

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020620\
 Data File : VX014854.D
 Acq On : 06 Feb 2020 17:43
 Operator : JC/SP
 Sample : K1437-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Quant Time: Feb 07 02:43:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

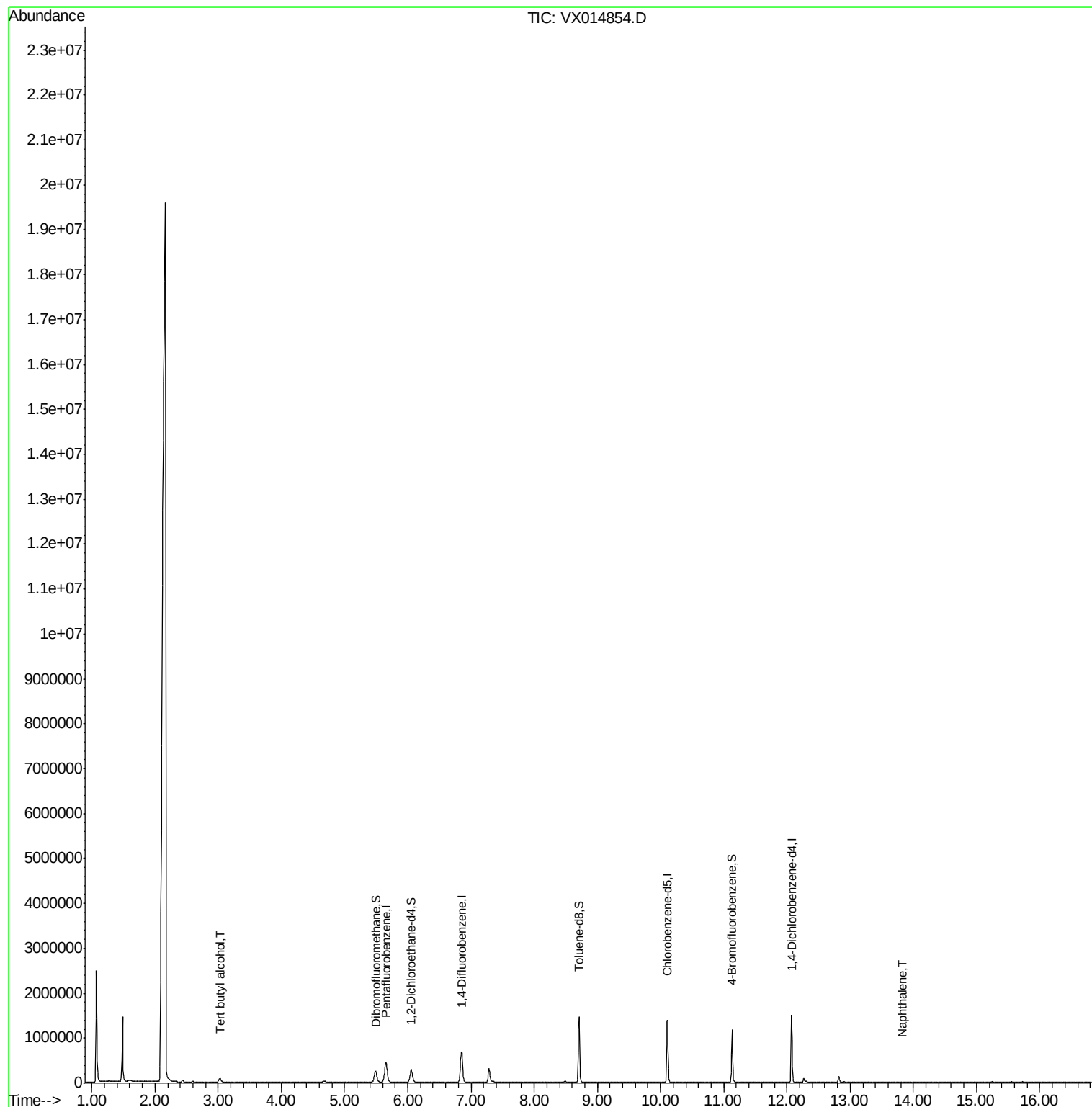
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	461397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	711632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	658961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	257635	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	5.49	113	209863	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	851179	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	300672	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
11) Tert butyl alcohol	3.03	59	106167	87.765	ug/l	99
95) Naphthalene	13.83	128	2758	1.053	ug/l #	70

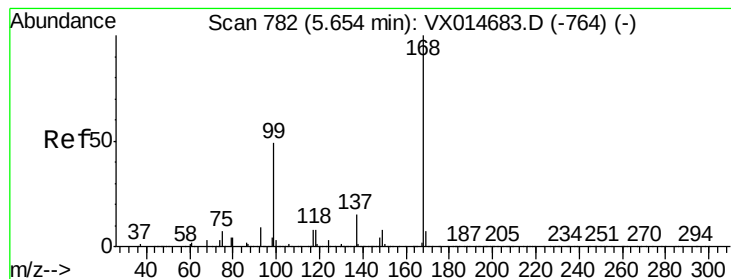
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020620\
Data File : VX014854.D
Acq On : 06 Feb 2020 17:43
Operator : JC/SP
Sample : K1437-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

Quant Time: Feb 07 02:43:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014854.D

Acq: 06 Feb 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

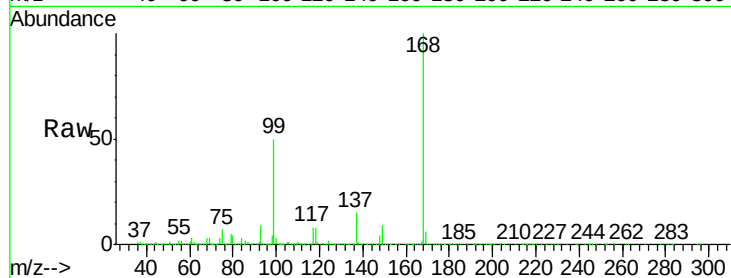
GROUNDWATER

Tot Ion:168 Resp: 461397

Ion Ratio Lower Upper

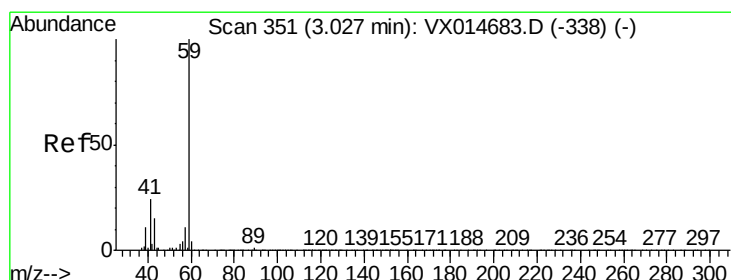
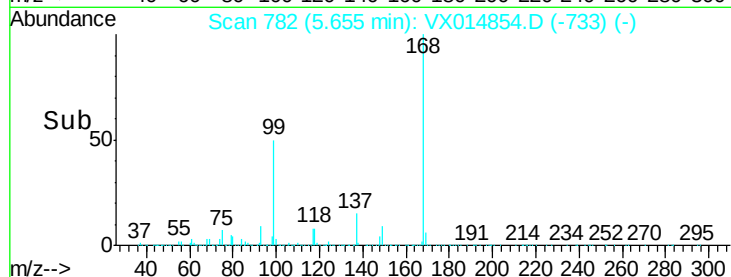
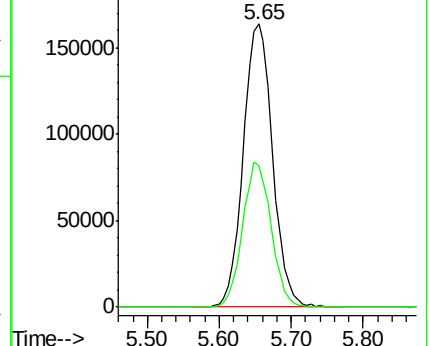
168 100

99 49.8 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 87.765 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX014854.D

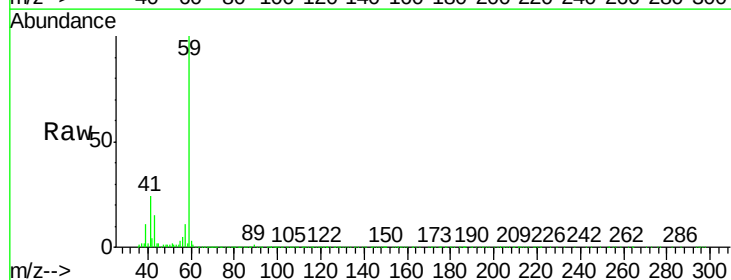
Acq: 06 Feb 2020 17:43

Tgt Ion: 59 Resp: 106167

Ion Ratio Lower Upper

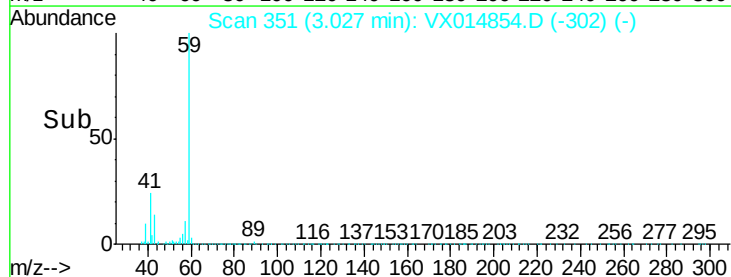
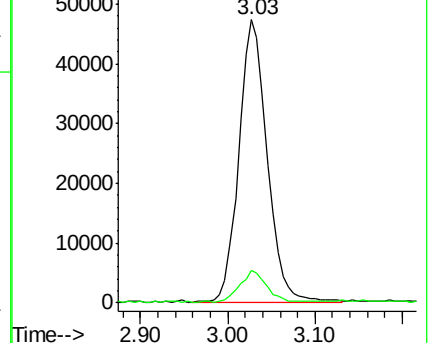
59 100

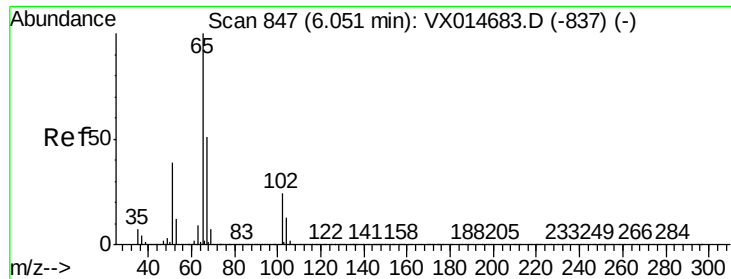
57 10.6 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

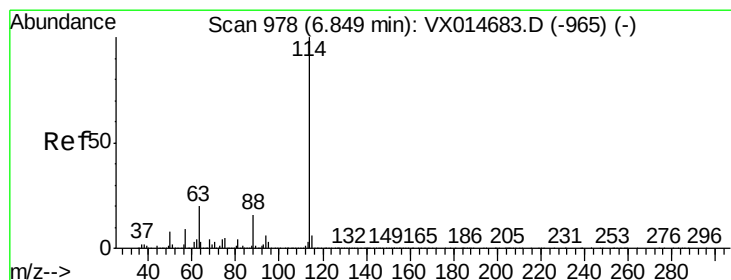
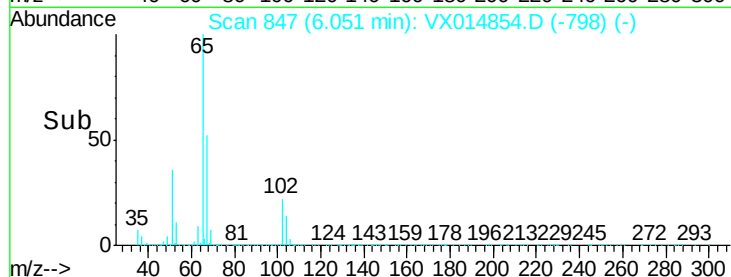
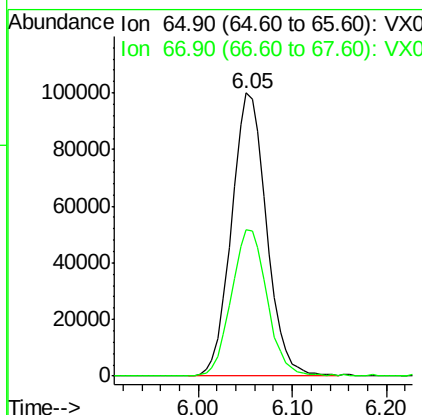
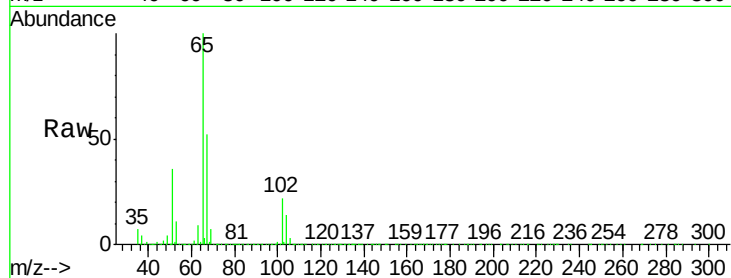




#33
 1,2-Dichloroethane-d4
 Concen: 47.816 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014854.D
 Acq: 06 Feb 2020 17:43

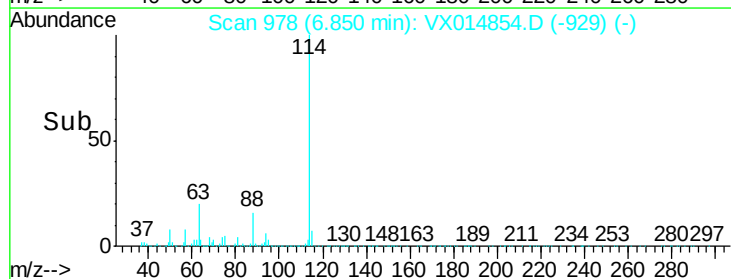
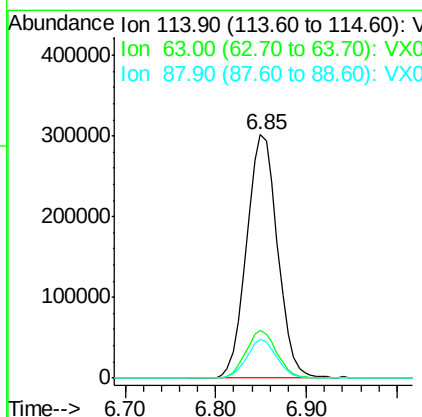
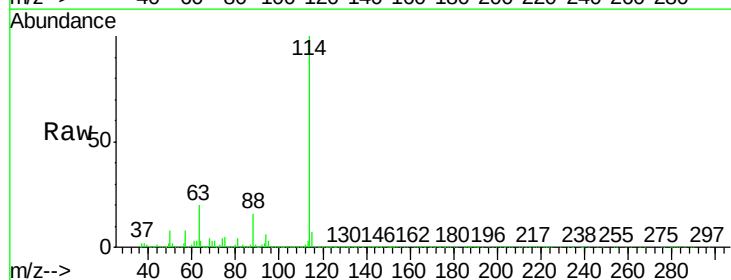
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

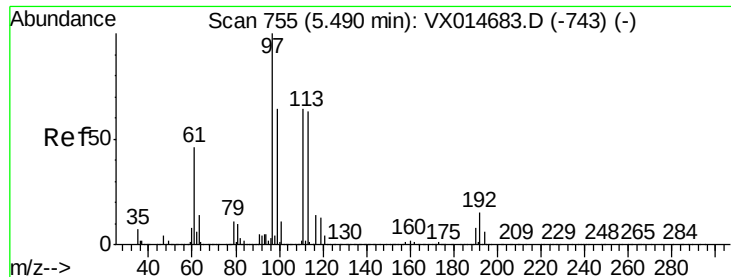
Tot Ion: 65 Resp: 257635
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014854.D
 Acq: 06 Feb 2020 17:43

Tgt Ion: 114 Resp: 711632
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.6
 88 15.8 0.0 31.2

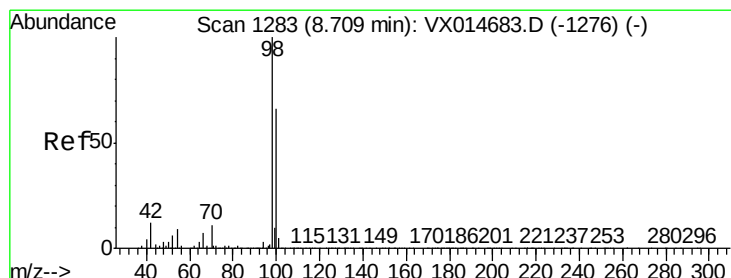
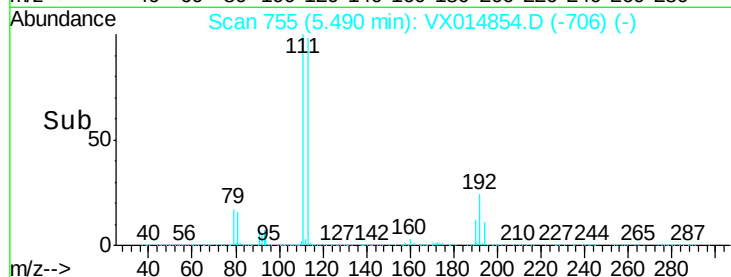
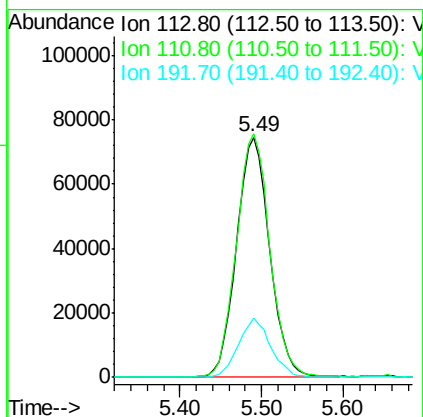
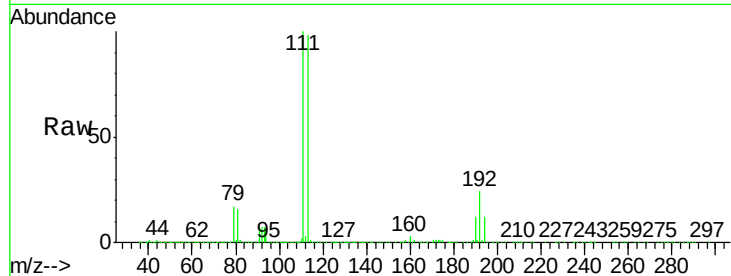




#35
 Dibromofluoromethane
 Concen: 46.736 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014854.D
 Acq: 06 Feb 2020 17:43

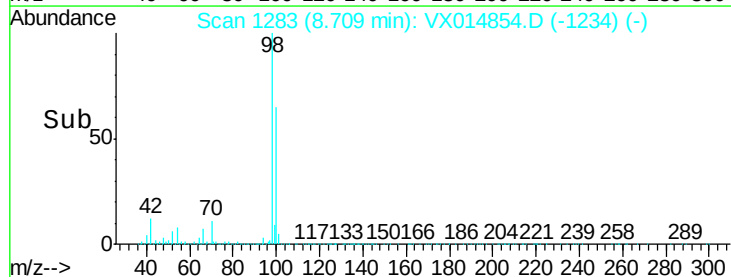
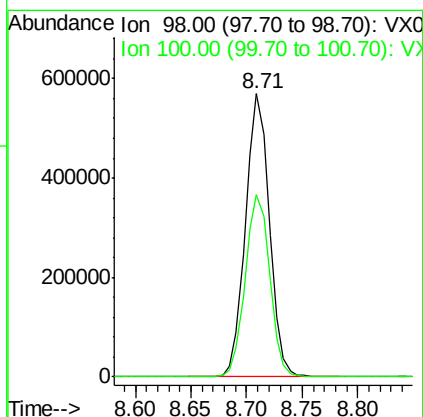
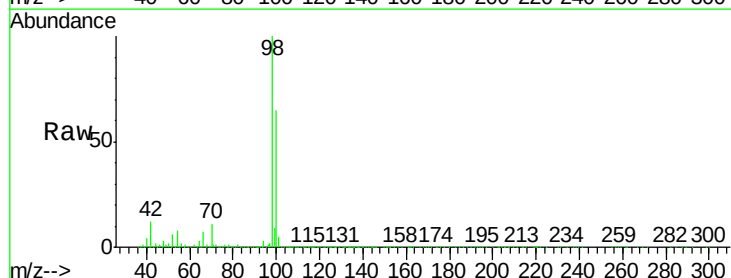
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

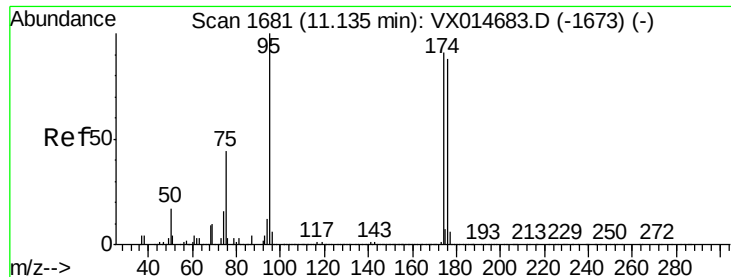
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	24.1	18.5	27.7



#50
 Toluene-d8
 Concen: 49.307 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014854.D
 Acq: 06 Feb 2020 17:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 48.895 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014854.D

Acq: 06 Feb 2020 17:43

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

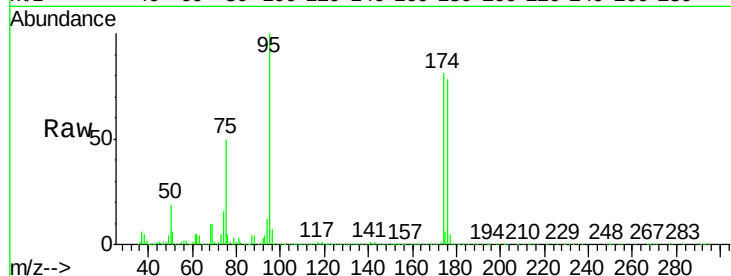
Tot Ion: 95 Resp: 300672

Ion Ratio Lower Upper

95 100

174 91.6 0.0 176.0

176 88.1 0.0 172.2

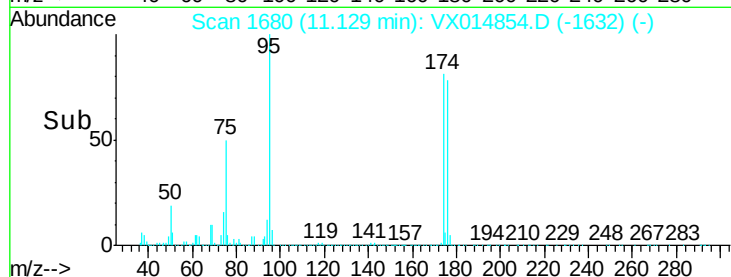


Abundance Ion 94.90 (94.60 to 95.60): VX014683.D (-1673) (-)

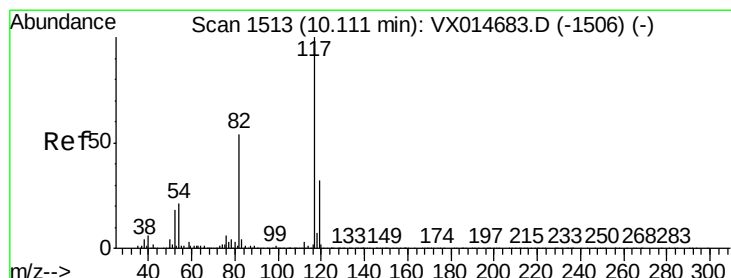
Ion 173.80 (173.50 to 174.50): VX014683.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014683.D (-1673) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014854.D

Acq: 06 Feb 2020 17:43

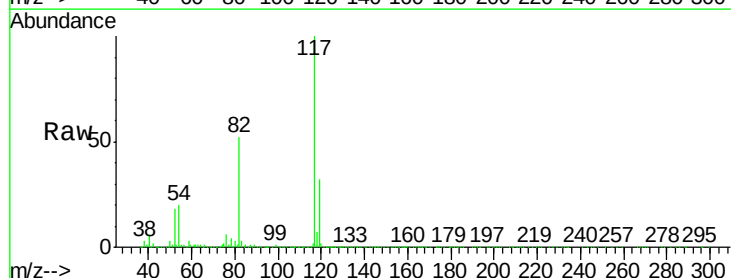
Tgt Ion: 117 Resp: 658961

Ion Ratio Lower Upper

117 100

82 51.9 43.2 64.8

119 32.1 25.8 38.6

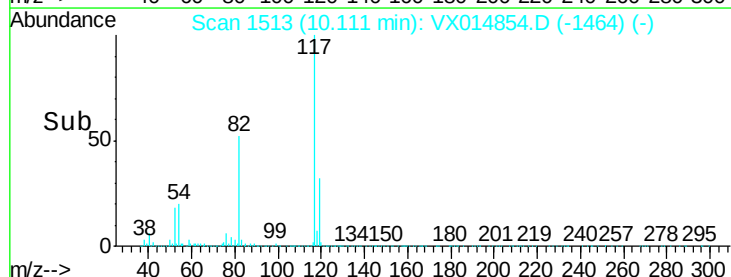


Abundance Ion 116.90 (116.60 to 117.60): VX014683.D (-1506) (-)

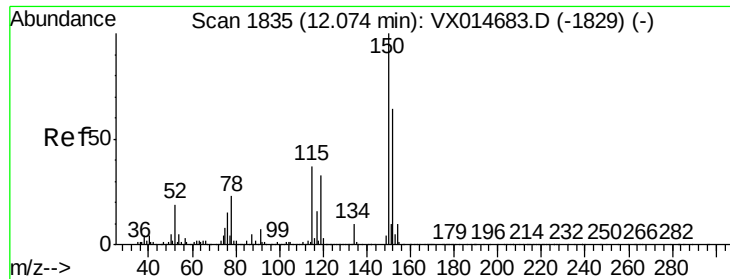
Ion 82.00 (81.70 to 82.70): VX014683.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX014683.D (-1506) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014854.D

Acq: 06 Feb 2020 17:43

Instrument :

MSVOA_X

ClientSampled :

GROUNDWATER

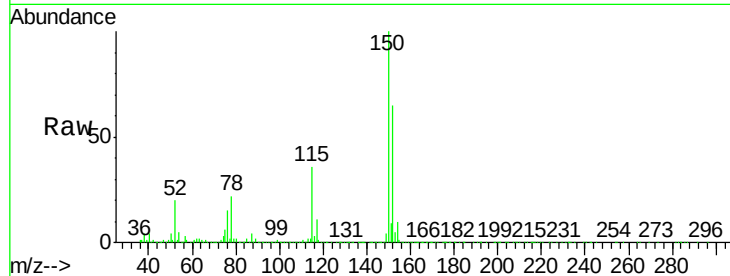
Tot Ion:152 Resp: 317790

Ion Ratio Lower Upper

152 100

115 55.2 39.4 118.1

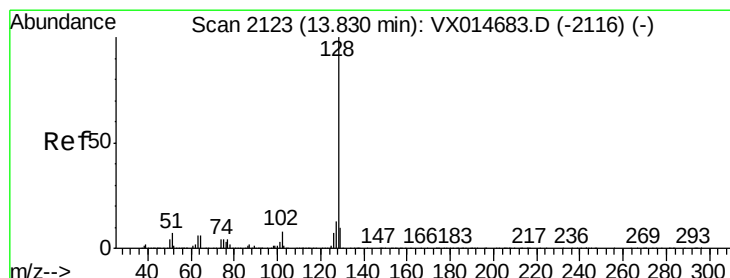
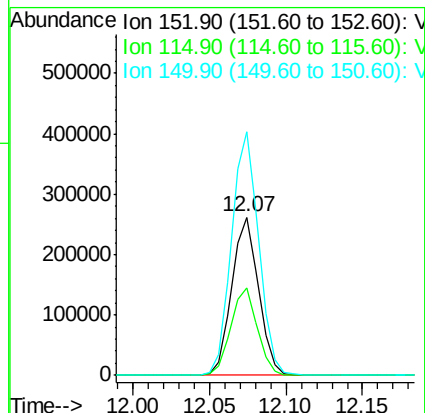
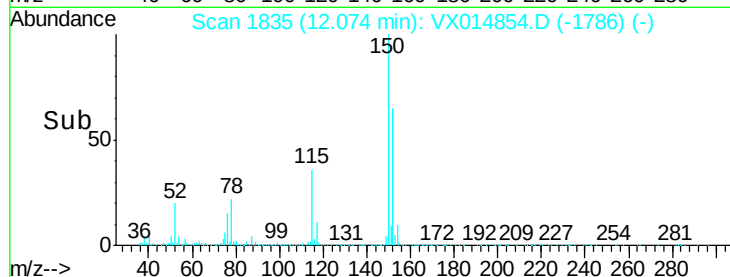
150 155.5 0.0 351.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.053 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014854.D

Acq: 06 Feb 2020 17:43

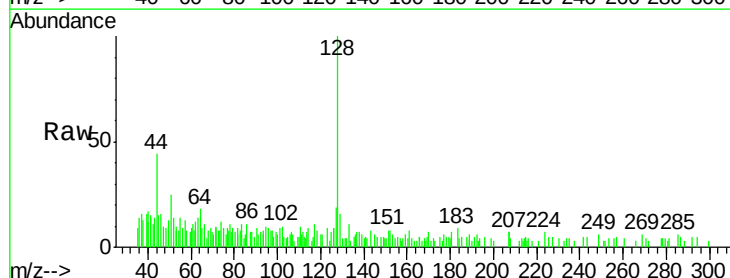
Tgt Ion:128 Resp: 2758

Ion Ratio Lower Upper

128 100

127 31.4 10.3 15.5#

129 14.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

