

Data File : VU036671.D
Acq On : 03 Feb 2020 14:19
Operator : JC/MD
Sample : VU0203WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK56

Quant Time: Feb 04 00:55:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 00:53:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	268662	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252730	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	110109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112812	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.12%
7) Chloroethane-d5	1.93	69	97332	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.70%
11) 1,1-Dichloroethene-d2	2.59	63	140203	36.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.14%
21) 2-Butanone-d5	4.68	46	133019	88.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.21%
24) Chloroform-d	5.11	84	160869	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
26) 1,2-Dichloroethane-d4	5.75	65	119168	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
32) Benzene-d6	5.77	84	385192	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
36) 1,2-Dichloropropane-d6	6.73	67	127229	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	7.93	98	355285	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%
43) trans-1,3-Dichloropropene-	8.21	79	59794	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.76%
47) 2-Hexanone-d5	8.67	63	145140	103.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.55%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	176267	49.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.64%
64) 1,2-Dichlorobenzene-d4	12.21	152	117506	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%

Target Compounds

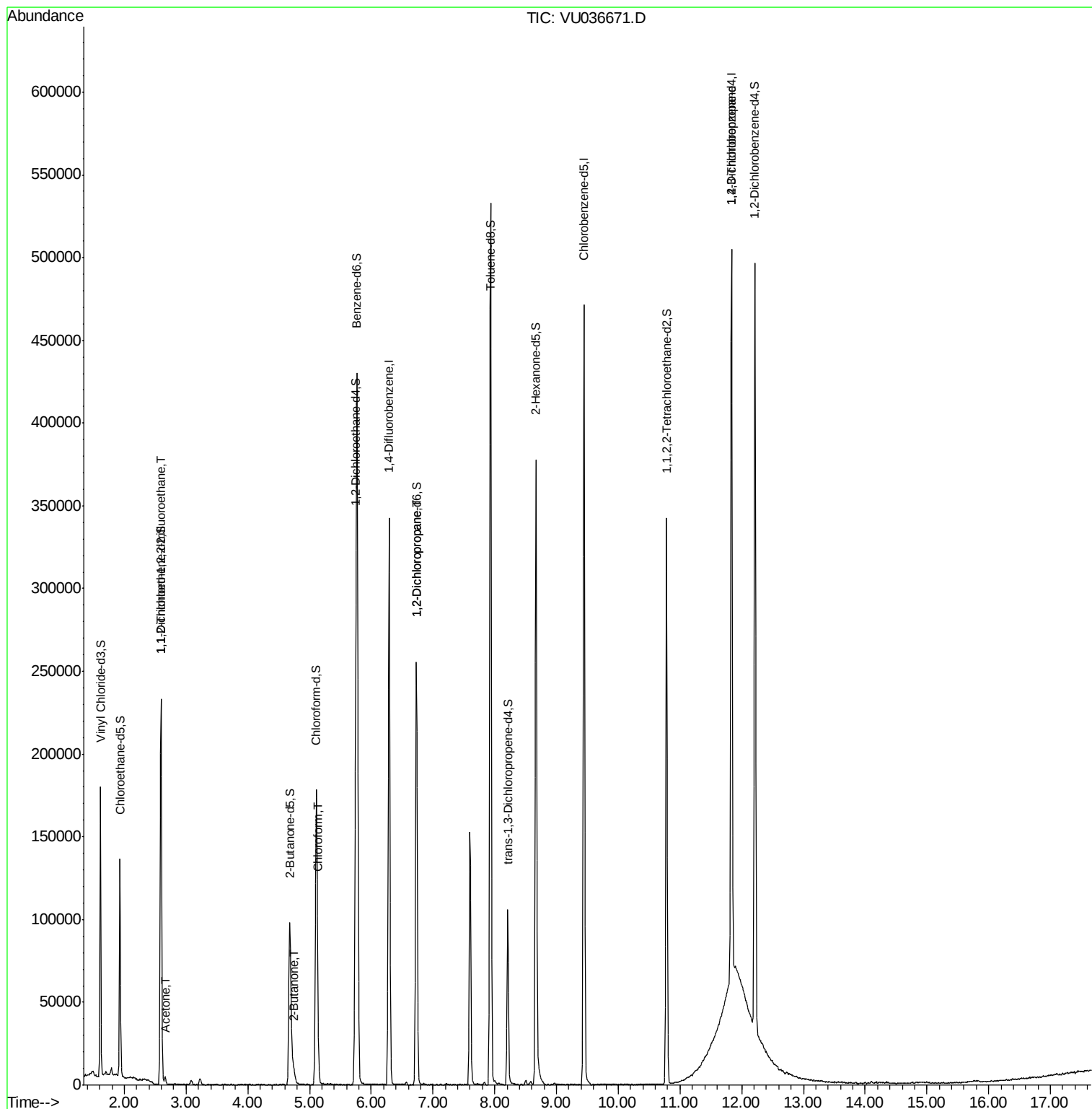
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1267	0.756	ug/L #	22
13) Acetone	2.66	43	5036	3.927	ug/L	94
22) 2-Butanone	4.75	43	9518	5.429	ug/L #	60
25) Chloroform	5.14	83	15483	4.451	ug/L	98
37) 1,2-Dichloropropane	6.73	63	13942	6.386	ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	14955	5.161	ug/L	89

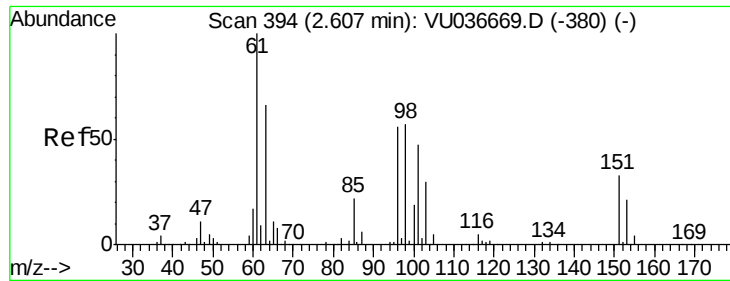
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.756 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK56

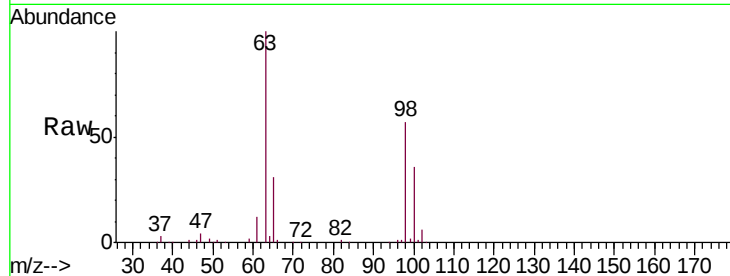
Tgt Ion:101 Resp: 1267

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

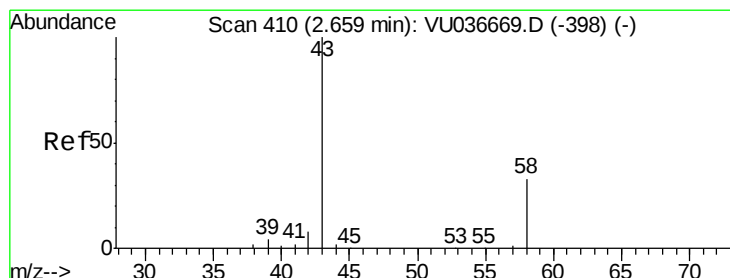
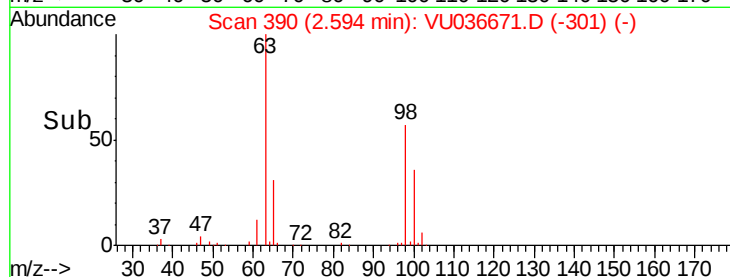
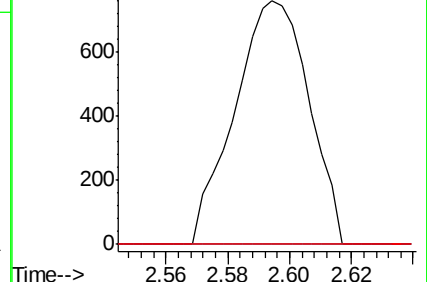
151 0.0 54.7 82.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.927 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036671.D

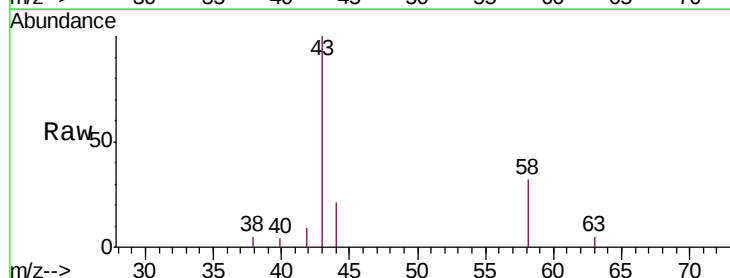
Acq: 03 Feb 2020 14:19

Tgt Ion: 43 Resp: 5036

Ion Ratio Lower Upper

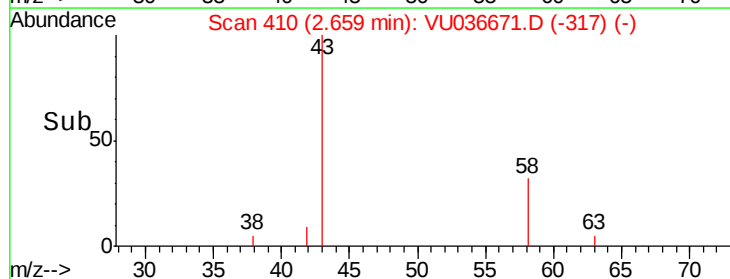
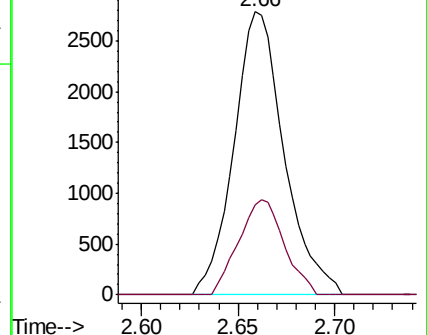
43 100

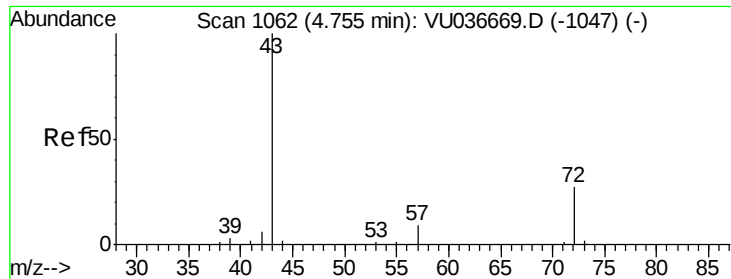
58 30.6 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#22

2-Butanone

Concen: 5.429 ug/L

RT: 4.75 min Scan# 1060

Delta R.T. -0.01 min

Lab File: VU036671.D

Acq: 03 Feb 2020 14:19

Instrument :

MSVOA_U

ClientSampleId :

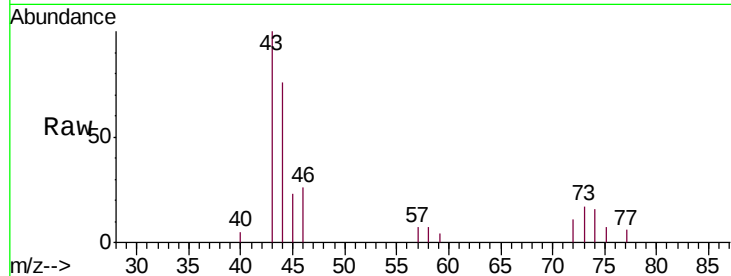
VBLK56

Tgt Ion: 43 Resp: 9518

Ion Ratio Lower Upper

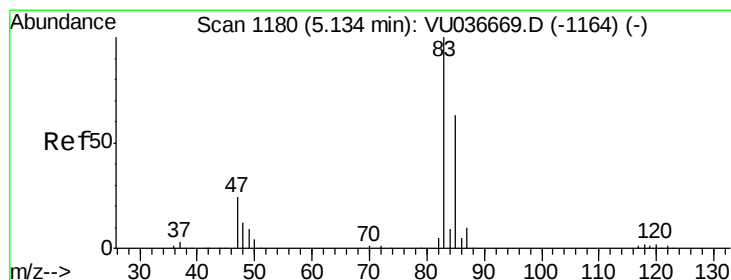
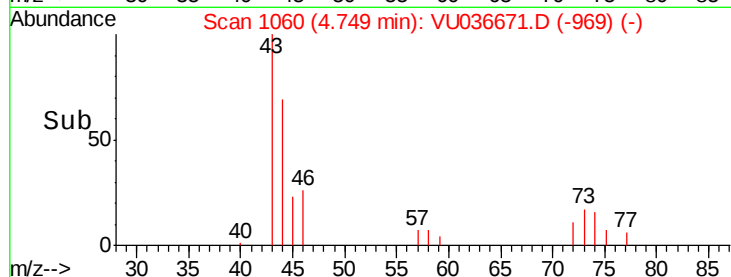
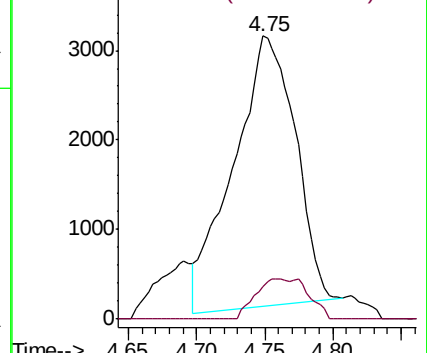
43 100

72 8.1 14.6 44.0#



Abundance Ion 43.00 (42.70 to 43.70): VU036671.D (-969) (-)

Ion 72.00 (71.70 to 72.70): VU036671.D (-969) (-)



#25

Chloroform

Concen: 4.451 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036671.D

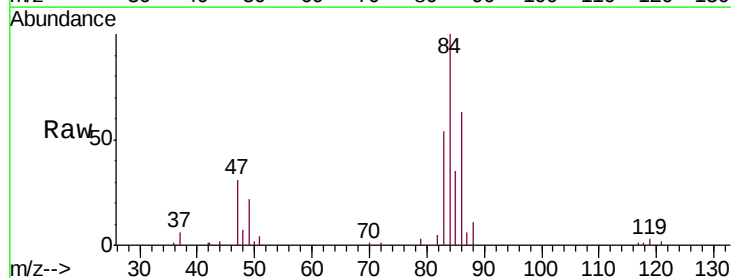
Acq: 03 Feb 2020 14:19

Tgt Ion: 83 Resp: 15483

Ion Ratio Lower Upper

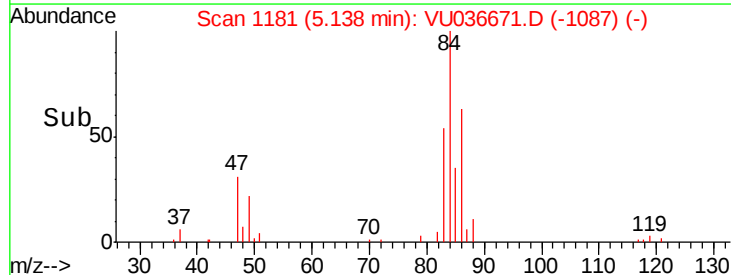
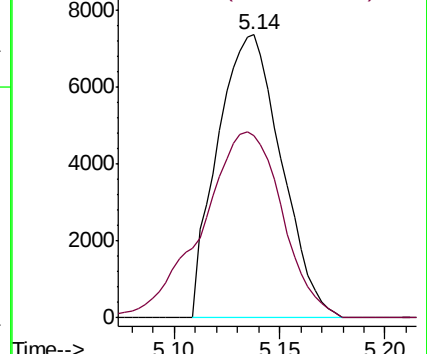
83 100

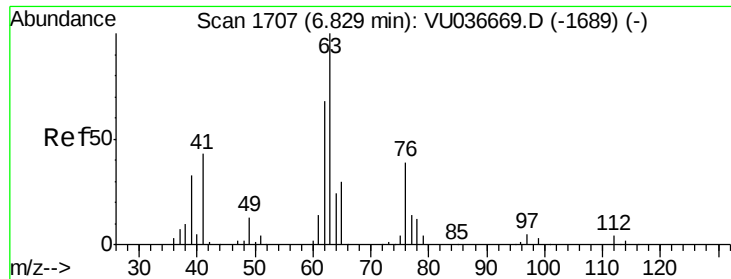
85 64.5 44.3 82.3



Abundance Ion 83.00 (82.70 to 83.70): VU036671.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU036671.D (-1087) (-)

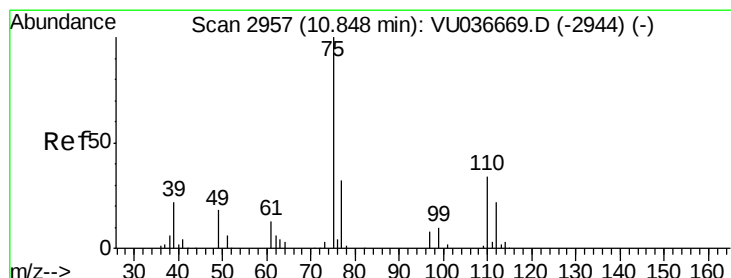
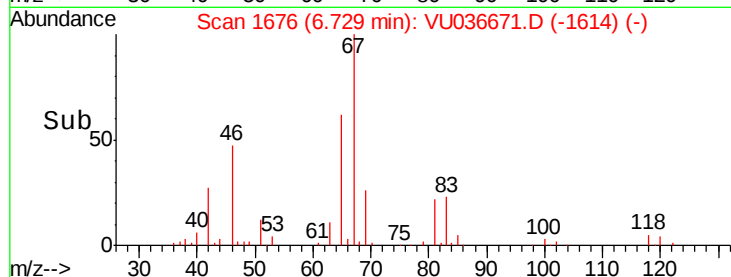
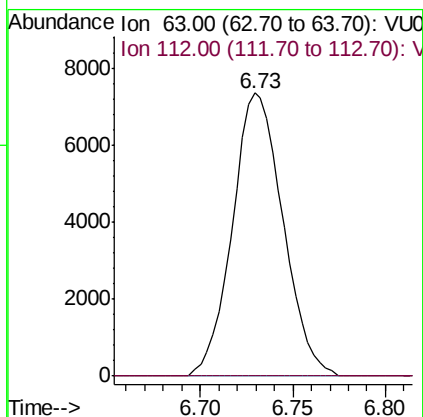
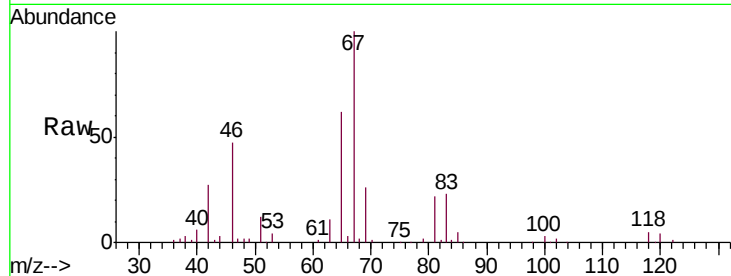




#37
 1,2-Dichloropropane
 Concen: 6.386 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036671.D
 Acq: 03 Feb 2020 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK56

Tgt Ion: 63 Resp: 13942
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.161 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036671.D
 Acq: 03 Feb 2020 14:19

Tgt Ion: 75 Resp: 14955
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.2 37.8

