

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102318\
 Data File : VU027756.D
 Acq On : 23 Oct 2018 09:55
 Operator : MD/SY
 Sample : J5026-04DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 1713DL

Quant Time: Oct 24 05:33:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 09:12:15 2018
 Response via : Initial Calibration

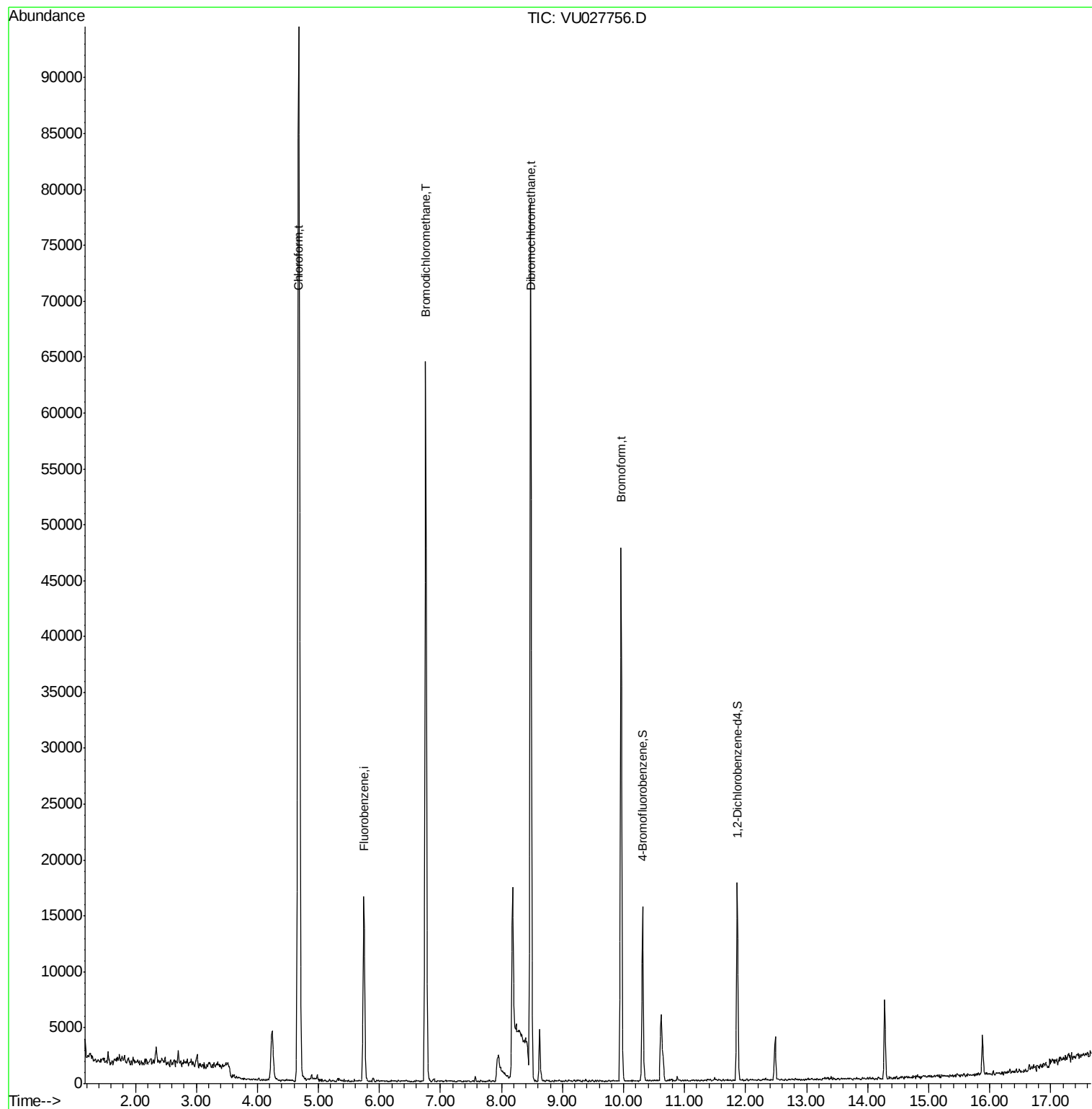
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.75	96	15178	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	5665	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	5097	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
27) Chloroform	4.67	83	89043	10.997	ug/l	100
44) Bromodichloromethane	6.76	83	41657	6.832	ug/l	98
55) Dibromochloromethane	8.48	129	39734	10.420	ug/l	100
67) Bromoform	9.96	173	21229	9.619	ug/l	98
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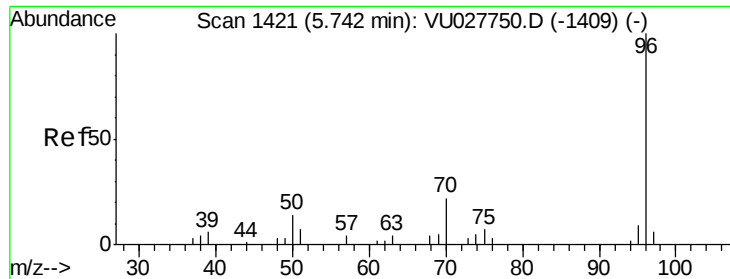
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1422

Delta R.T. 0.00 min

Lab File: VU027756.D

Acq: 23 Oct 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

1713DL

Tot Ion: 96 Resp: 15178

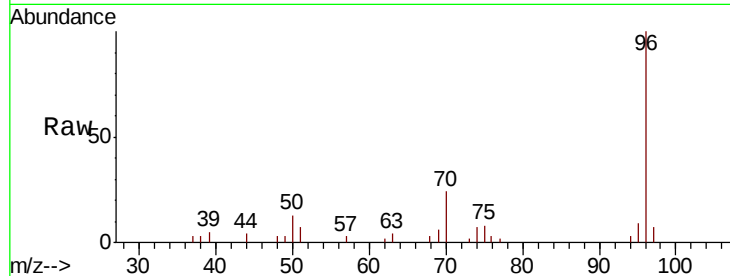
Ion Ratio Lower Upper

96 100

70 22.2 17.7 26.5

95 8.6 7.0 10.6

97 5.9 0.0 0.0#

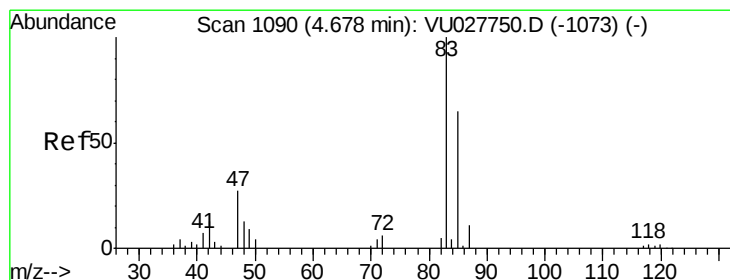
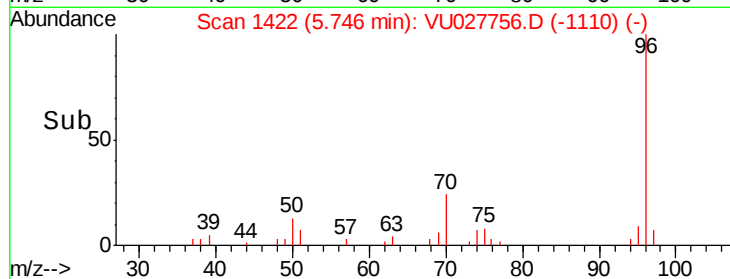
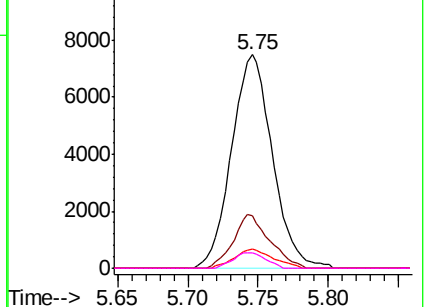


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#27

Chloroform

Concen: 10.997 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027756.D

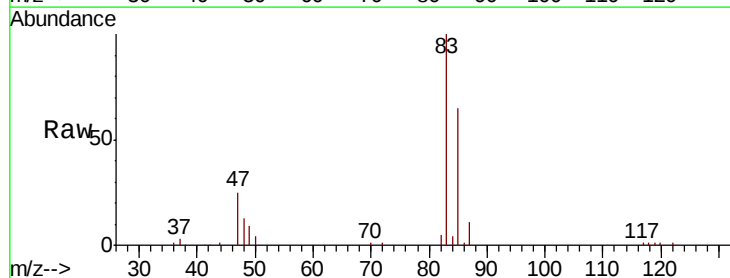
Acq: 23 Oct 2018 09:55

Tgt Ion: 83 Resp: 89043

Ion Ratio Lower Upper

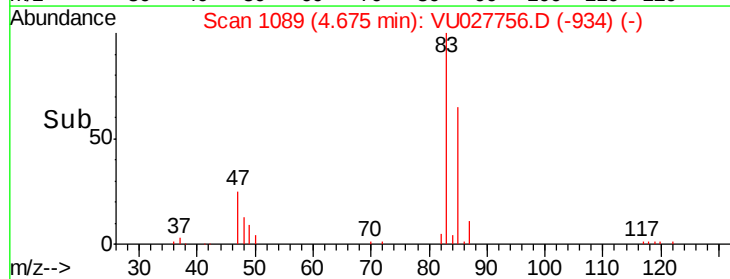
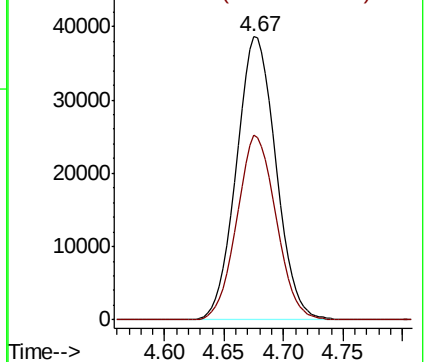
83 100

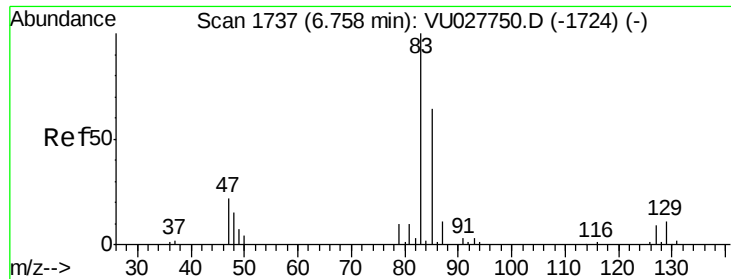
85 65.1 0.0 130.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

Bromodichloromethane

Concen: 6.832 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027756.D

Acq: 23 Oct 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

1713DL

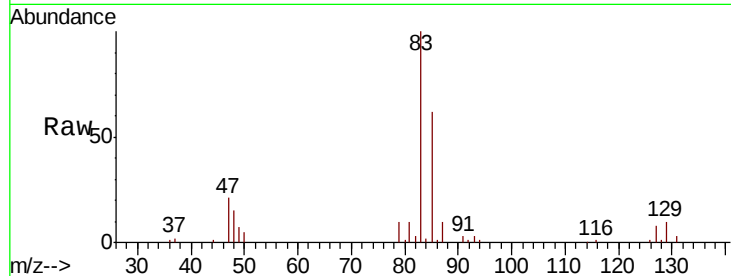
Tot Ion: 83 Resp: 41657

Ion Ratio Lower Upper

83 100

85 62.4 51.5 77.3

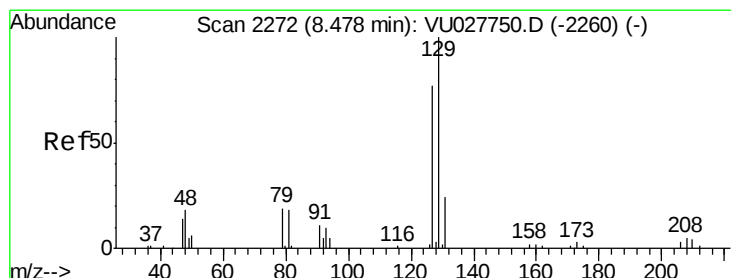
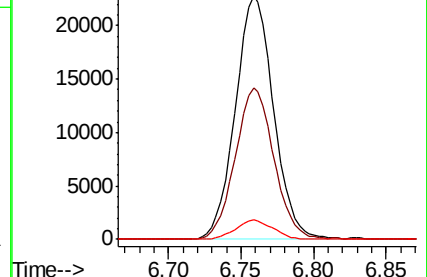
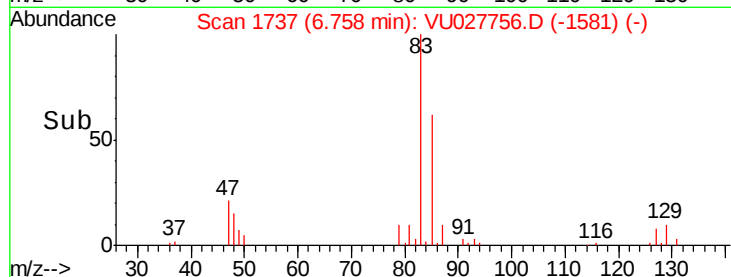
127 8.0 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VU027756.D (-1581) (-)

Ion 85.00 (84.70 to 85.70): VU027756.D (-1581) (-)

Ion 127.00 (126.70 to 127.70): VU027756.D (-1581) (-)



#55

Dibromochloromethane

Concen: 10.420 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VU027756.D

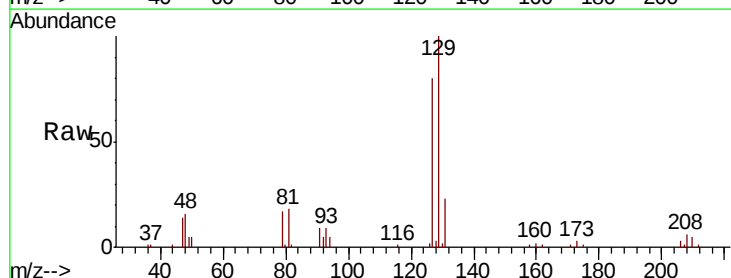
Acq: 23 Oct 2018 09:55

Tgt Ion: 129 Resp: 39734

Ion Ratio Lower Upper

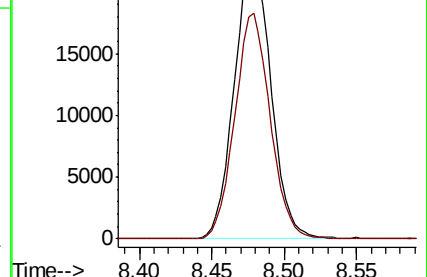
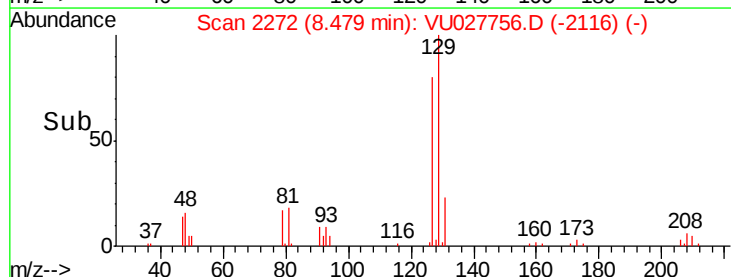
129 100

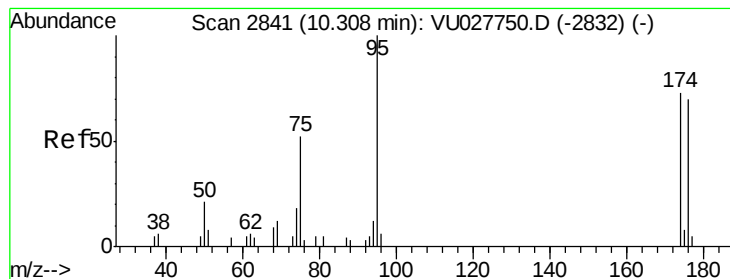
127 77.6 61.9 92.9



Abundance Ion 129.00 (128.70 to 129.70): VU027756.D (-2116) (-)

Ion 127.00 (126.70 to 127.70): VU027756.D (-2116) (-)





#57

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU027756.D

Acq: 23 Oct 2018 09:55

Instrument :

MSVOA_U

ClientSampled :

1713DL

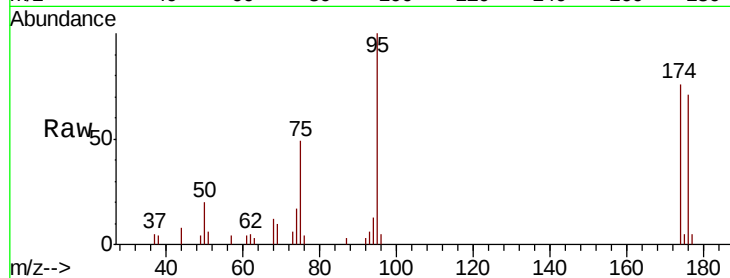
Tot Ion: 95 Resp: 5665

Ion Ratio Lower Upper

95 100

174 75.4 64.5 96.7

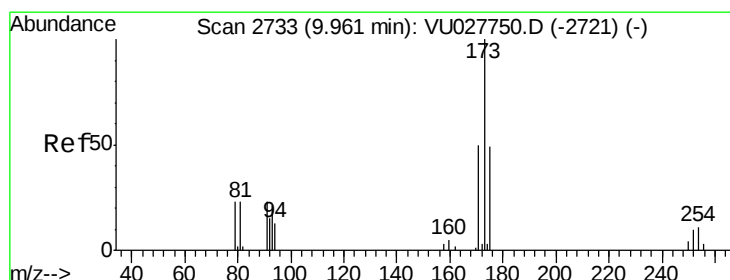
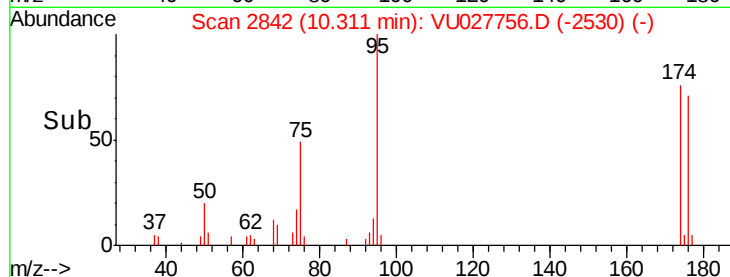
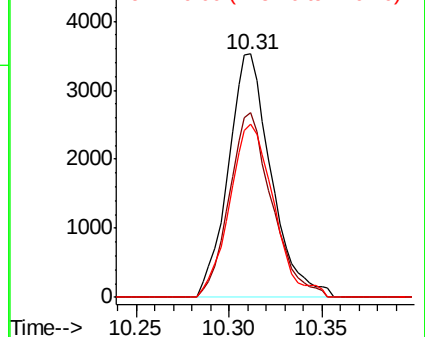
176 73.4 58.3 87.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#67

Bromoform

Concen: 9.619 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU027756.D

Acq: 23 Oct 2018 09:55

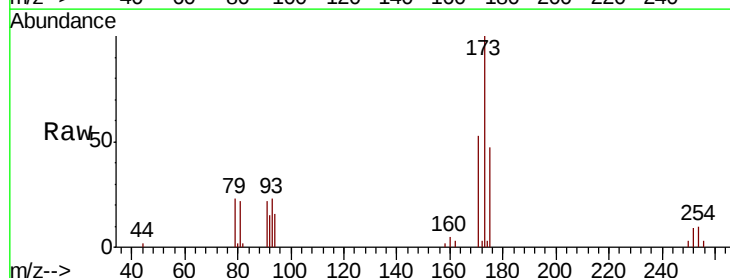
Tgt Ion: 173 Resp: 21229

Ion Ratio Lower Upper

173 100

175 47.8 39.6 59.4

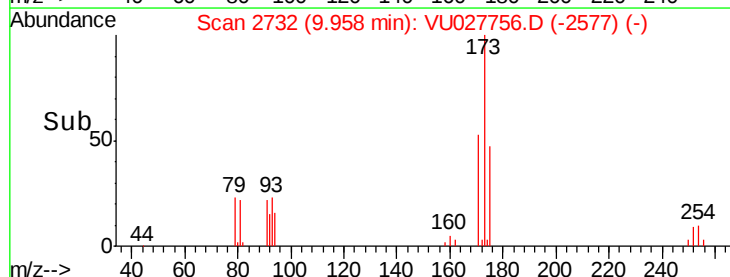
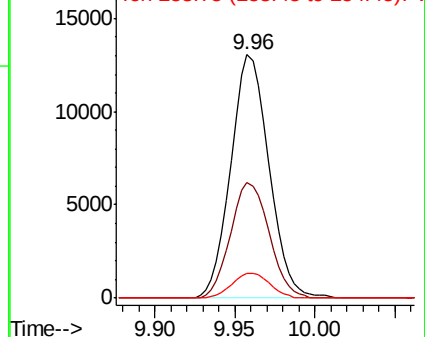
254 10.1 7.8 11.6

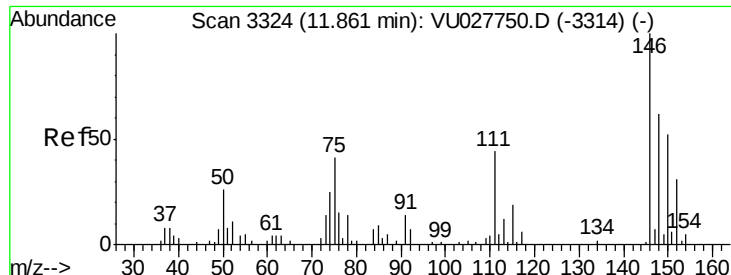


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#68

1,2-Dichlorobenzene-d4

Concen: 9.619 ug/l

RT: 11.86 min Scan# 3325

Delta R.T. 0.00 min

Lab File: VU027756.D

Acq: 23 Oct 2018 09:55

Instrument :

MSVOA_U

ClientSampleId :

1713DL

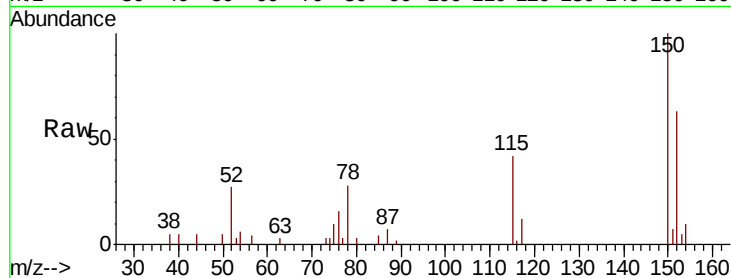
Tot Ion:152 Resp: 5097

Ion Ratio Lower Upper

152 100

115 64.4 0.0 130.2

150 157.7 0.0 650.6



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

