

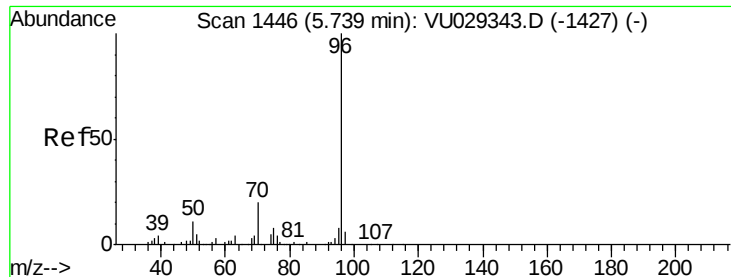
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029377.D
 Acq On : 08 Feb 2019 14:01
 Operator : JC/SP
 Sample : K1161-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Feb 09 03:38:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U020519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 08 10:52:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	55365	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19541	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	21438	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
15) Methylene Chloride	2.70	84	5475	0.283	ug/l #	73
27) Chloroform	4.67	83	502517	18.257	ug/l	96
44) Bromodichloromethane	6.76	83	955809	44.181	ug/l	95
55) Dibromochloromethane	8.48	129	95026	5.948	ug/l	97
67) Bromoform	9.95	173	265881	26.752	ug/l	99
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029377.D

Acq: 08 Feb 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

Tot Ion: 96 Resp: 55365

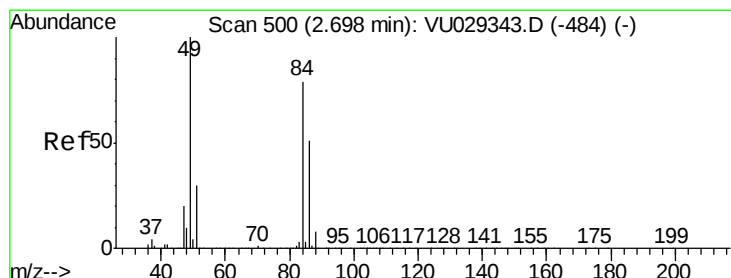
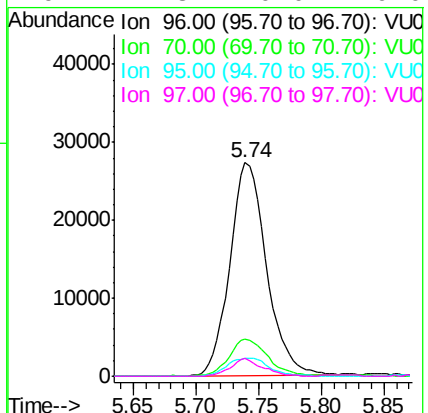
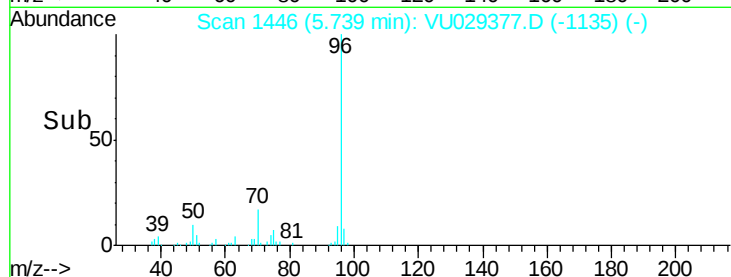
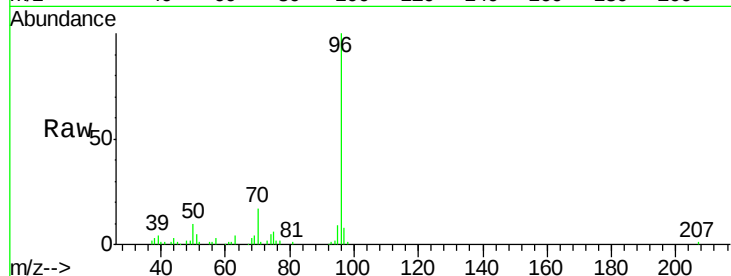
Ion Ratio Lower Upper

96 100

70 17.9 16.2 24.2

95 9.9 7.4 11.2

97 7.3 0.0 0.0#



#15

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU029377.D

Acq: 08 Feb 2019 14:01

Tgt Ion: 84 Resp: 5475

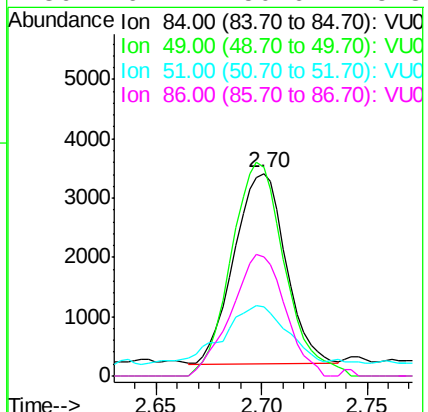
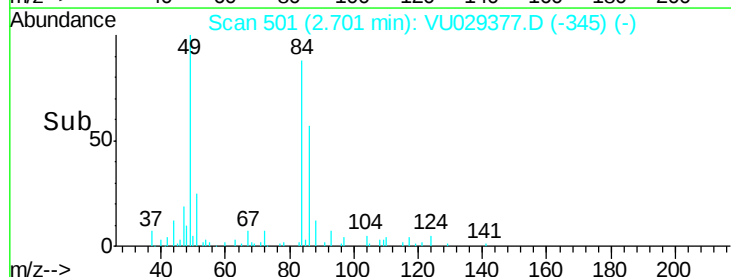
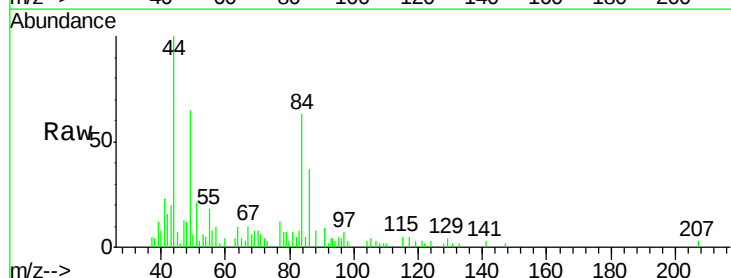
Ion Ratio Lower Upper

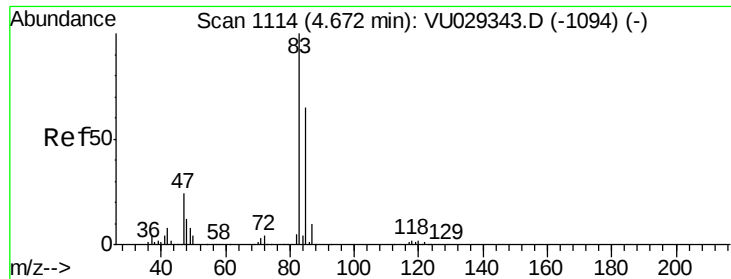
84 100

49 110.1 127.0 190.6#

51 27.8 0.0 93.4

86 62.7 50.6 75.8





#27

Chloroform

Concen: 18.257 ug/l

RT: 4.67 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VU029377.D

Acq: 08 Feb 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

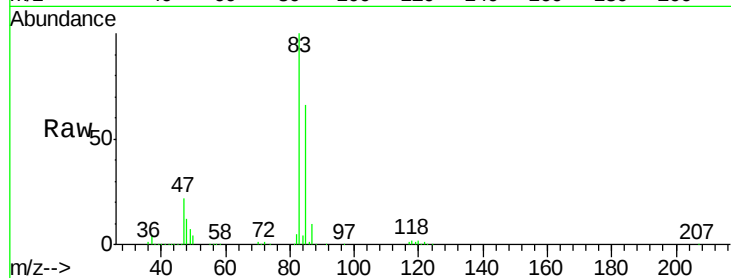
PT-THM-WS

Tot Ion: 83 Resp: 502517

Ion Ratio Lower Upper

83 100

85 66.1 0.0 126.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.67

200000

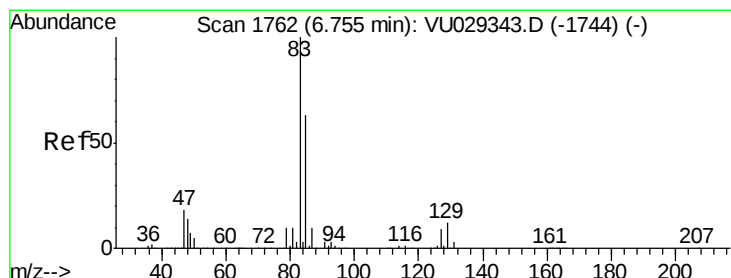
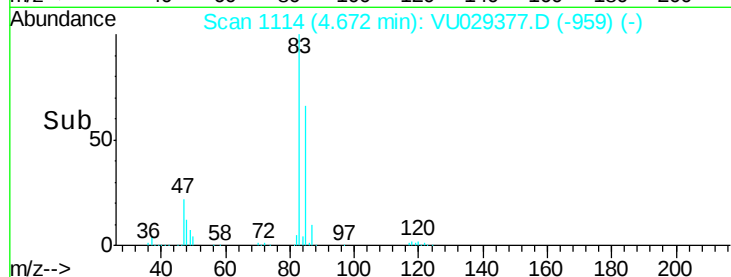
150000

100000

50000

0

Time-->



#44

Bromodichloromethane

Concen: 44.181 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VU029377.D

Acq: 08 Feb 2019 14:01

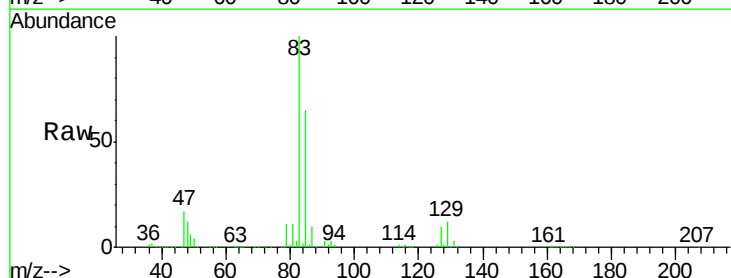
Tgt Ion: 83 Resp: 955809

Ion Ratio Lower Upper

83 100

85 65.4 49.2 73.8

127 9.7 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 127.00 (126.70 to 127.70): V

6.76

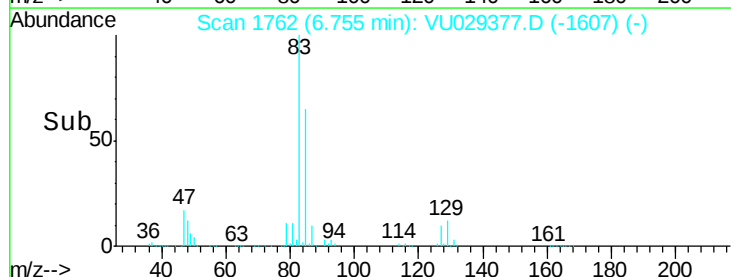
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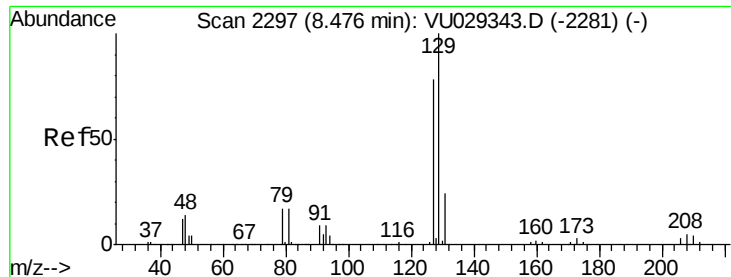
400000

200000

0

Time-->

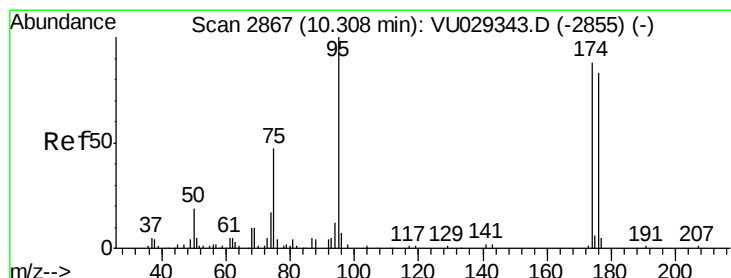
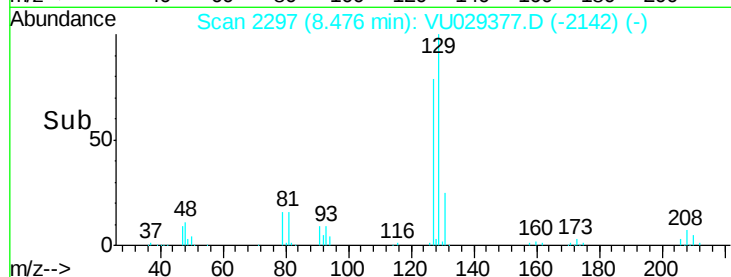
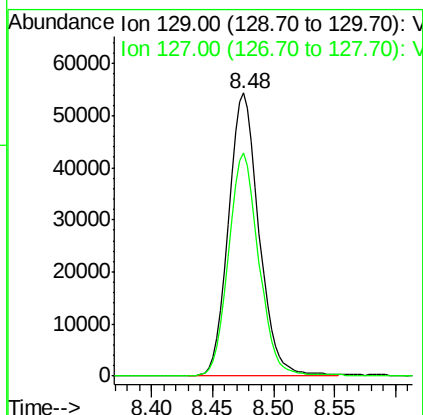
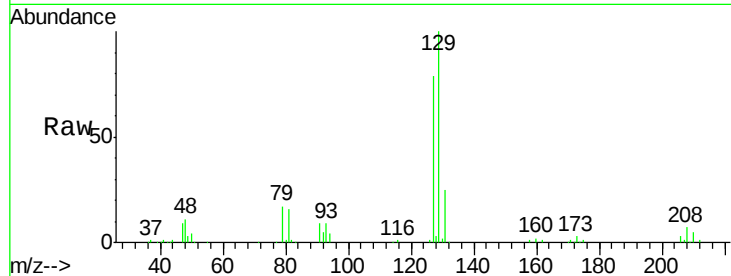




#55
Dibromochloromethane
Concen: 5.948 ug/l
RT: 8.48 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU029377.D
Acq: 08 Feb 2019 14:01

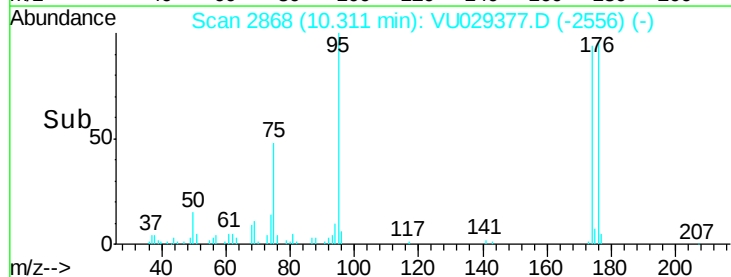
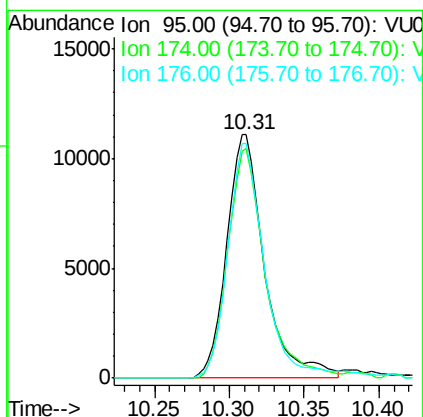
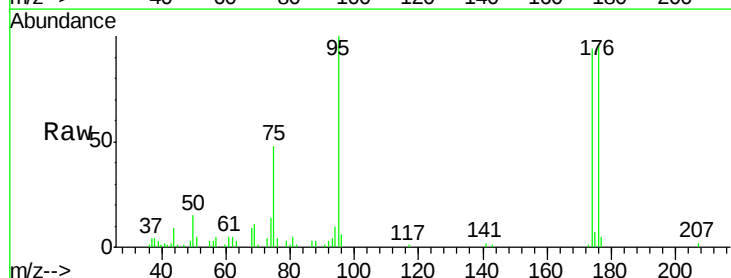
Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

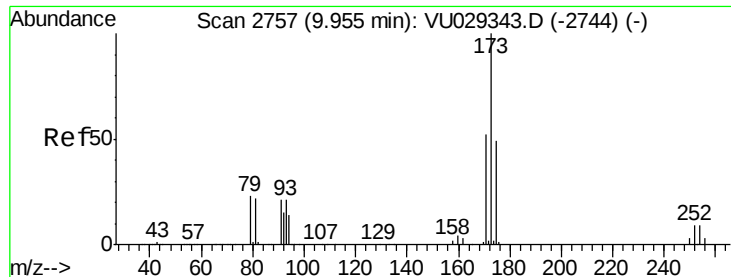
Tot Ion:129 Resp: 95026
Ion Ratio Lower Upper
129 100
127 78.4 60.5 90.7



#57
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 10.31 min Scan# 2868
Delta R.T. 0.00 min
Lab File: VU029377.D
Acq: 08 Feb 2019 14:01

Tgt Ion: 95 Resp: 19541
Ion Ratio Lower Upper
95 100
174 92.5 64.2 96.2
176 94.5 62.3 93.5#

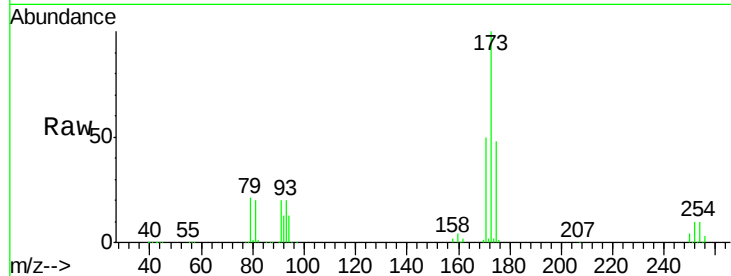




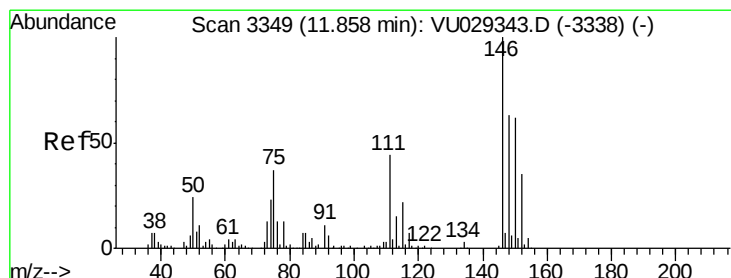
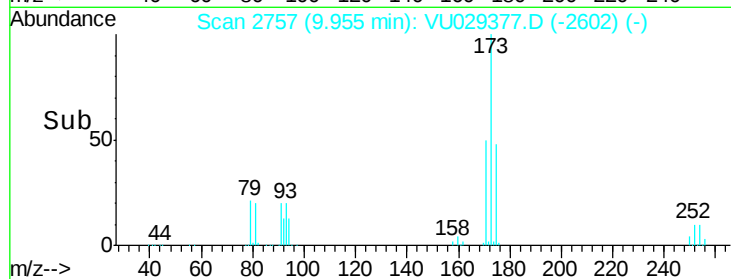
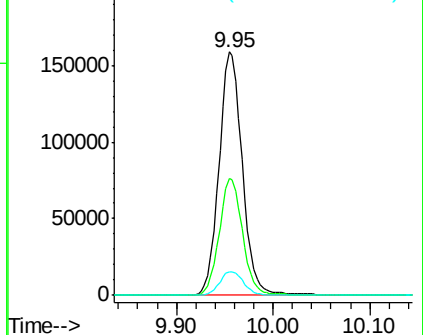
#67
Bromoform
Concen: 26.752 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU029377.D
Acq: 08 Feb 2019 14:01

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

Tot Ion:173 Resp: 265881
Ion Ratio Lower Upper
173 100
175 48.0 38.9 58.3
254 10.0 7.4 11.2

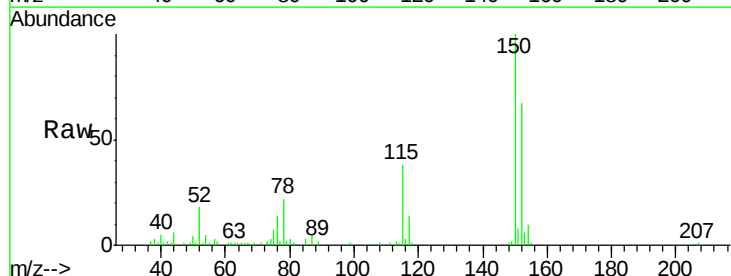


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 26.752 ug/l
RT: 11.86 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VU029377.D
Acq: 08 Feb 2019 14:01

Tgt Ion:152 Resp: 21438
Ion Ratio Lower Upper
152 100
115 58.9 0.0 133.4
150 153.5 0.0 670.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

