

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020819\
 Data File : VU029378.D
 Acq On : 08 Feb 2019 14:34
 Operator : JC/SP
 Sample : K1161-09DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WSDL

Quant Time: Feb 09 03:41:10 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

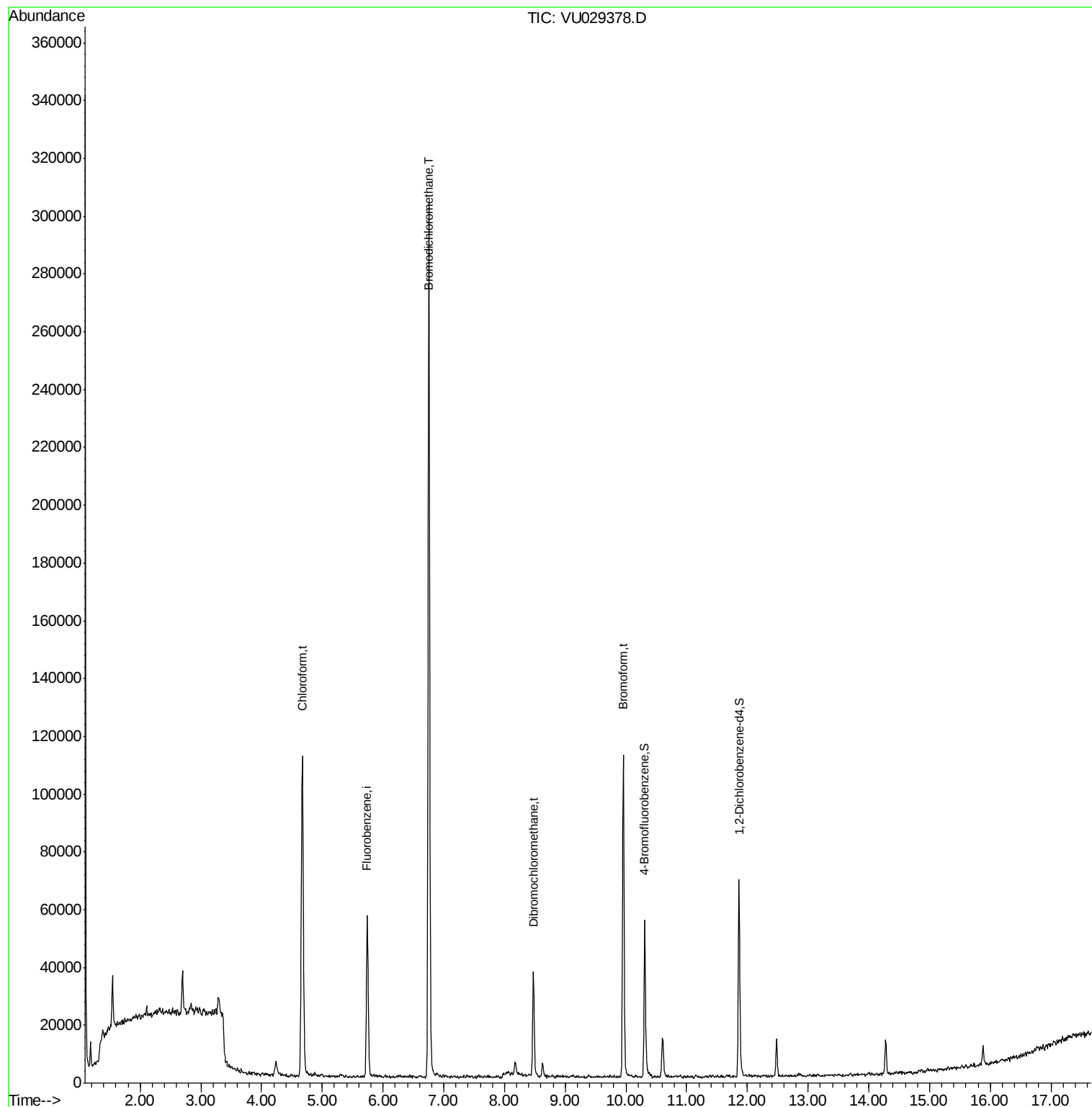
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.74	96	55788	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	19925	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	20144	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
Target Compounds						
					Ovalue	
27) Chloroform	4.67	83	107033	3.859	ug/l	97
44) Bromodichloromethane	6.76	83	201805	9.257	ug/l	95
55) Dibromochloromethane	8.48	129	20096	1.248	ug/l	98
67) Bromoform	9.96	173	54273	5.419	ug/l	100
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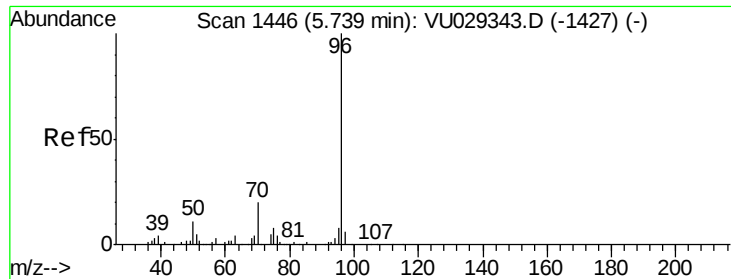
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

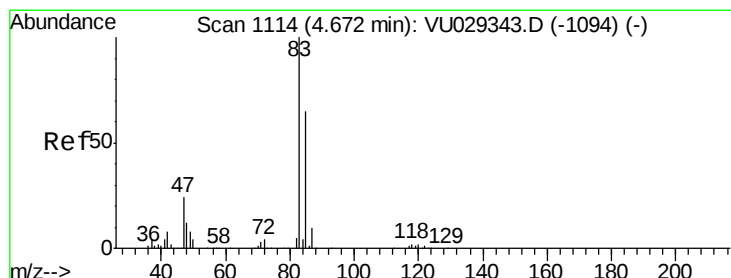
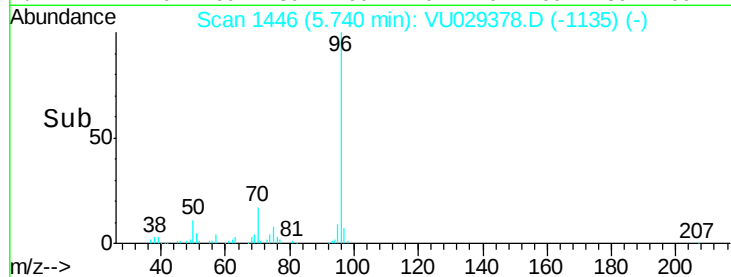
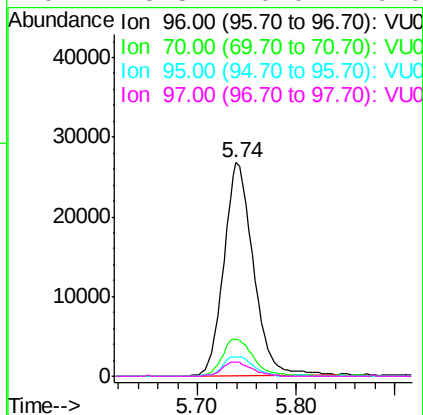
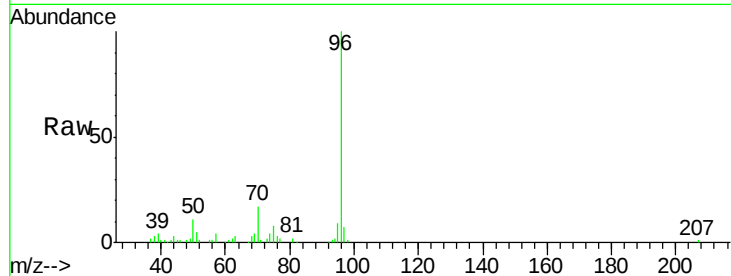
Delta R.T. 0.00 min

Lab File: VU029378.D

Acq: 08 Feb 2019 14:34

Instrument :
MSVOA_U
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PT-THM-WSDL

Tot Ion:	96	Resp:	55788
Ion	Ratio	Lower	Upper
96	100		
70	17.6	16.2	24.2
95	9.6	7.4	11.2
97	6.8	0.0	0.0#



#27

Chloroform

Concen: 3.859 ug/l

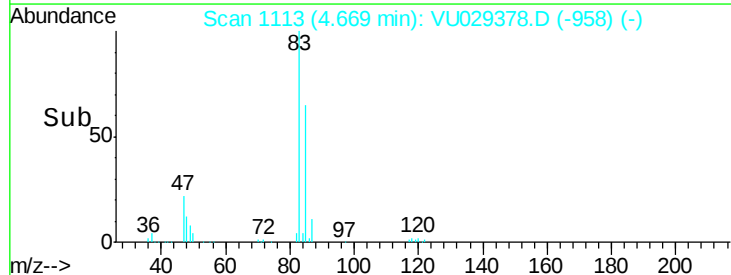
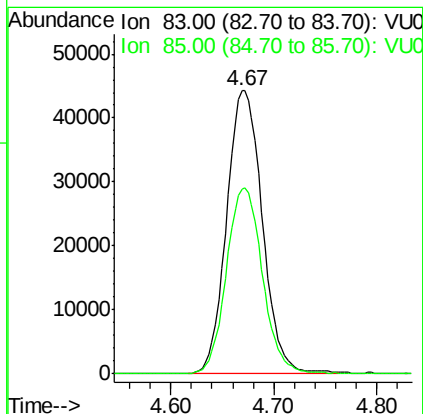
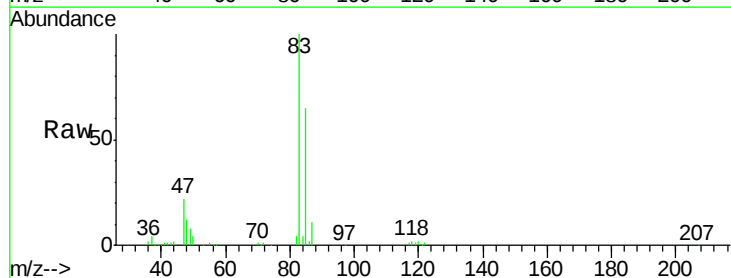
RT: 4.67 min Scan# 1113

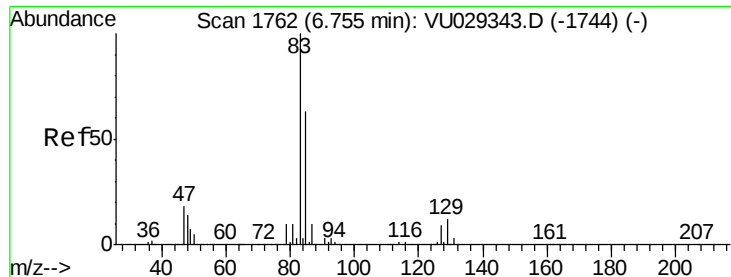
Delta R.T. -0.00 min

Lab File: VU029378.D

Acq: 08 Feb 2019 14:34

Tgt Ion:	83	Resp:	107033
Ion	Ratio	Lower	Upper
83	100		
85	65.4	0.0	126.6





#44

Bromodichloromethane

Concen: 9.257 ug/l

RT: 6.76 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VU029378.D

Acq: 08 Feb 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WSDL

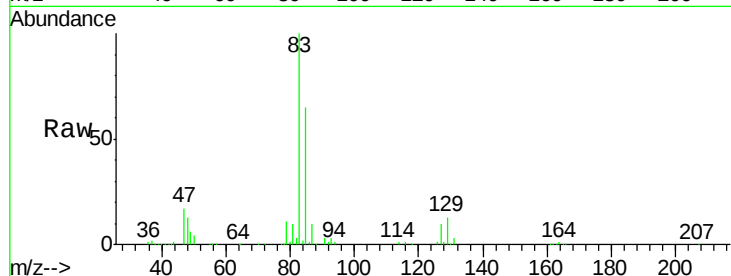
Tot Ion: 83 Resp: 201805

Ion Ratio Lower Upper

83 100

85 65.1 49.2 73.8

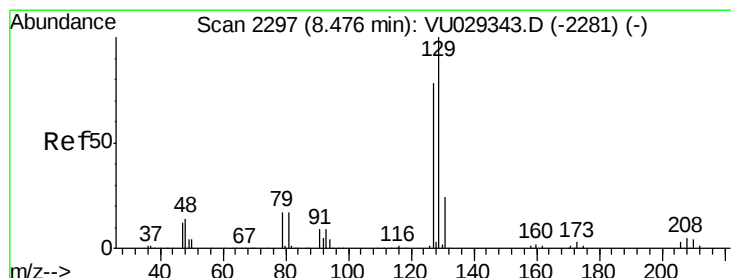
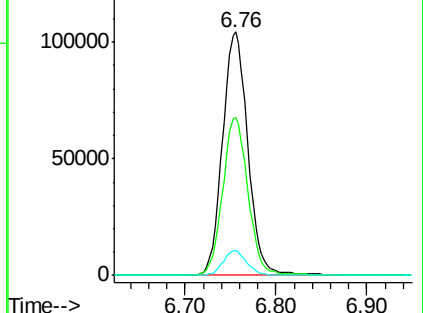
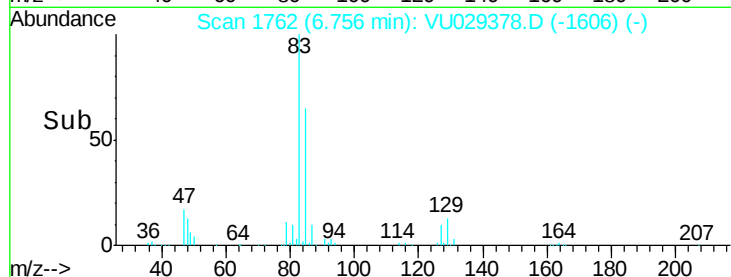
127 10.2 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VU029378.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VU029378.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VU029378.D (-1606) (-)



#55

Dibromochloromethane

Concen: 1.248 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU029378.D

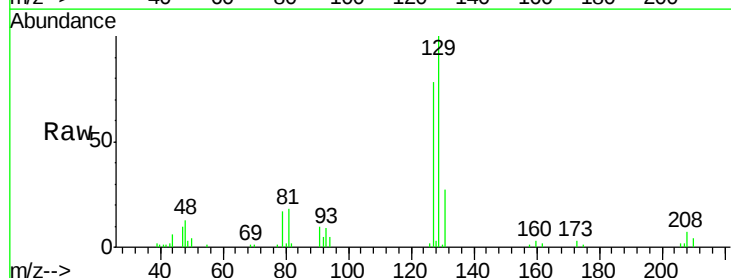
Acq: 08 Feb 2019 14:34

Tgt Ion: 129 Resp: 20096

Ion Ratio Lower Upper

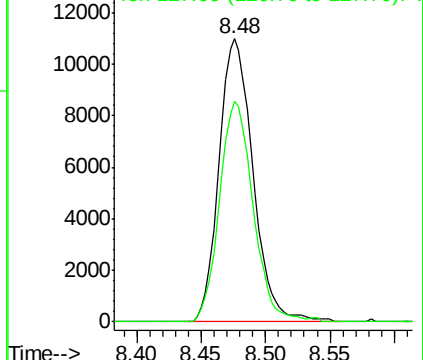
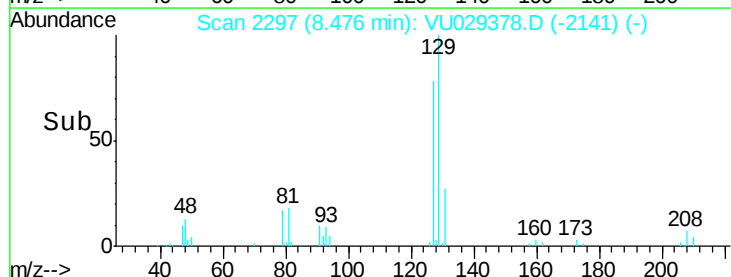
129 100

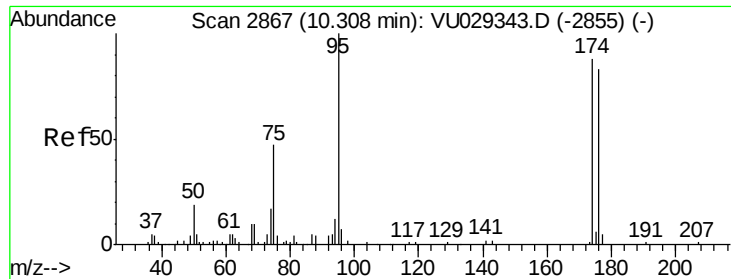
127 77.1 60.5 90.7



Abundance Ion 129.00 (128.70 to 129.70): VU029378.D (-2141) (-)

Ion 127.00 (126.70 to 127.70): VU029378.D (-2141) (-)





#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU029378.D

Acq: 08 Feb 2019 14:34

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WSDL

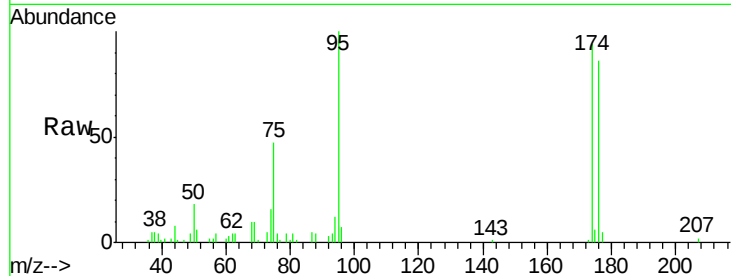
Tot Ion: 95 Resp: 19925

Ion Ratio Lower Upper

95 100

174 91.0 64.2 96.2

176 87.1 62.3 93.5

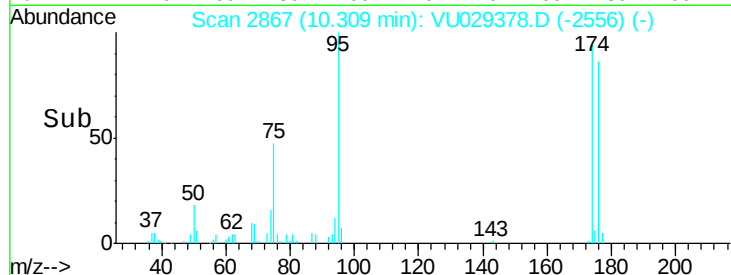


Abundance Ion 95.00 (94.70 to 95.70): VU029343.D (-2855) (-)

Ion 174.00 (173.70 to 174.70): VU029343.D (-2855) (-)

Ion 176.00 (175.70 to 176.70): VU029343.D (-2855) (-)

Time-->

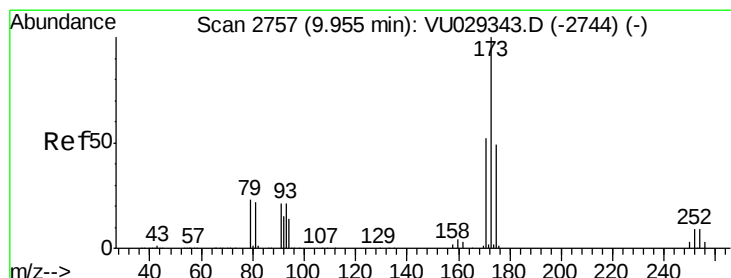


Abundance Ion 95.00 (94.70 to 95.70): VU029378.D (-2556) (-)

Ion 174.00 (173.70 to 174.70): VU029378.D (-2556) (-)

Ion 176.00 (175.70 to 176.70): VU029378.D (-2556) (-)

Time-->



#67

Bromoform

Concen: 5.419 ug/l

RT: 9.96 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VU029378.D

Acq: 08 Feb 2019 14:34

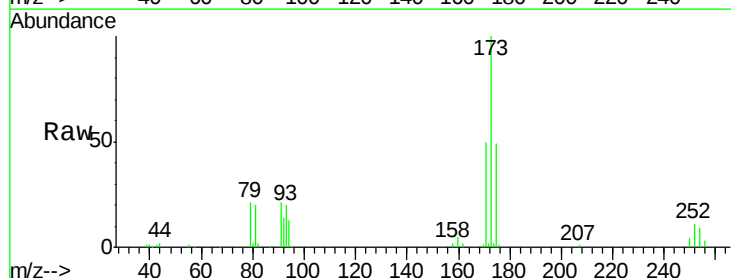
Tgt Ion: 173 Resp: 54273

Ion Ratio Lower Upper

173 100

175 48.7 38.9 58.3

254 9.6 7.4 11.2

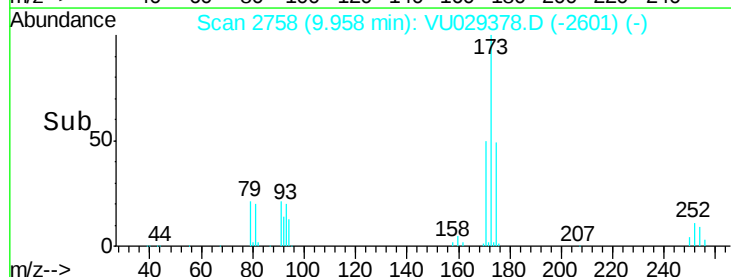


Abundance Ion 172.90 (172.60 to 173.60): VU029343.D (-2744) (-)

Ion 174.90 (174.60 to 175.60): VU029343.D (-2744) (-)

Ion 253.75 (253.45 to 254.45): VU029343.D (-2744) (-)

Time-->

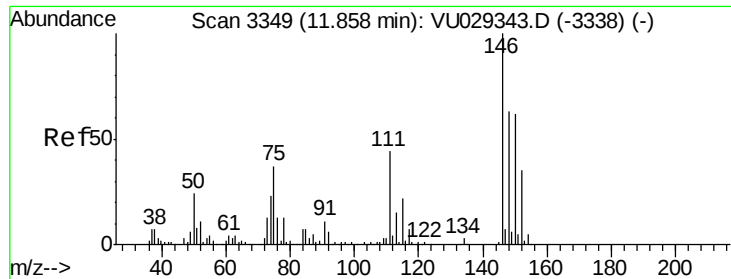


Abundance Ion 172.90 (172.60 to 173.60): VU029378.D (-2601) (-)

Ion 174.90 (174.60 to 175.60): VU029378.D (-2601) (-)

Ion 253.75 (253.45 to 254.45): VU029378.D (-2601) (-)

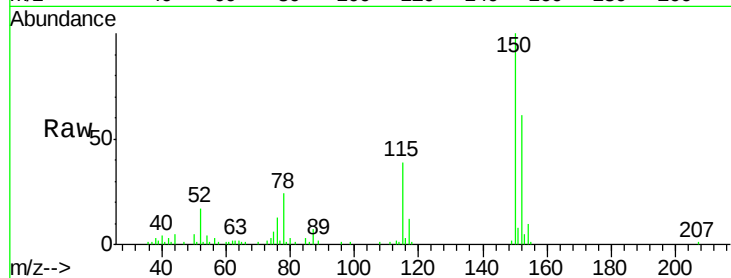
Time-->



#68
 1,2-Dichlorobenzene-d4
 Concen: 5.419 ug/l
 RT: 11.86 min Scan# 3350
 Delta R.T. 0.00 min
 Lab File: VU029378.D
 Acq: 08 Feb 2019 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WSDL

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.1	0.0	133.4
150	163.1	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

