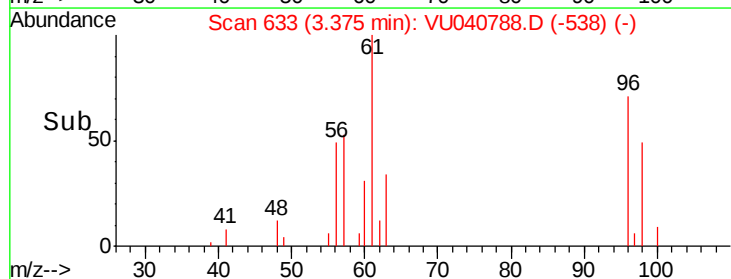
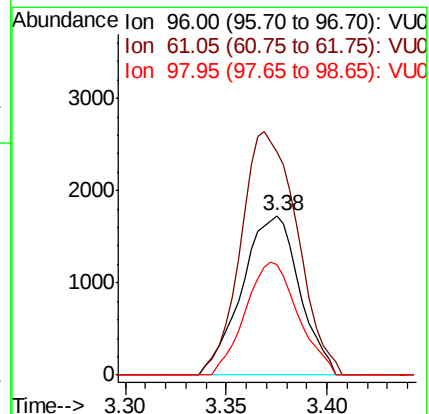
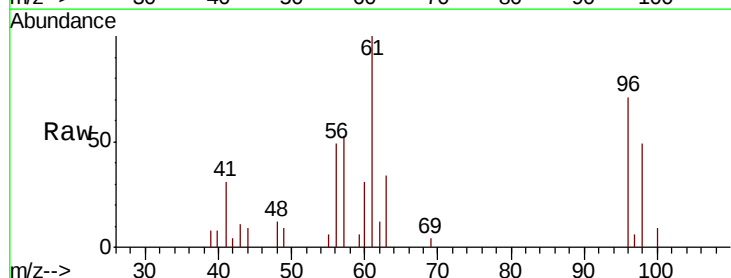
Tgt Ion: 96 Resp: 3434

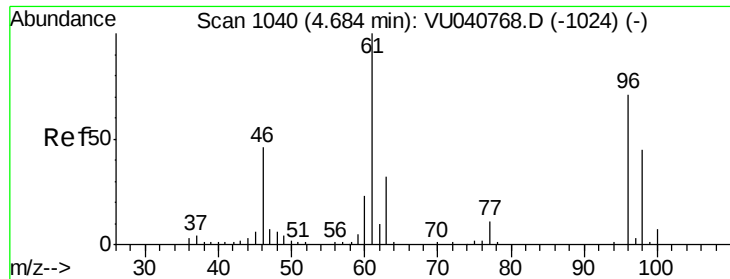
Ion Ratio Lower Upper

96 100

61 140.4 105.9 196.7

98 69.2 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 21.051 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040788.D

Acq: 18 Oct 2020 01:50

Instrument :
MSVOA_U
ClientSampleId :
ETZ39

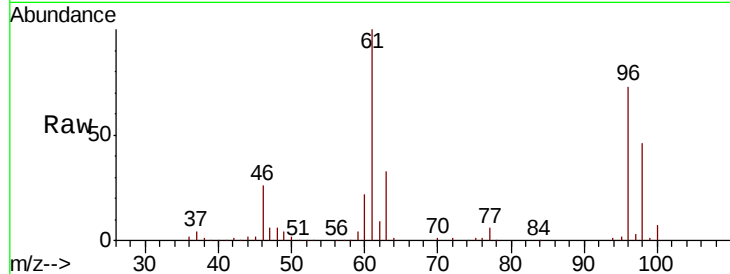
Tot Ion: 96 Resp: 202694

Ion Ratio Lower Upper

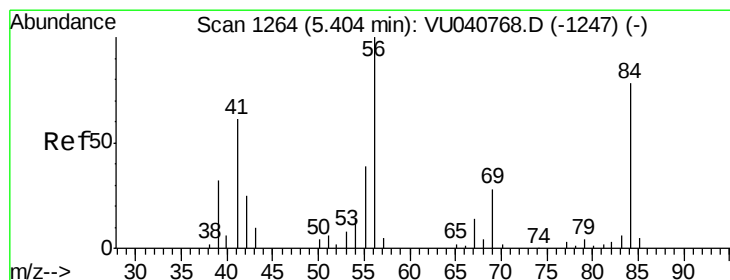
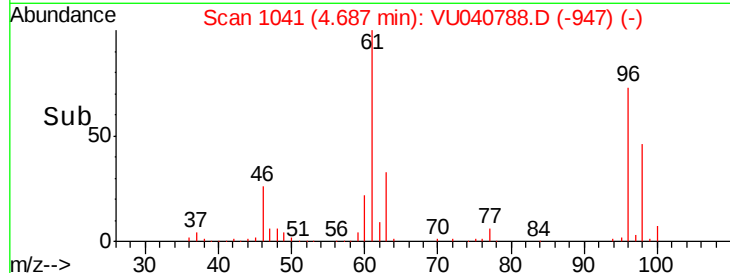
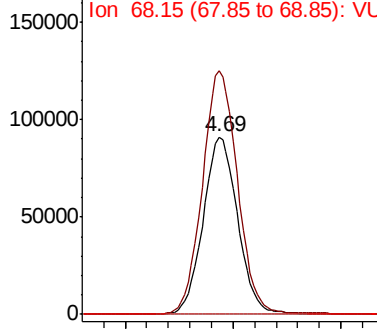
96 100

61 137.5 99.8 185.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#30

Cyclohexane

Concen: 0.307 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU040788.D

Acq: 18 Oct 2020 01:50

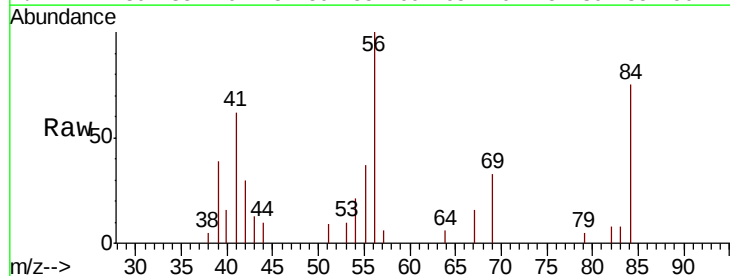
Tgt Ion: 56 Resp: 4754

Ion Ratio Lower Upper

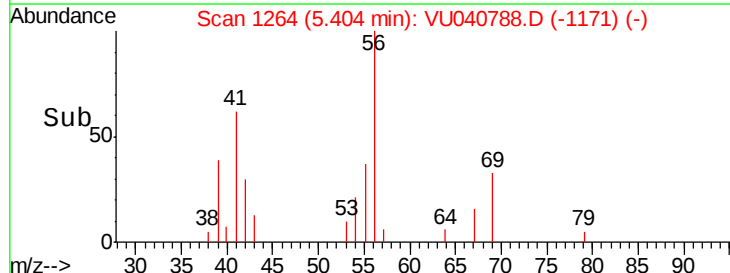
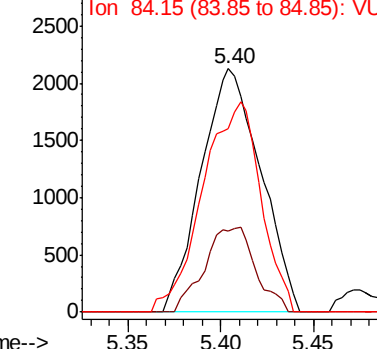
56 100

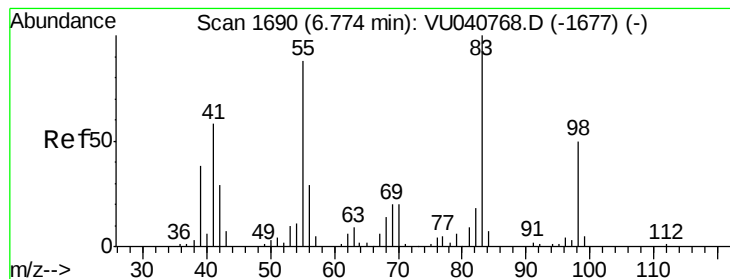
69 29.8 23.8 35.8

84 83.9 64.0 96.0



Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

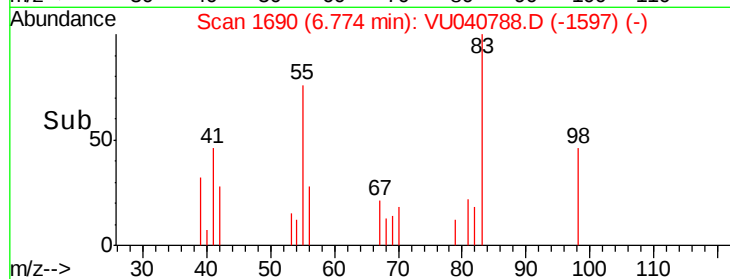
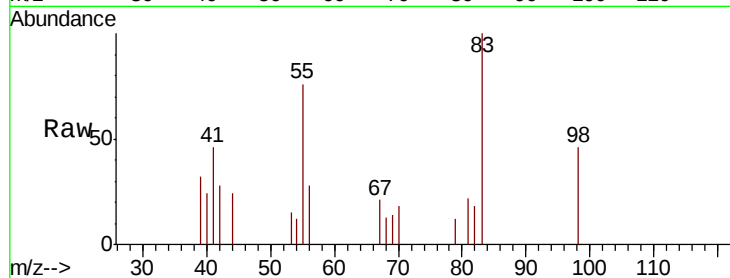




#35
 Methvlcvclohexane
 Concen: 0.140 ug/L
 RT: 6.77 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: VU040788.D
 Acq: 18 Oct 2020 01:50

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ39

Tot Ion: 83 Resp: 2062
 Ion Ratio Lower Upper
 83 100
 55 78.3 70.7 106.1
 98 33.7 38.4 57.6#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

