

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036536.D
 Acq On : 23 Jan 2020 13:04
 Operator : JC/MD
 Sample : L1134-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Jan 27 09:23:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

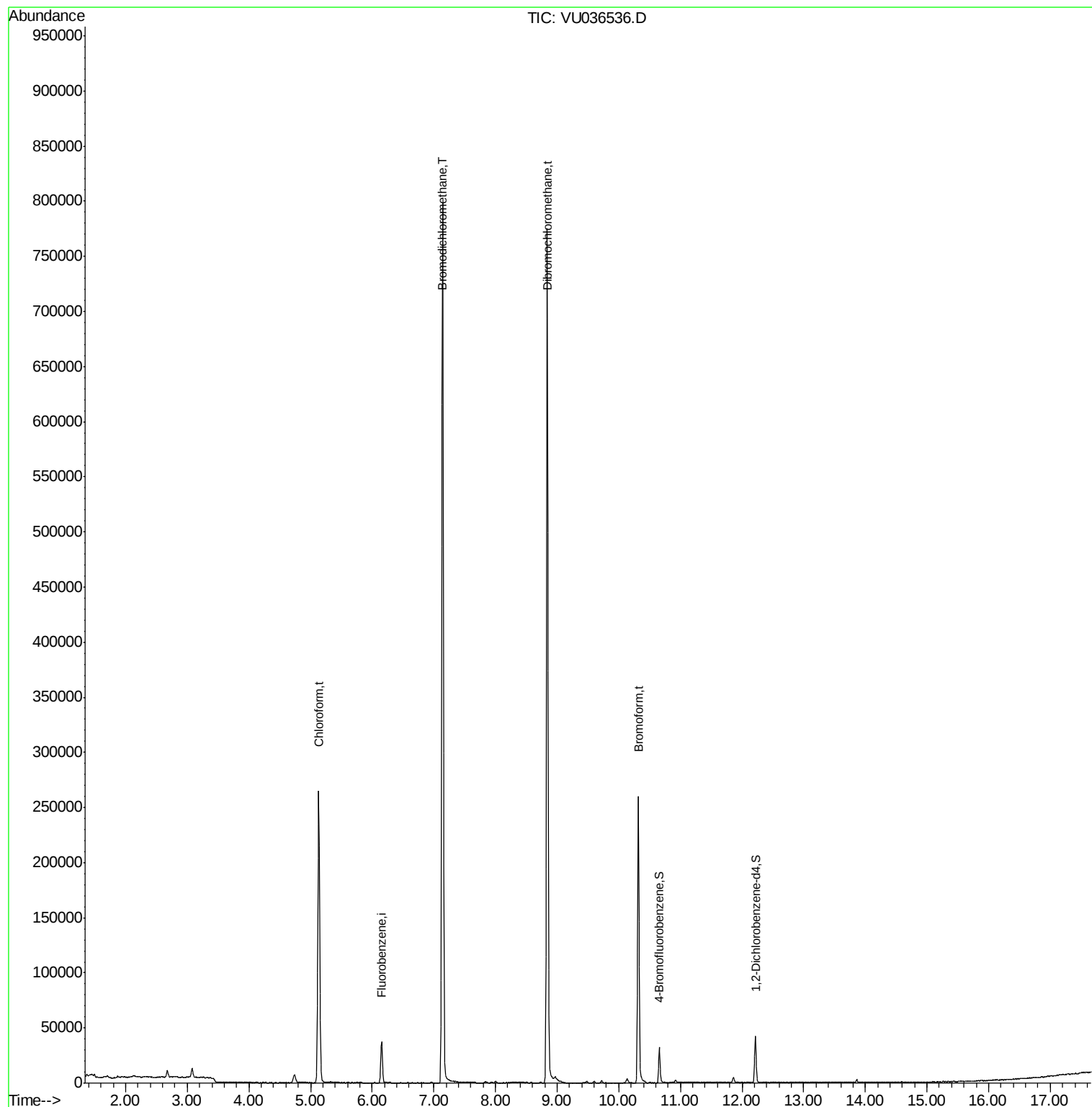
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.15	96	36217	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	12649	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	13102	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						Ovalue
27) Chloroform	5.13	83	236302	13.954	ug/l	100
44) Bromodichloromethane	7.14	83	529755	42.526	ug/l	100
55) Dibromochloromethane	8.84	129	417619	48.545	ug/l	100
67) Bromoform	10.32	173	127226	25.830	ug/l	100
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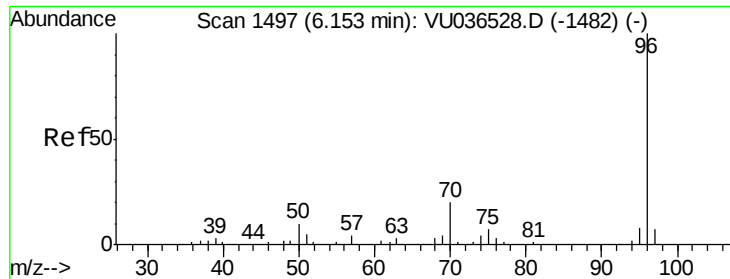
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 23 08:59:25 2020
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

Tot Ion: 96 Resp: 36217

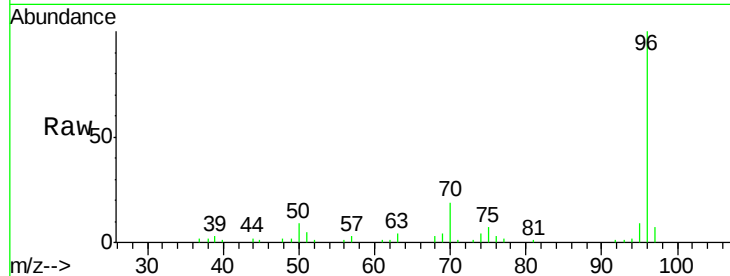
Ion Ratio Lower Upper

96 100

70 18.6 15.6 23.4

95 8.7 7.0 10.6

97 6.6 0.0 0.0#

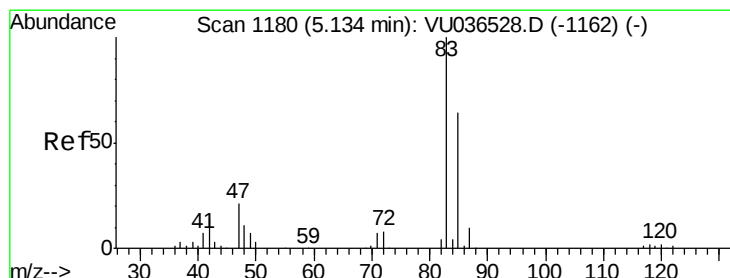
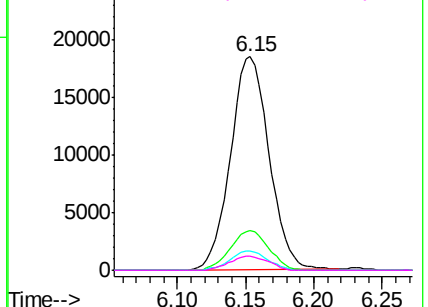
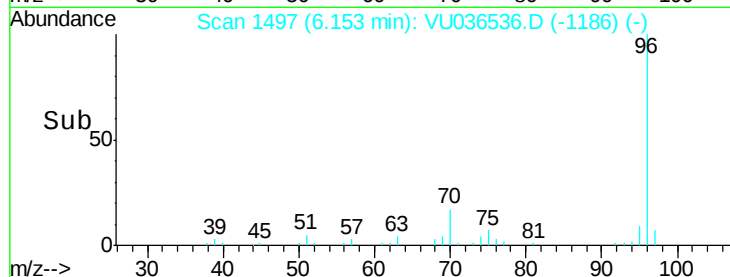


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 13.954 ug/l

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036536.D

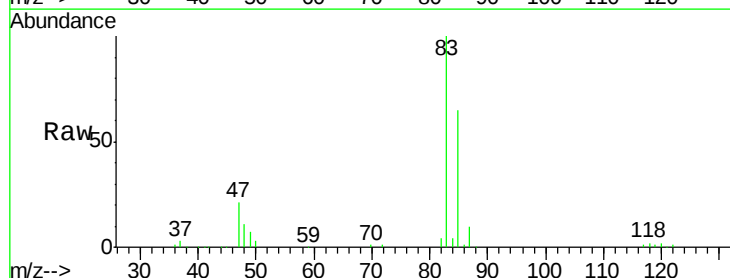
Acq: 23 Jan 2020 13:04

Tgt Ion: 83 Resp: 236302

Ion Ratio Lower Upper

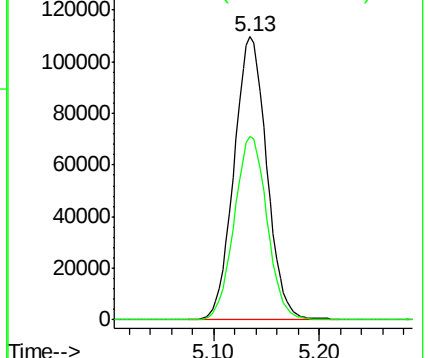
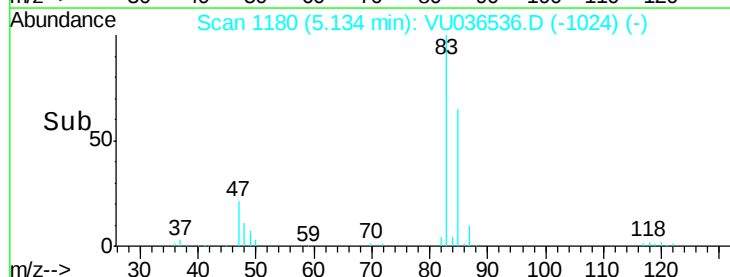
83 100

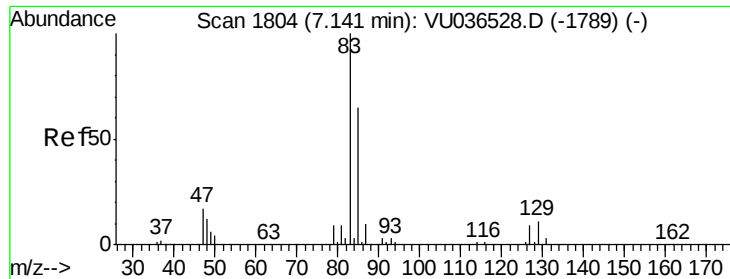
85 64.7 0.0 129.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

Bromodichloromethane

Concen: 42.526 ug/l

RT: 7.14 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

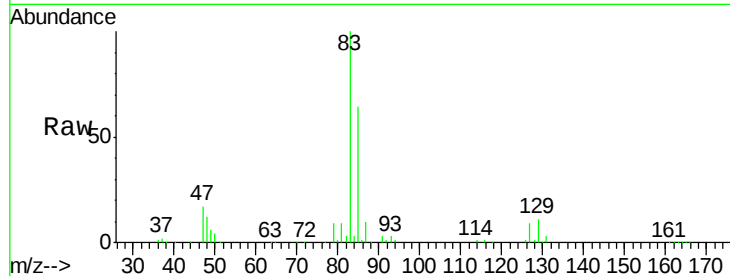
Tot Ion: 83 Resp: 529755

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

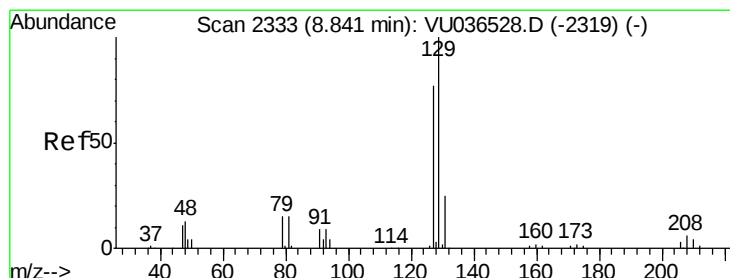
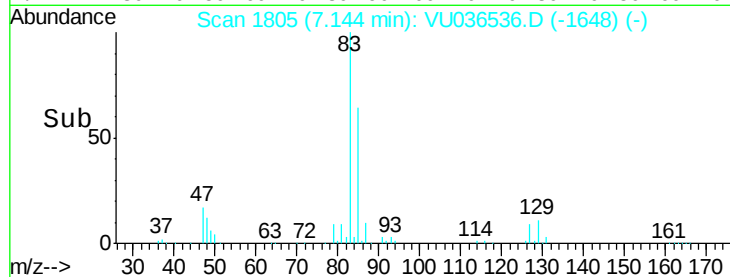
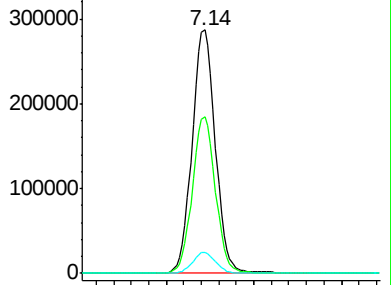
127 8.5 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VU036528.D (-1789) (-)

Ion 85.00 (84.70 to 85.70): VU036528.D (-1789) (-)

Ion 127.00 (126.70 to 127.70): VU036528.D (-1789) (-)



#55

Dibromochloromethane

Concen: 48.545 ug/l

RT: 8.84 min Scan# 2333

Delta R.T. -0.00 min

Lab File: VU036536.D

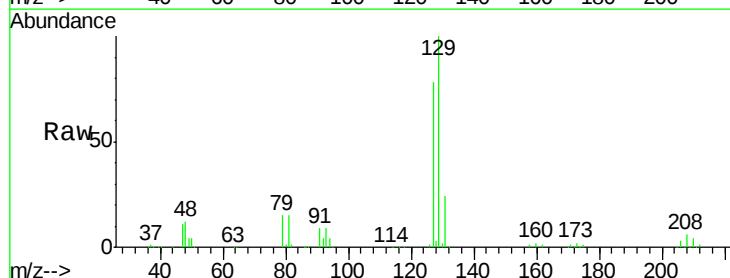
Acq: 23 Jan 2020 13:04

Tgt Ion:129 Resp: 417619

Ion Ratio Lower Upper

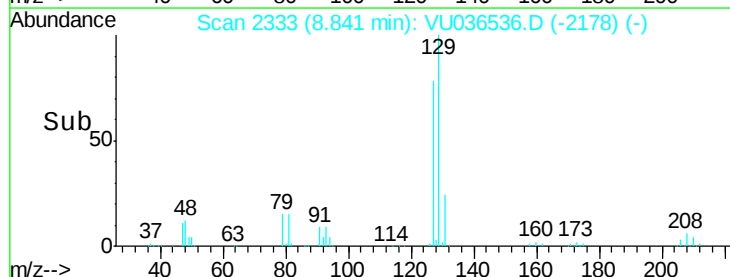
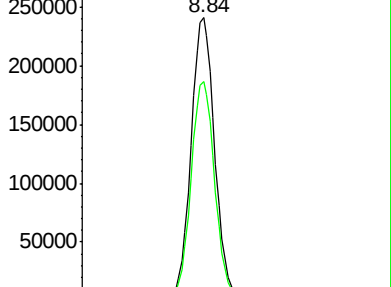
129 100

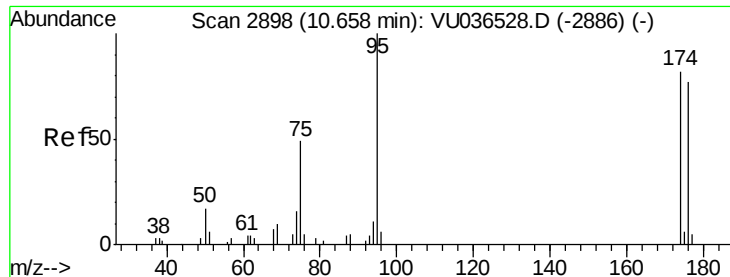
127 78.4 62.6 94.0



Abundance Ion 129.00 (128.70 to 129.70): VU036528.D (-2319) (-)

Ion 127.00 (126.70 to 127.70): VU036528.D (-2319) (-)





#57

4-Bromofluorobenzene

Concen: 0.925 ug/l

RT: 10.66 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

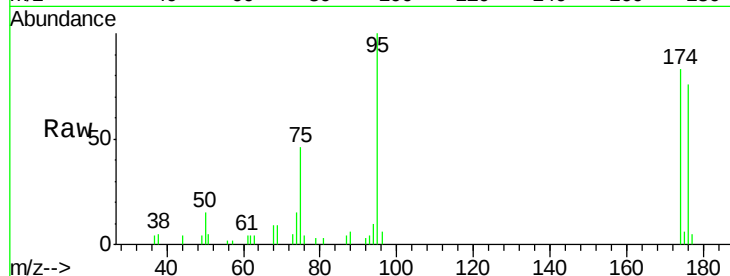
Tot Ion: 95 Resp: 12649

Ion Ratio Lower Upper

95 100

174 82.0 64.7 97.1

176 77.1 60.6 91.0

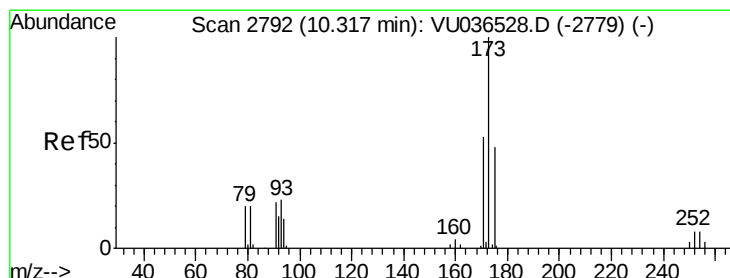
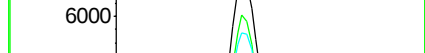
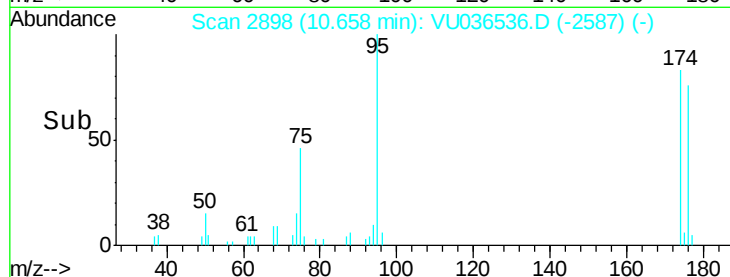


Abundance Ion 95.00 (94.70 to 95.70): VU036528.D (-2886) (-)

Ion 174.00 (173.70 to 174.70): VU036528.D (-2886) (-)

Ion 176.00 (175.70 to 176.70): VU036528.D (-2886) (-)

Time-->



#67

Bromoform

Concen: 25.830 ug/l

RT: 10.32 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VU036536.D

Acq: 23 Jan 2020 13:04

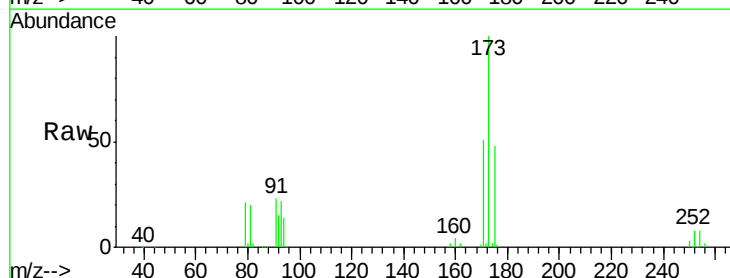
Tgt Ion: 173 Resp: 127226

Ion Ratio Lower Upper

173 100

175 47.9 38.3 57.5

254 8.1 6.6 9.8

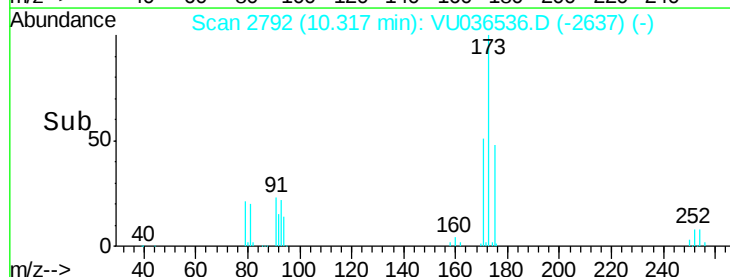


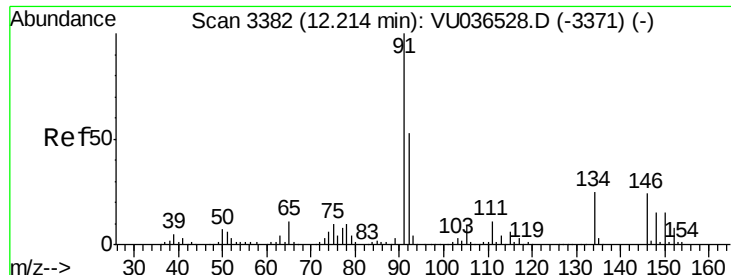
Abundance Ion 172.90 (172.60 to 173.60): VU036528.D (-2779) (-)

Ion 174.90 (174.60 to 175.60): VU036528.D (-2779) (-)

Ion 253.75 (253.45 to 254.45): VU036528.D (-2779) (-)

Time-->





#68
 1,2-Dichlorobenzene-d4
 Concen: 0.936 ug/l
 RT: 12.22 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VU036536.D
 Acq: 23 Jan 2020 13:04

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	0.0	241.8
150	151.8	0.0	652.4

