

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082018\
 Data File : VU026209.D
 Acq On : 20 Aug 2018 15:34
 Operator : MD/SY
 Sample : J4045-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Aug 21 10:46:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U082018DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Aug 20 13:35:41 2018
 Response via : Initial Calibration

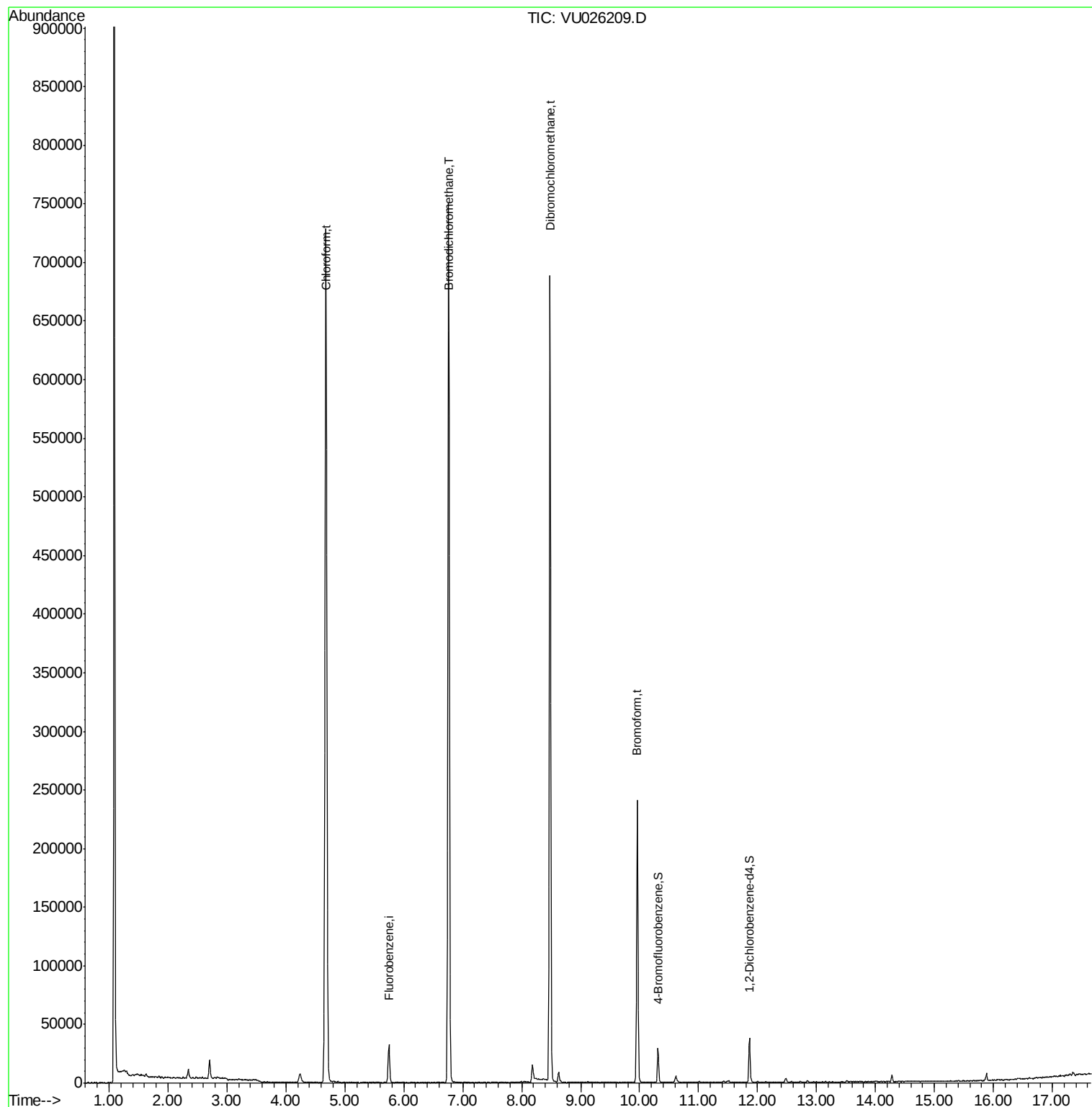
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.75	96	30868	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	9624	0.87	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	10700	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
Target Compounds						
						Ovalue
27) Chloroform	4.68	83	674951	38.46	ug/l	97
44) Bromodichloromethane	6.76	83	474880	37.59	ug/l	99
55) Dibromochloromethane	8.48	129	351769	39.64	ug/l	99
67) Bromoform	9.96	173	111123	21.26	ug/l #	98
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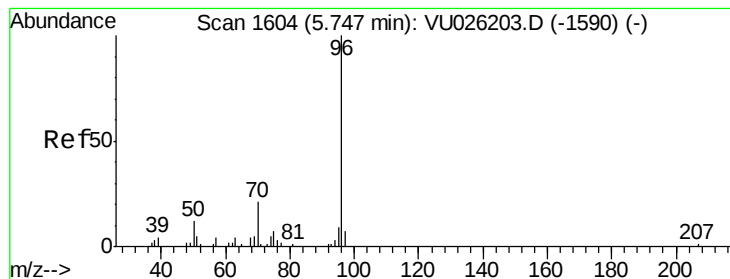
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.00 ug/l

RT: 5.75 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VU026209.D

Acq: 20 Aug 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

Tot Ion: 96 Resp: 30868

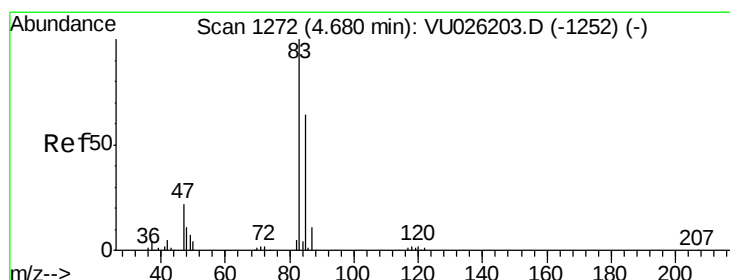
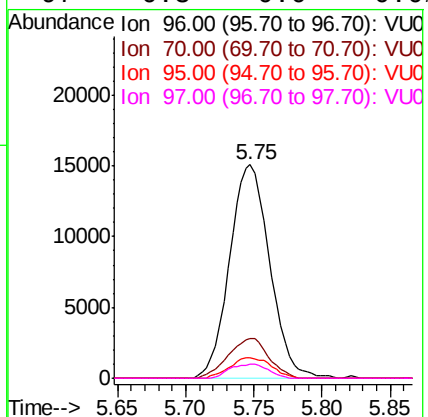
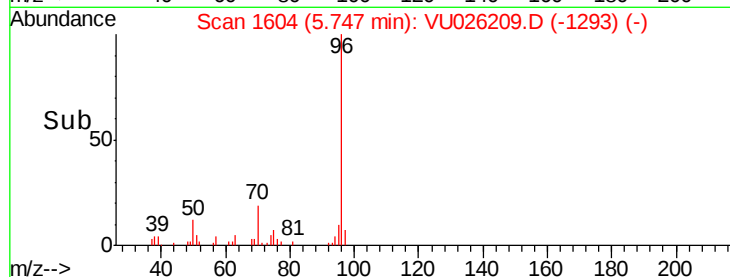
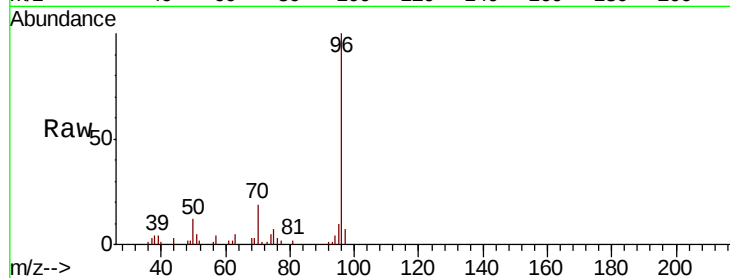
Ion Ratio Lower Upper

96 100

70 18.7 16.2 24.4

95 9.9 6.9 10.3

97 6.3 0.0 0.0#



#27

Chloroform

Concen: 38.46 ug/l

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU026209.D

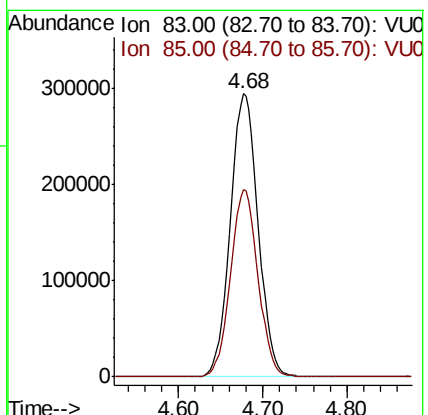
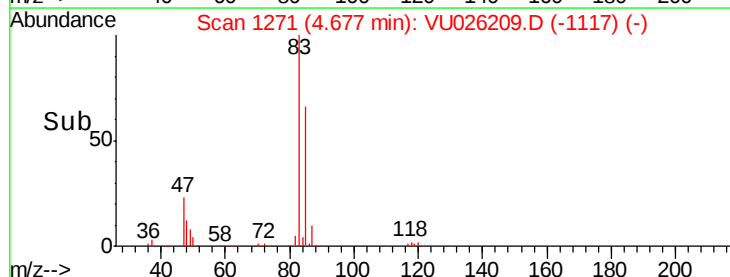
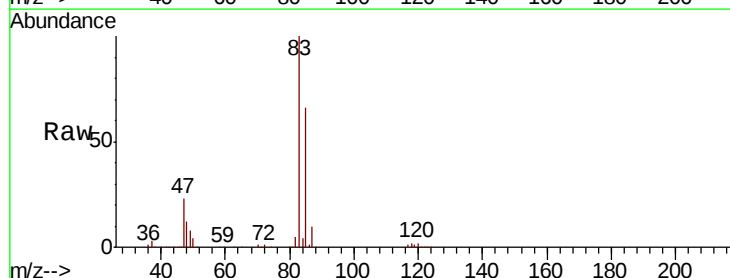
Acq: 20 Aug 2018 15:34

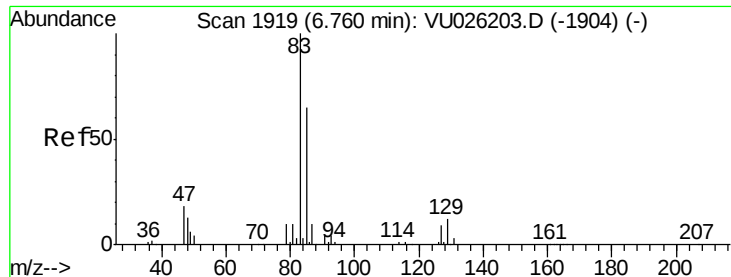
Tgt Ion: 83 Resp: 674951

Ion Ratio Lower Upper

83 100

85 66.3 0.0 128.4





#44

Bromodichloromethane

Concen: 37.59 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU026209.D

Acq: 20 Aug 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

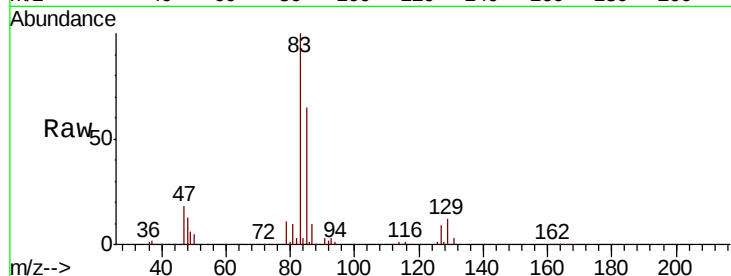
Tot Ion: 83 Resp: 474880

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

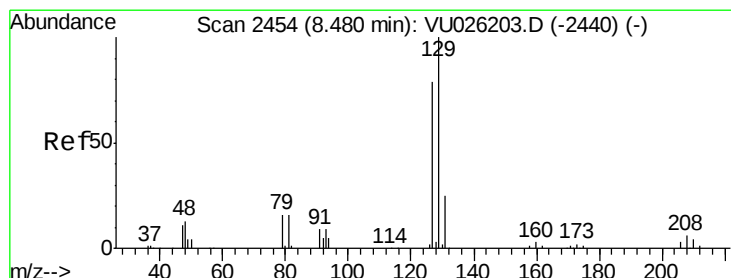
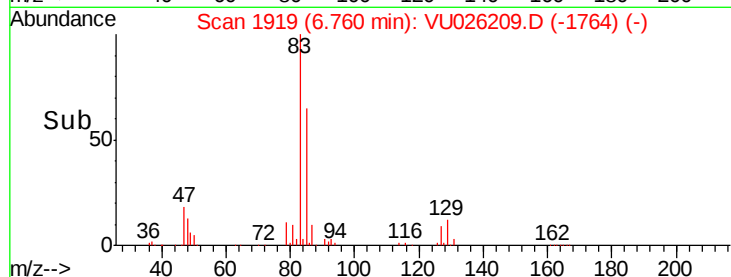
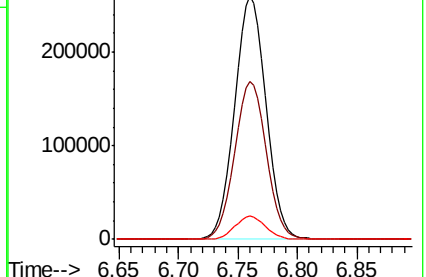
127 9.4 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VU026209.D (-1764) (-)

Ion 85.00 (84.70 to 85.70): VU026209.D (-1764) (-)

Ion 127.00 (126.70 to 127.70): VU026209.D (-1764) (-)



#55

Dibromochloromethane

Concen: 39.64 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU026209.D

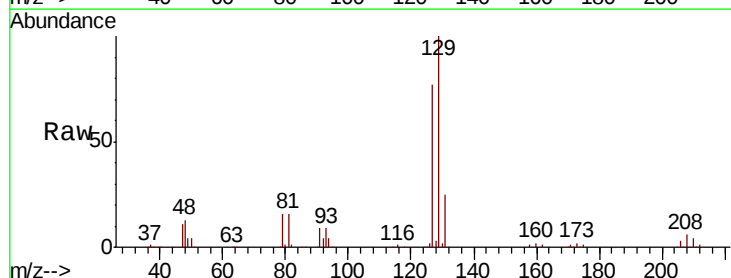
Acq: 20 Aug 2018 15:34

Tgt Ion: 129 Resp: 351769

Ion Ratio Lower Upper

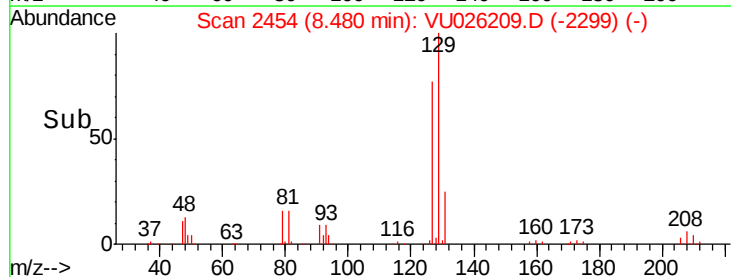
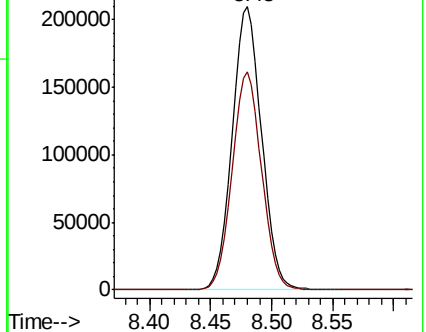
129 100

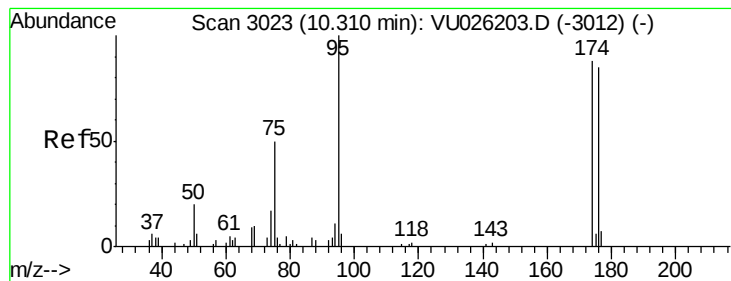
127 77.0 61.1 91.7



Abundance Ion 129.00 (128.70 to 129.70): VU026209.D (-2299) (-)

Ion 127.00 (126.70 to 127.70): VU026209.D (-2299) (-)





#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU026209.D

Acq: 20 Aug 2018 15:34

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

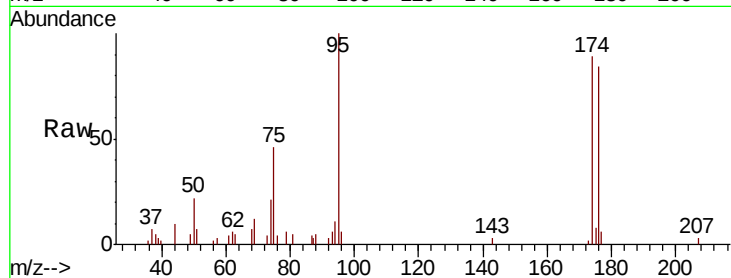
Tot Ion: 95 Resp: 9624

Ion Ratio Lower Upper

95 100

174 90.9 65.6 98.4

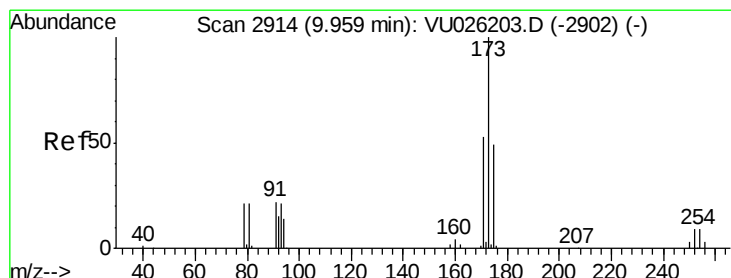
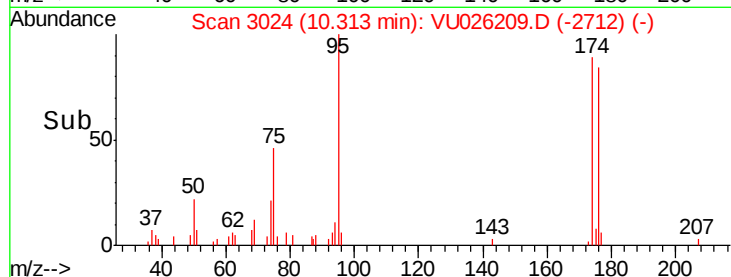
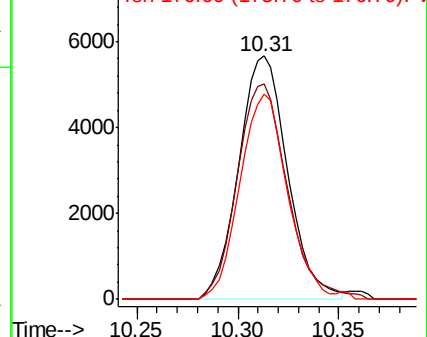
176 82.7 62.0 93.0



Abundance Ion 95.00 (94.70 to 95.70): VU026209.D (-2712) (-)

Ion 174.00 (173.70 to 174.70): VU026209.D (-2712) (-)

Ion 176.00 (175.70 to 176.70): VU026209.D (-2712) (-)



#67

Bromoform

Concen: 21.26 ug/l

RT: 9.96 min Scan# 2914

Delta R.T. -0.00 min

Lab File: VU026209.D

Acq: 20 Aug 2018 15:34

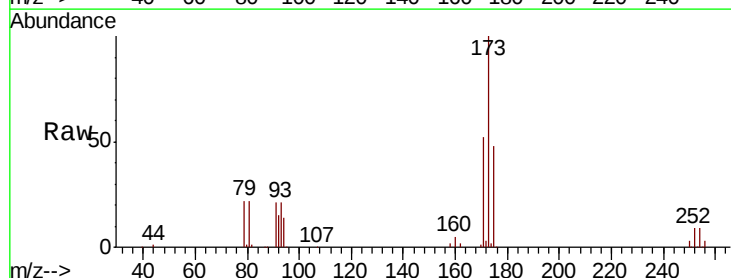
Tgt Ion: 173 Resp: 111123

Ion Ratio Lower Upper

173 100

175 47.2 38.6 57.8

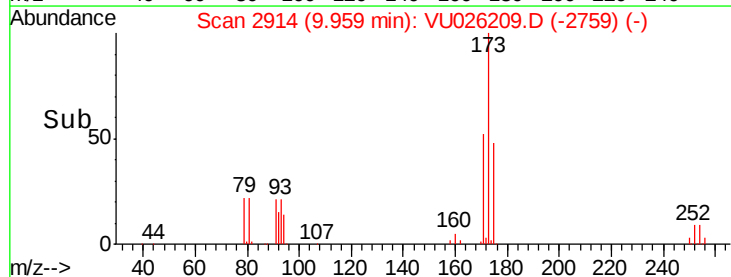
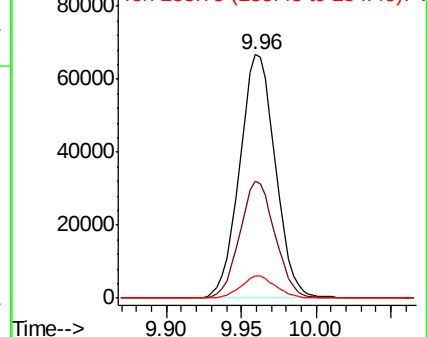
254 8.7 8.8 13.2#

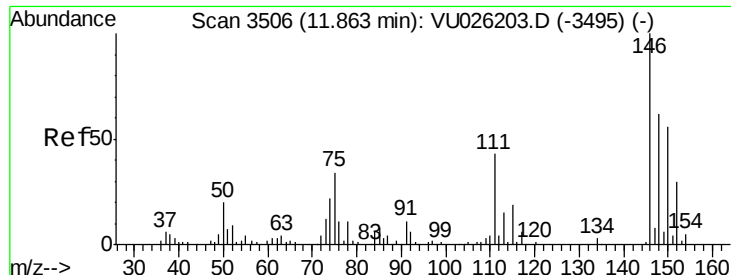


Abundance Ion 172.90 (172.60 to 173.60): VU026209.D (-2759) (-)

Ion 174.90 (174.60 to 175.60): VU026209.D (-2759) (-)

Ion 253.75 (253.45 to 254.45): VU026209.D (-2759) (-)

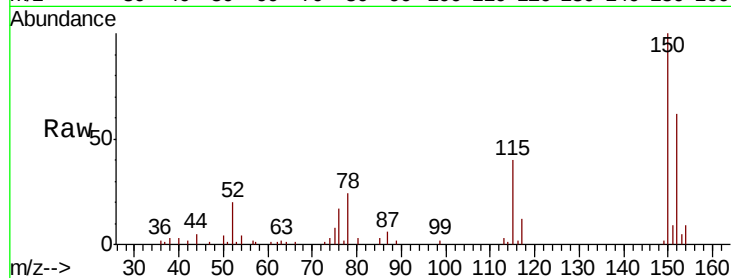




#68
 1,2-Dichlorobenzene-d4
 Concen: 21.26 ug/l
 RT: 11.86 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VU026209.D
 Acq: 20 Aug 2018 15:34

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.0	0.0	118.8
150	164.8	0.0	0.0#



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

