

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037463.D
 Acq On : 30 Mar 2020 15:08
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:19:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	110135	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	103642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31501	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.93	69	28377	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.59	63	48897	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.67	46	100924	45.55	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.10%
24) Chloroform-d	5.11	84	58683	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.74	65	37498	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.76	84	128645	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.72	67	42870	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.92	98	115365	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.20	79	18777	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.66	63	87223	47.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35609	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	43911	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

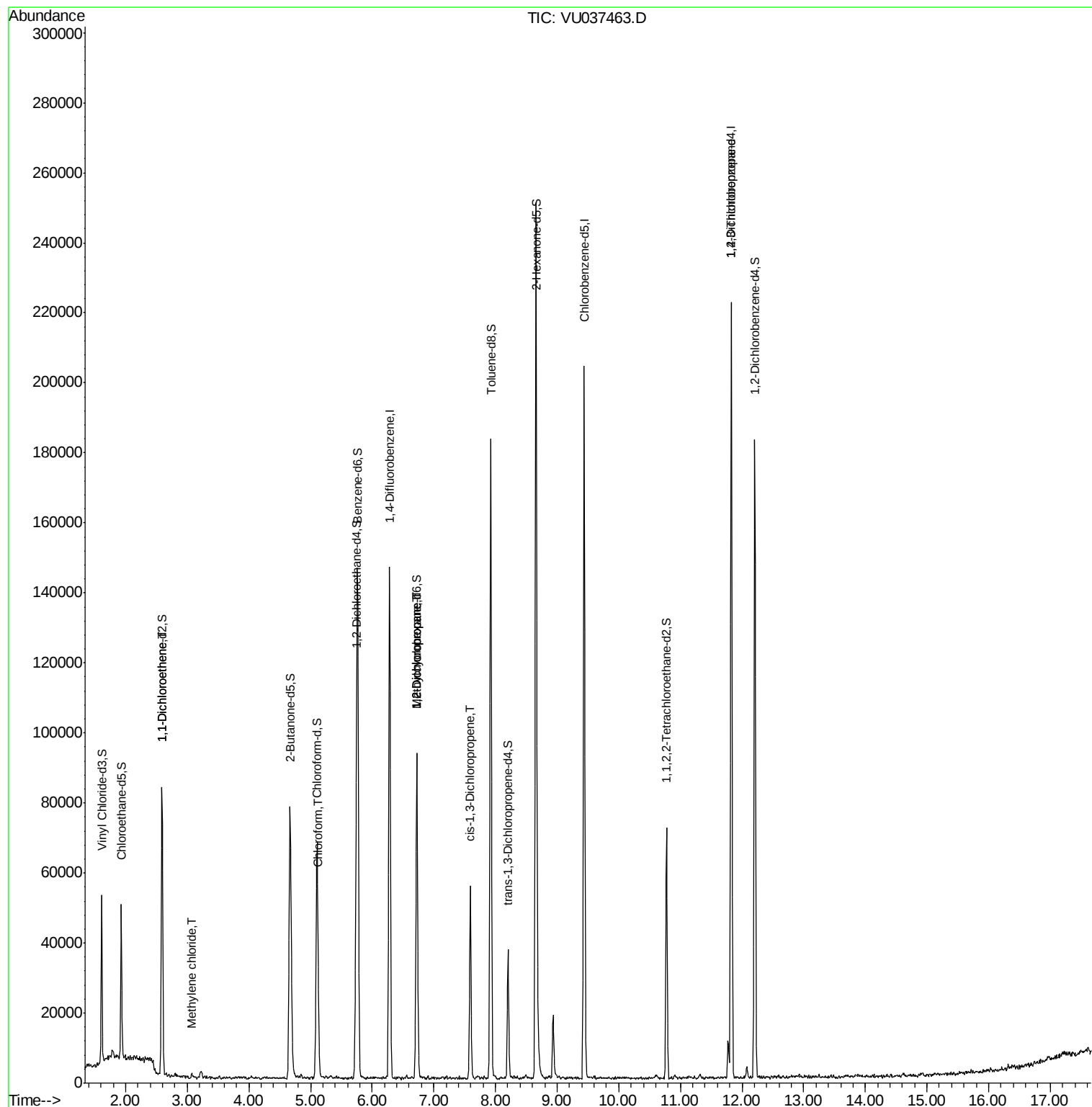
					Ovalue
12) 1,1-Dichloroethene	2.59	96	489	0.068 ug/L #	1
16) Methylene chloride	3.08	84	531	0.066 ug/L #	68
25) Chloroform	5.13	83	7279	0.489 ug/L	96
35) Methylcyclohexane	6.72	83	9779	0.707 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	5032	0.634 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1362	0.105 ug/L #	51
59) 1,2,3-Trichloropropane	11.83	75	7347	1.331 ug/L	93

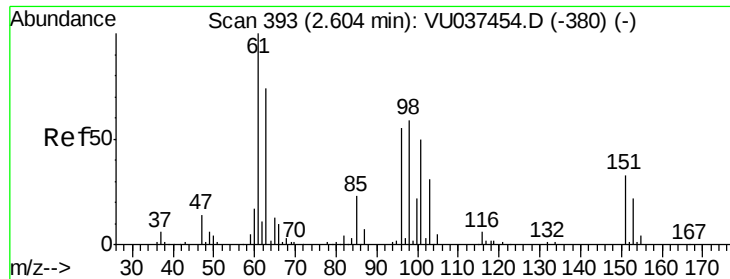
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU037463.D

Acq: 30 Mar 2020 15:08

Instrument :

MSVOA_U

ClientSampleId :

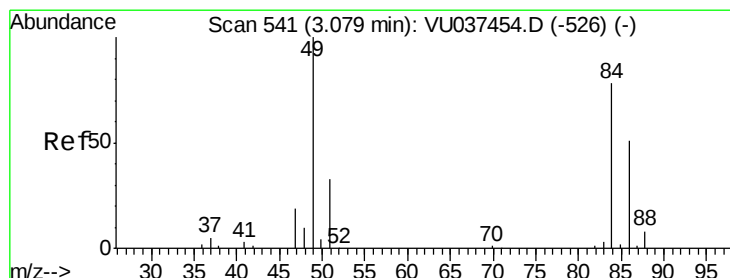
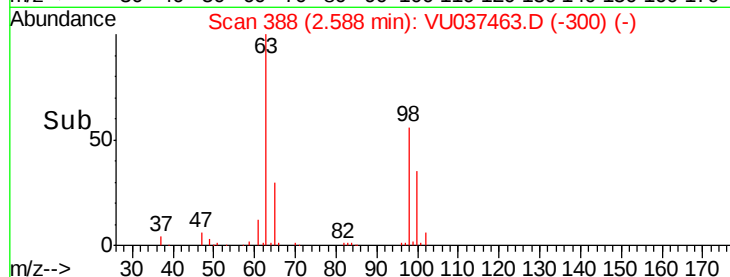
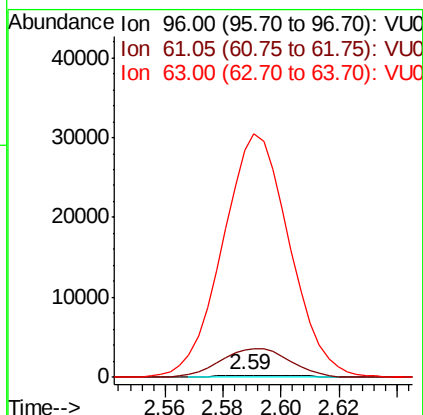
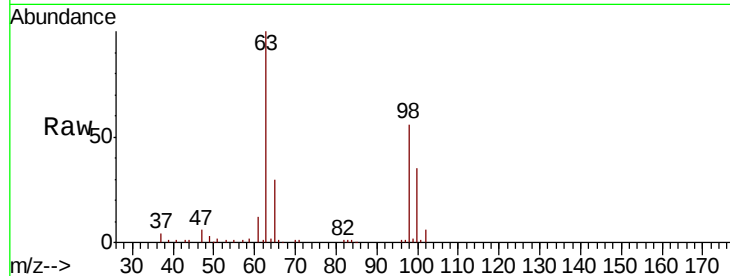
Tot Ion: 96 Resp: 489

Ion Ratio Lower Upper

96 100

61 1207.2 125.4 232.8#

63 10173.5 90.9 168.7#



#16

Methylene chloride

Concen: 0.066 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037463.D

Acq: 30 Mar 2020 15:08

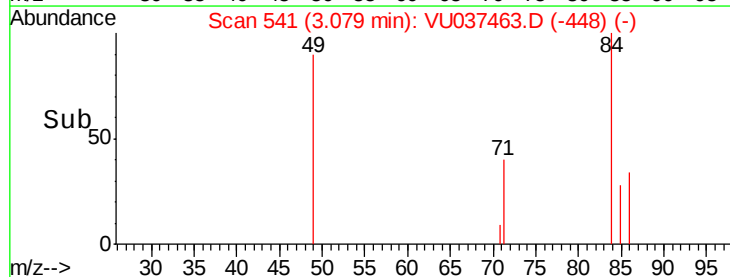
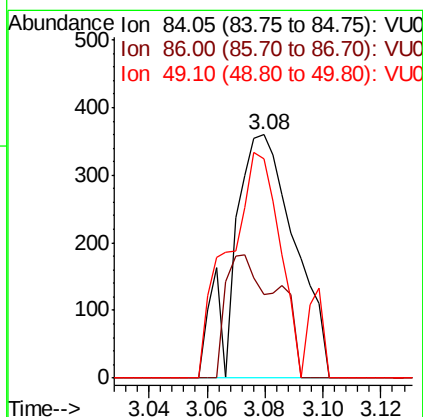
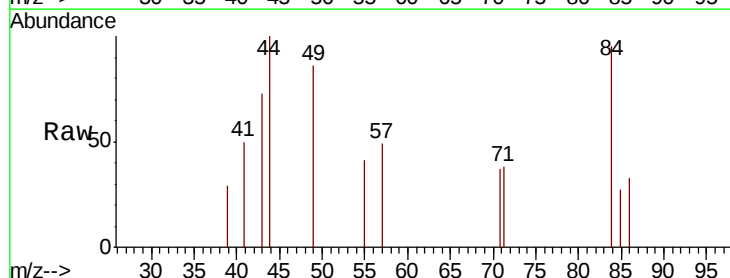
Tgt Ion: 84 Resp: 531

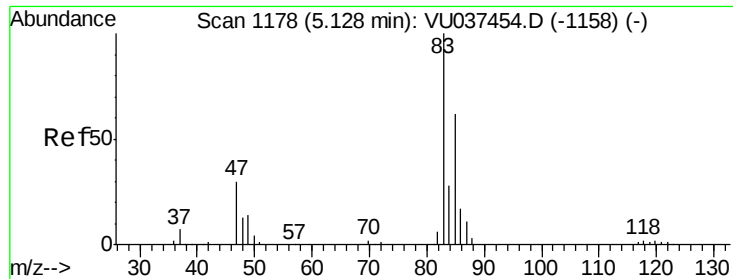
Ion Ratio Lower Upper

84 100

86 34.2 43.6 81.0#

49 90.3 86.4 160.4

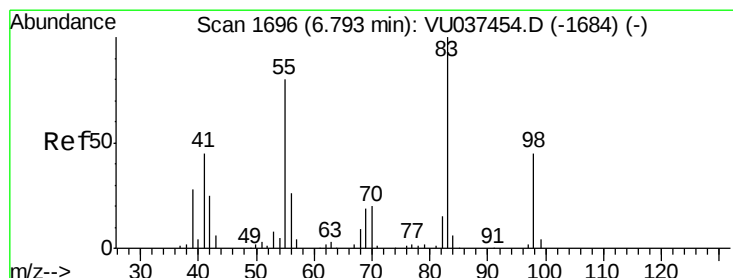
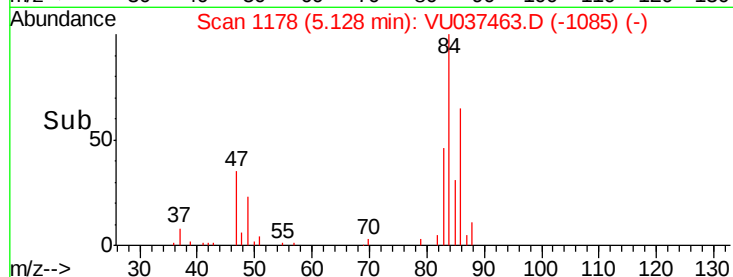
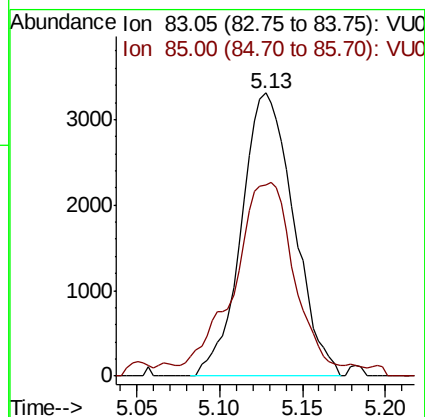
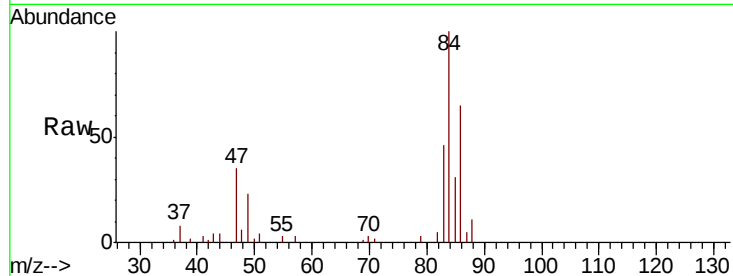




#25
Chloroform
Concen: 0.489 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037463.D
Acq: 30 Mar 2020 15:08

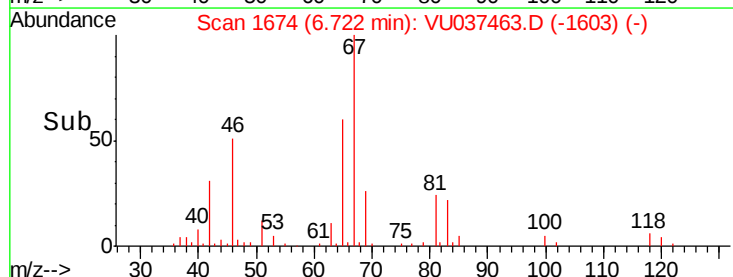
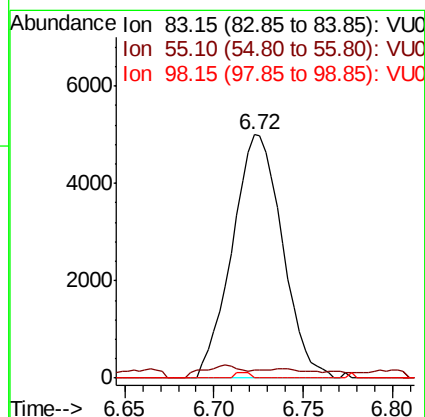
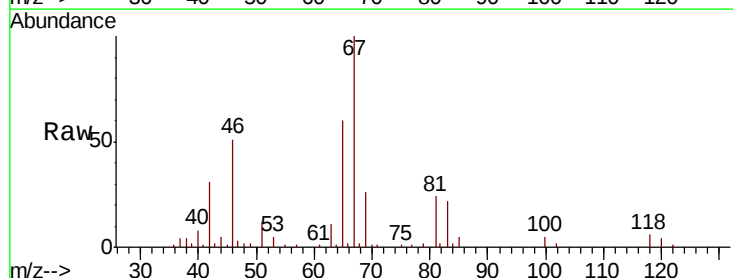
Instrument :
MSVOA_U
ClientSampleId :

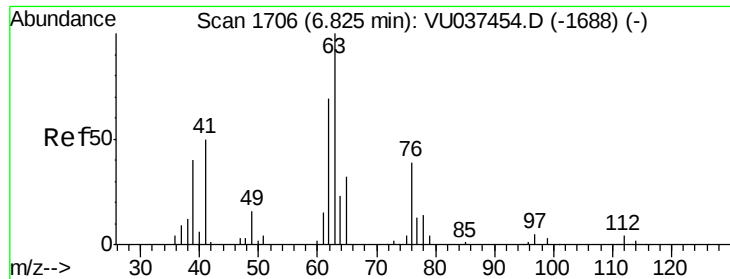
Tot Ion: 83 Resp: 7279
Ion Ratio Lower Upper
83 100
85 67.7 45.4 84.4



#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037463.D
Acq: 30 Mar 2020 15:08

Tgt Ion: 83 Resp: 9779
Ion Ratio Lower Upper
83 100
55 4.1 64.2 96.4#
98 0.7 36.3 54.5#

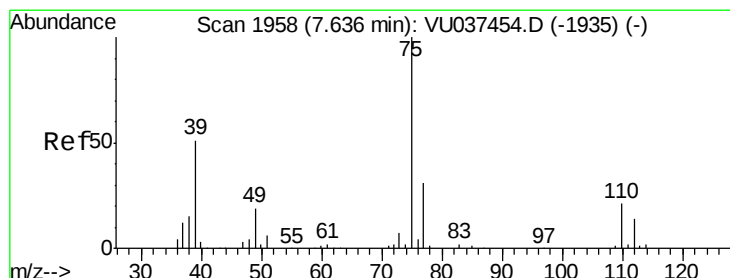
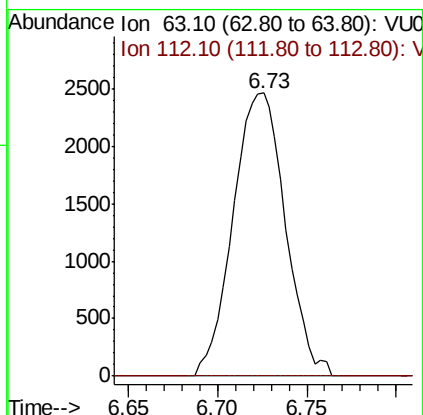
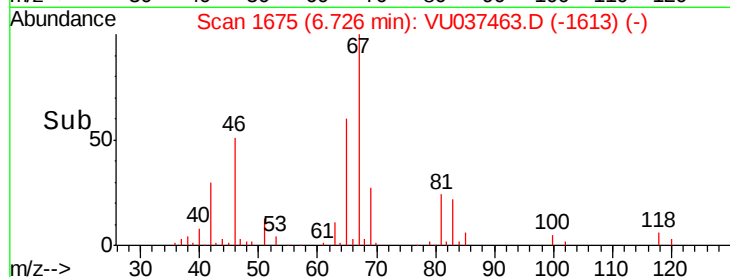
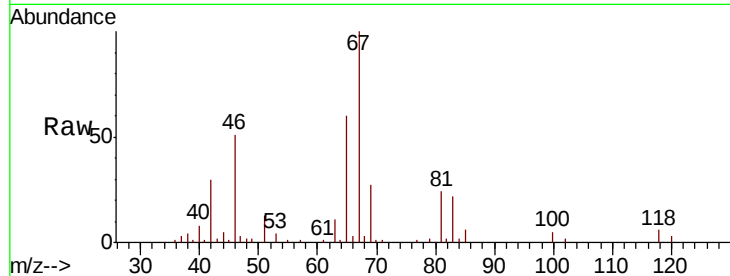




#37
 1,2-Dichloropropane
 Concen: 0.634 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037463.D
 Acq: 30 Mar 2020 15:08

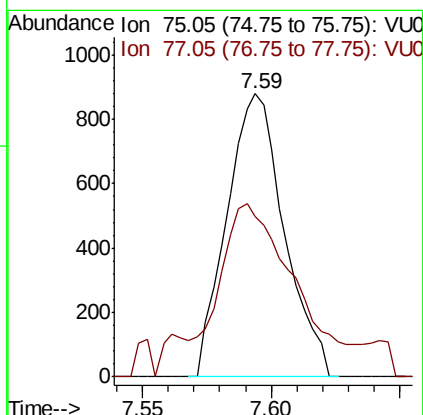
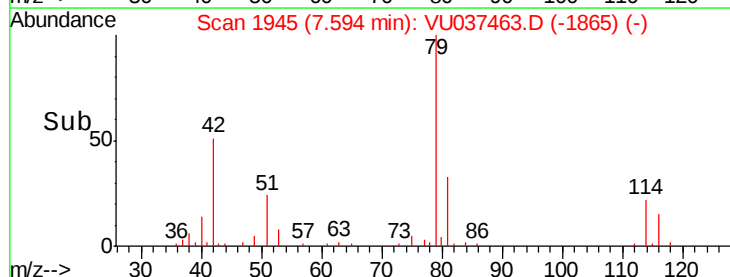
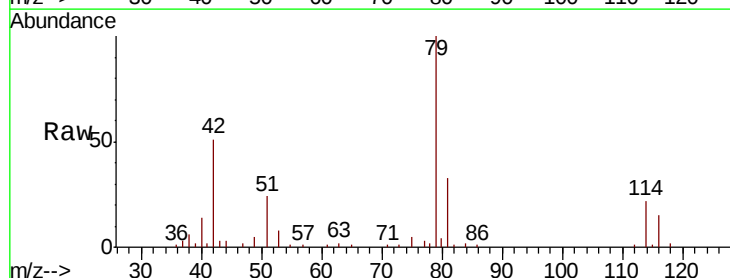
Instrument :
 MSVOA_U
 ClientSampled :

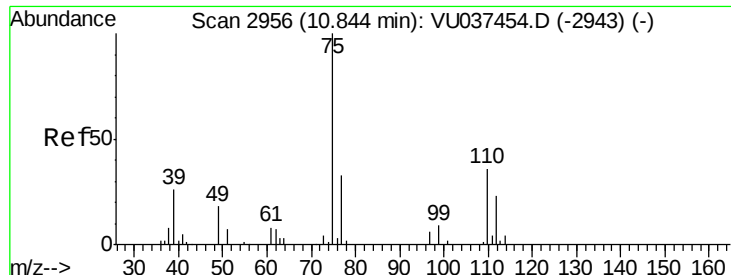
Tot Ion: 63 Resp: 5032
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037463.D
 Acq: 30 Mar 2020 15:08

Tgt Ion: 75 Resp: 1362
 Ion Ratio Lower Upper
 75 100
 77 56.9 21.1 39.3#





#59
 1,2,3-Trichloropropane
 Concen: 1.331 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037463.D
 Acq: 30 Mar 2020 15:08

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 7347
 Ion Ratio Lower Upper
 75 100
 77 38.6 27.4 41.2

