

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006755.D
 Acq On : 22 Dec 2018 06:12
 Operator : JC/MD
 Sample : J6503-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-GROUNDWATER-1-1

Quant Time: Dec 22 09:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

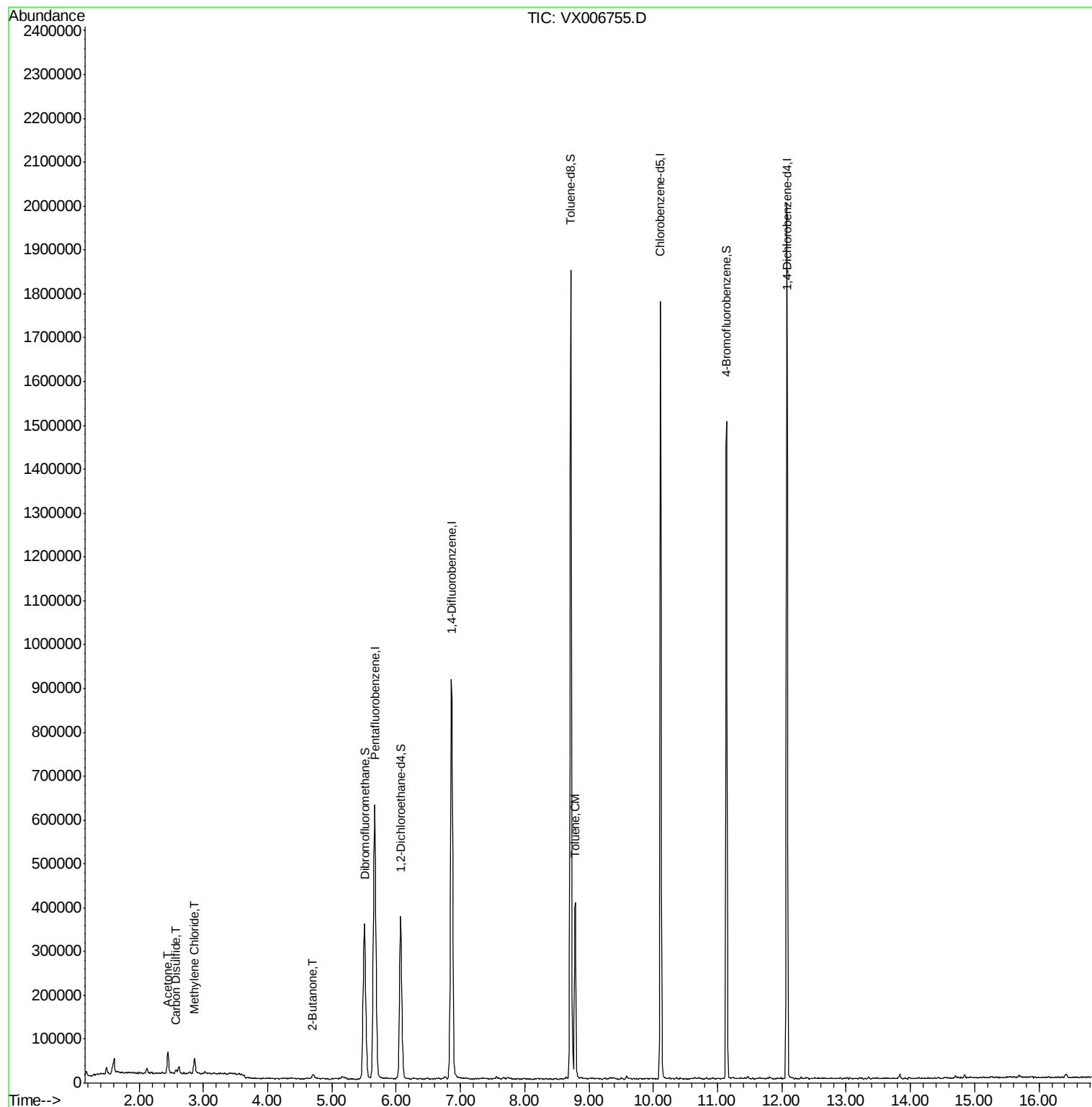
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	631014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	986150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	882807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344171	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	5.51	113	299396	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	1152401	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.14	95	403248	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
16) Acetone	2.45	43	51617	16.520	ug/l	98
17) Carbon Disulfide	2.57	76	12801	0.858	ug/l #	95
20) Methylene Chloride	2.86	84	16601	2.569	ug/l	90
25) 2-Butanone	4.70	43	16513	3.757	ug/l	94
52) Toluene	8.79	92	157066	9.793	ug/l	99

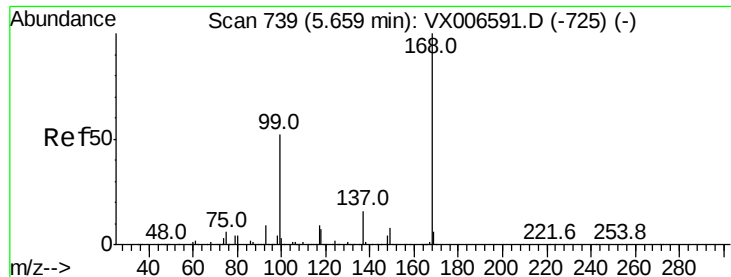
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

Instrument :

MSVOA_X

ClientSampleId :

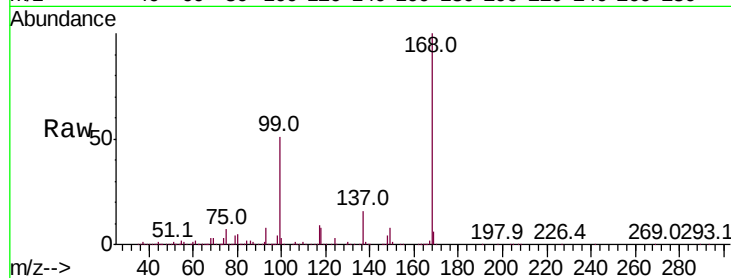
TP-GROUNDWATER-1-1

Tot Ion:168 Resp: 631014

Ion Ratio Lower Upper

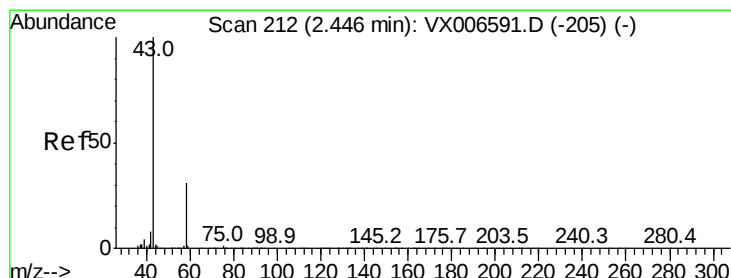
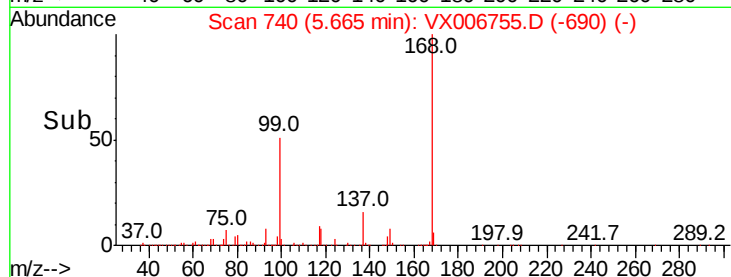
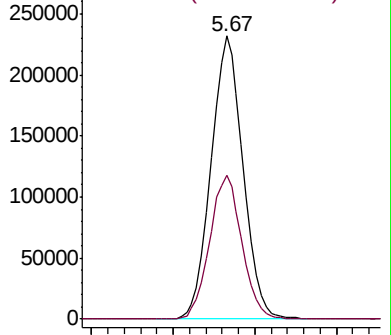
168 100

99 50.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 16.520 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006755.D

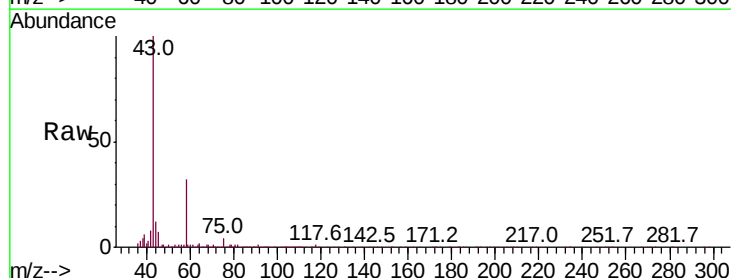
Acq: 22 Dec 2018 06:12

Tgt Ion: 43 Resp: 51617

Ion Ratio Lower Upper

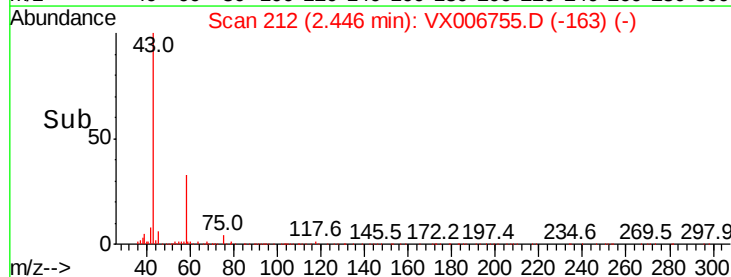
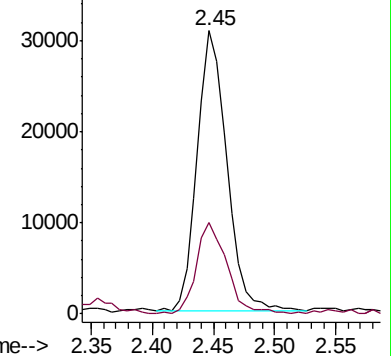
43 100

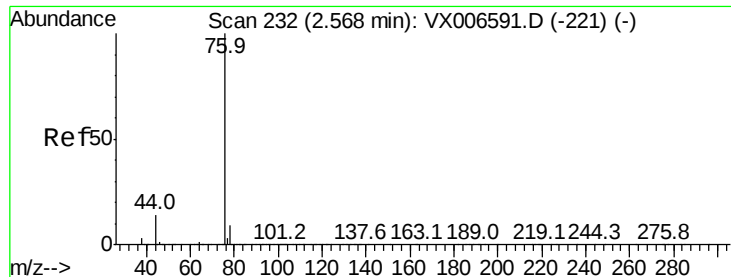
58 32.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.858 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

Instrument :

MSVOA_X

ClientSampleId :

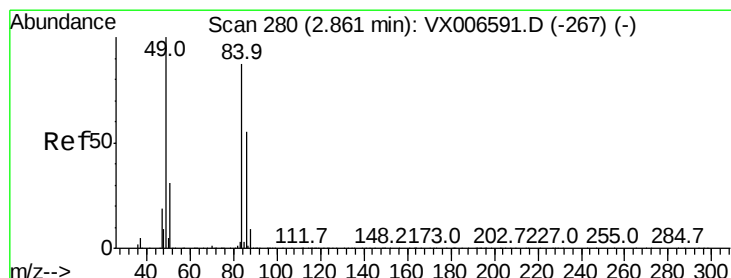
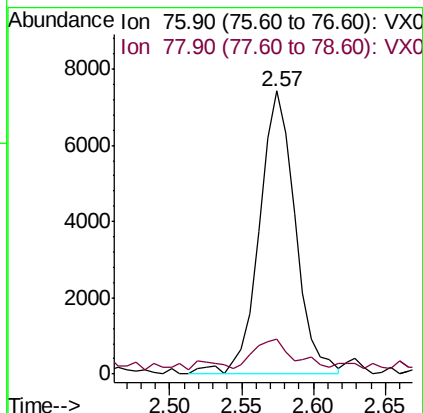
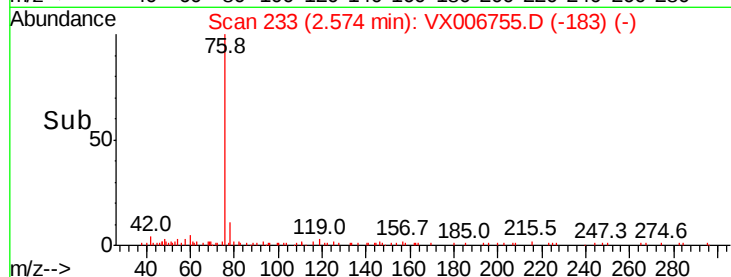
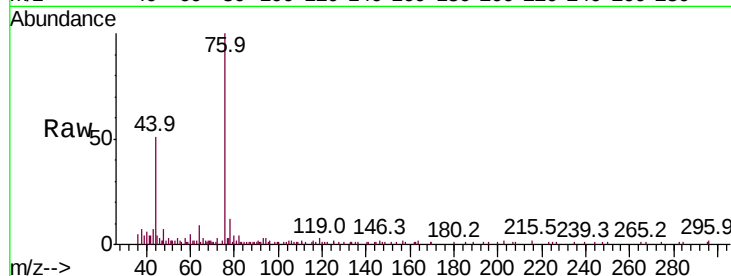
TP-GROUNDWATER-1-1

Tot Ion: 76 Resp: 12801

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.6#



#20

Methylene Chloride

Concen: 2.569 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

Tgt Ion: 84 Resp: 16601

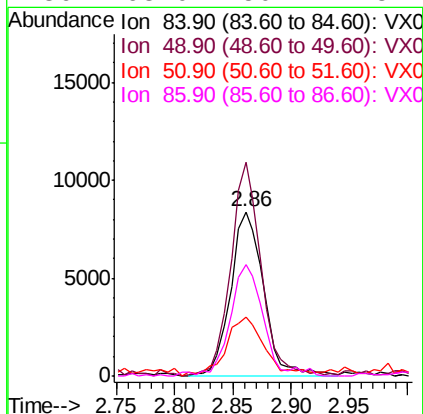
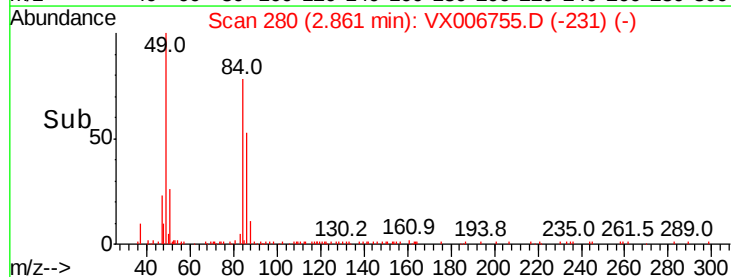
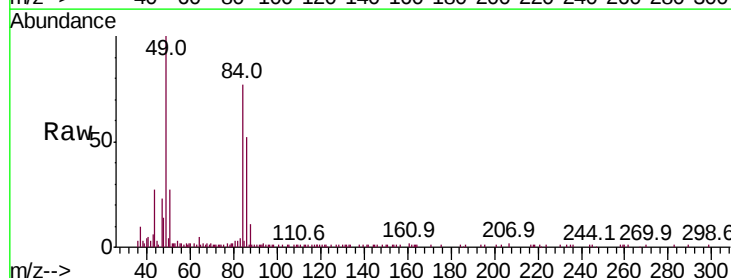
Ion Ratio Lower Upper

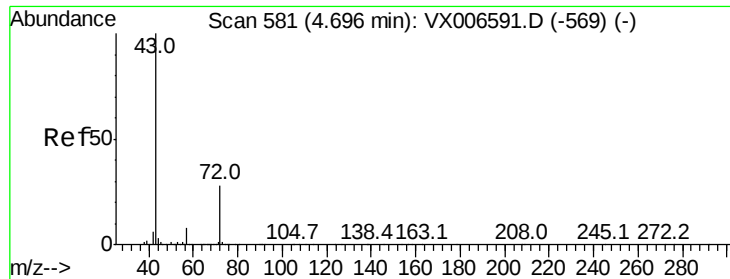
84 100

49 129.6 91.8 137.6

51 33.3 28.5 42.7

86 68.0 50.2 75.2





#25

2-Butanone

Concen: 3.757 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

Instrument :

MSVOA_X

ClientSampleId :

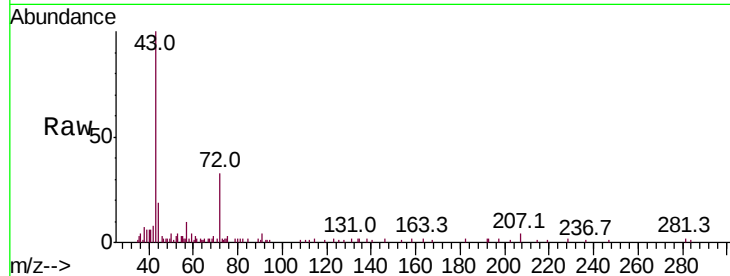
TP-GROUNDWATER-1-1

Tot Ion: 43 Resp: 16513

Ion Ratio Lower Upper

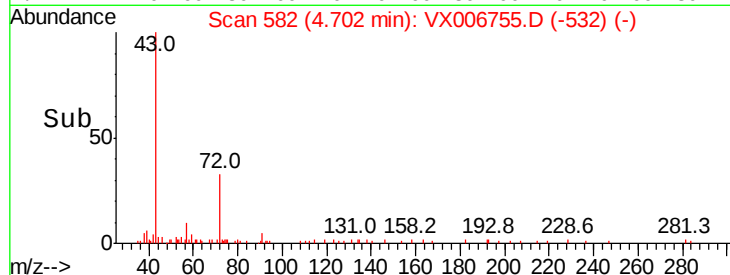
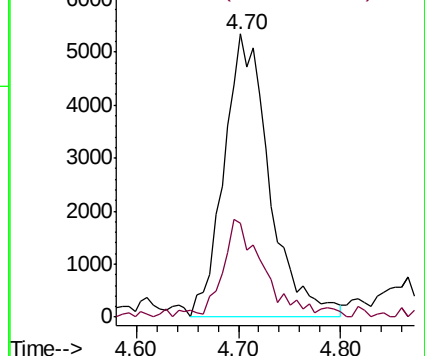
43 100

72 31.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.607 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006755.D

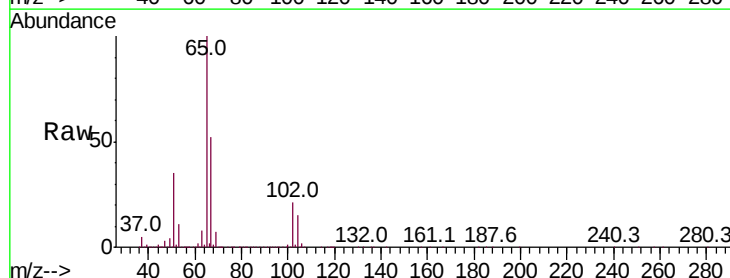
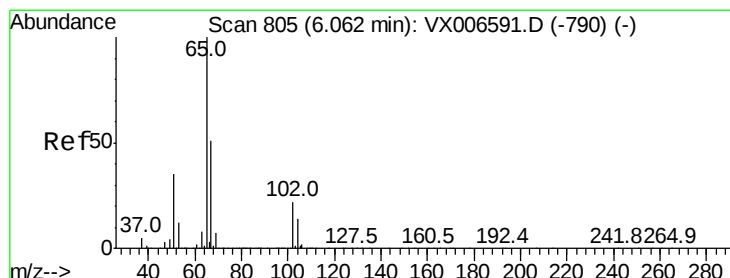
Acq: 22 Dec 2018 06:12

Tgt Ion: 65 Resp: 344171

Ion Ratio Lower Upper

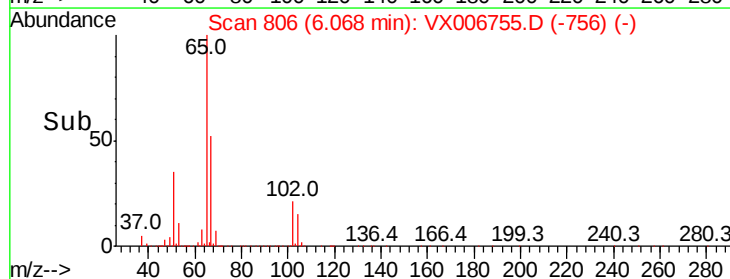
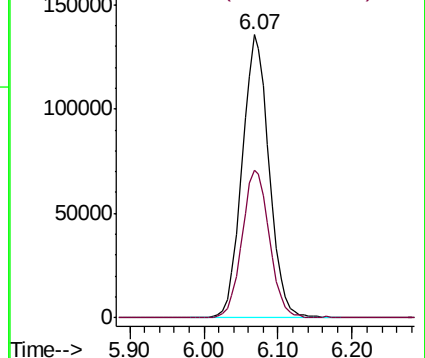
65 100

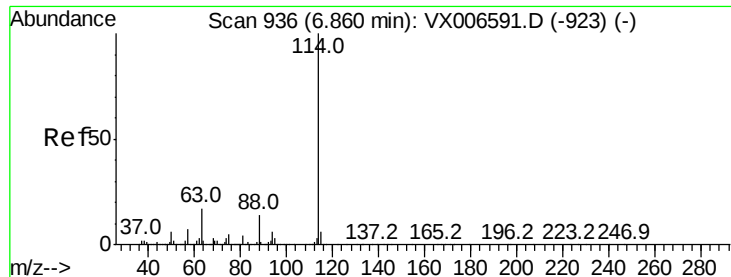
67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER-1-1

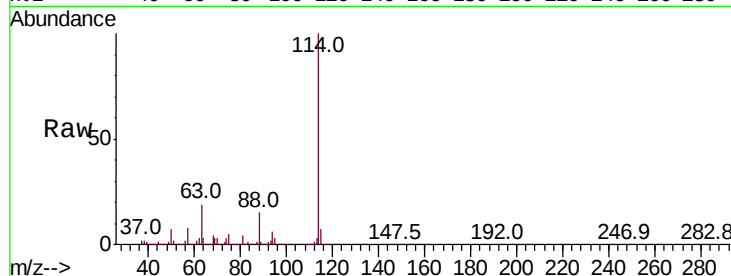
Tot Ion:114 Resp: 986150

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

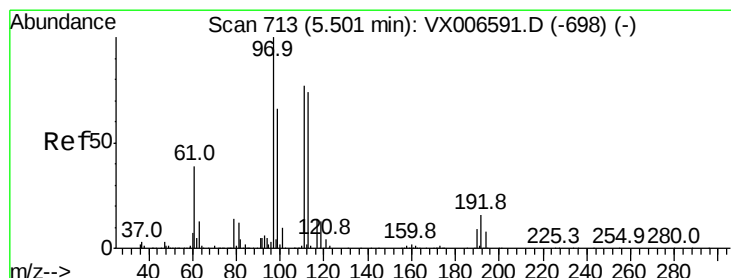
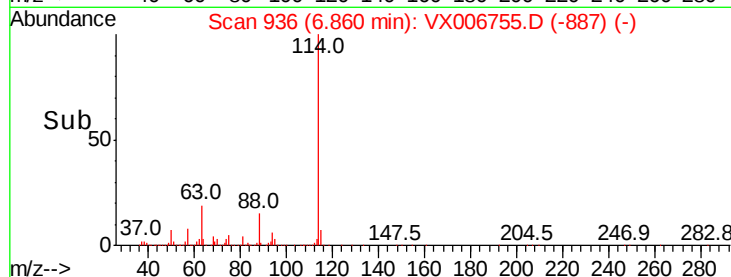
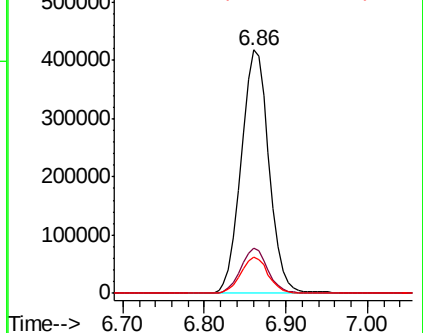
88 14.6 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.009 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

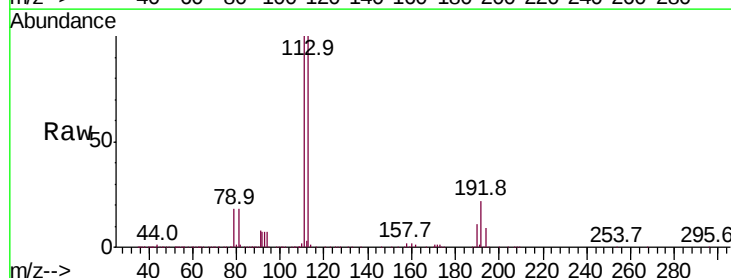
Tgt Ion:113 Resp: 299396

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

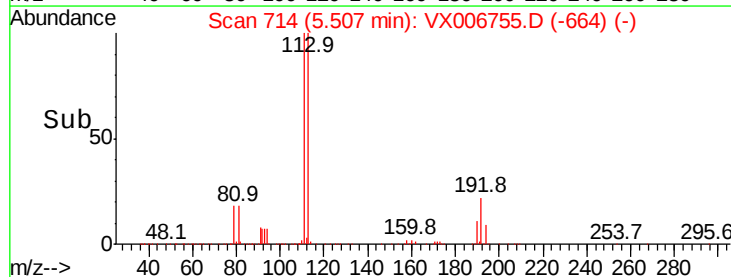
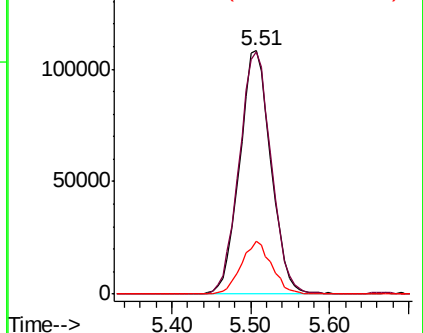
192 21.1 16.7 25.1

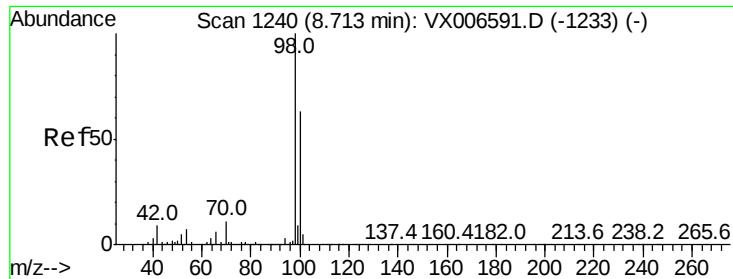


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

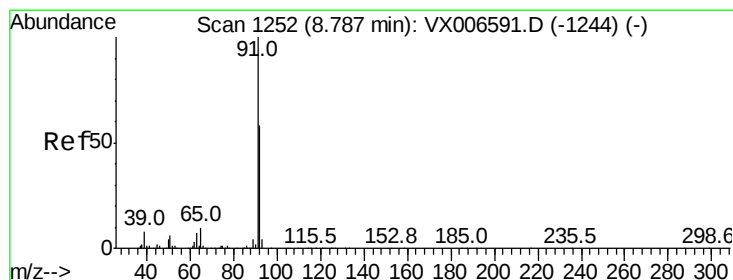
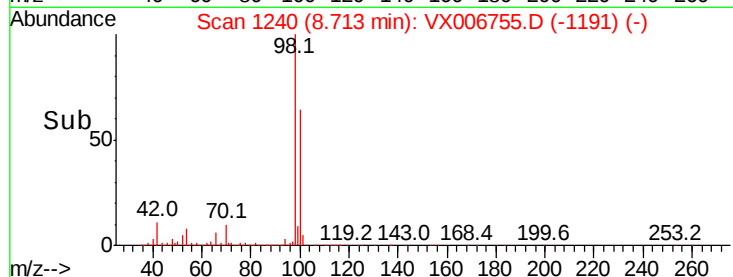
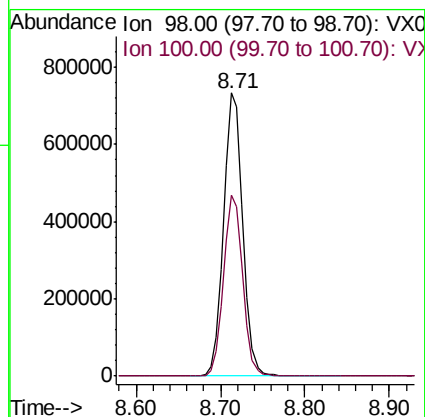
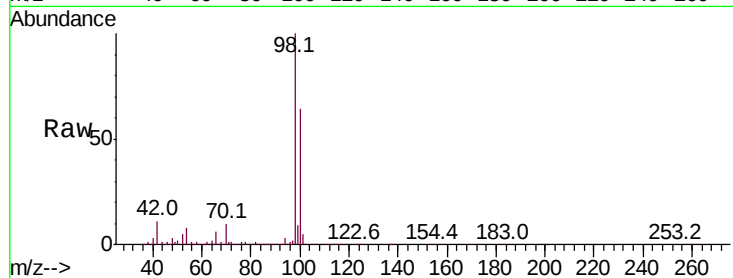




#50
Toluene-d8
Concen: 49.016 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006755.D
Acq: 22 Dec 2018 06:12

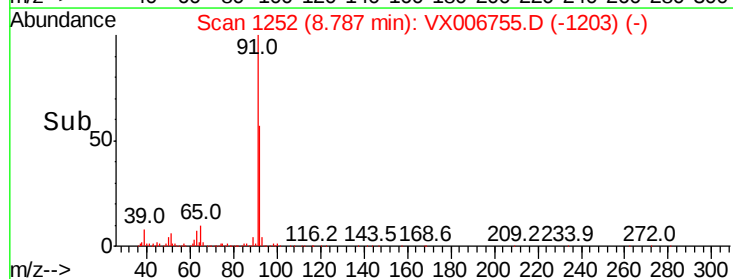
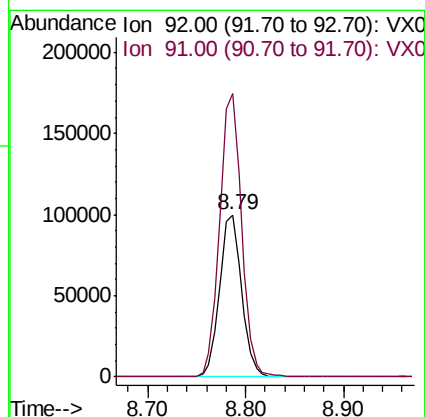
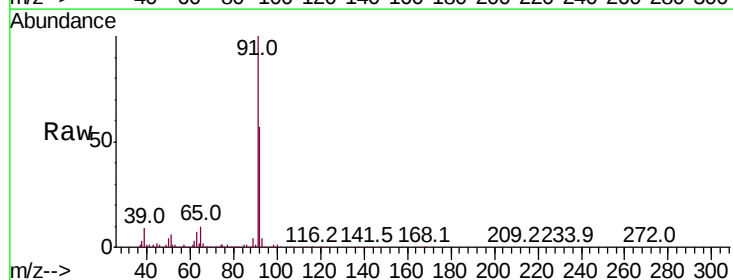
Instrument :
MSVOA_X
ClientSampleId :
TP-GROUNDWATER-1-1

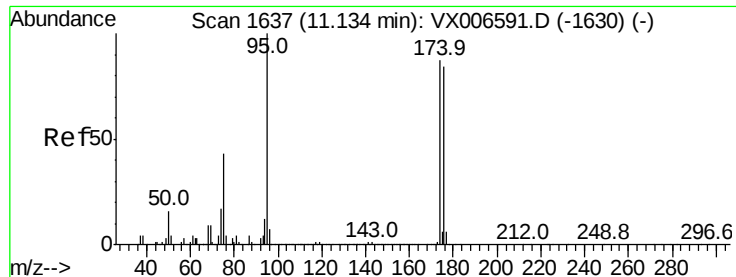
Tot Ion: 98 Resp: 1152401
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#52
Toluene
Concen: 9.793 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006755.D
Acq: 22 Dec 2018 06:12

Tgt Ion: 92 Resp: 157066
Ion Ratio Lower Upper
92 100
91 174.0 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 46.831 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER-1-1

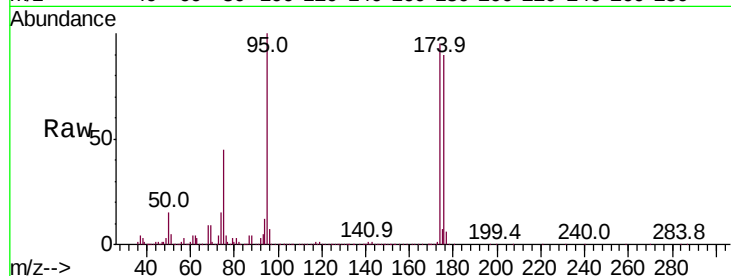
Tot Ion: 95 Resp: 403248

Ion Ratio Lower Upper

95 100

174 88.7 0.0 182.2

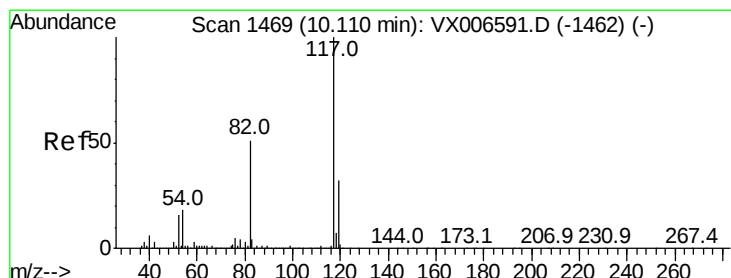
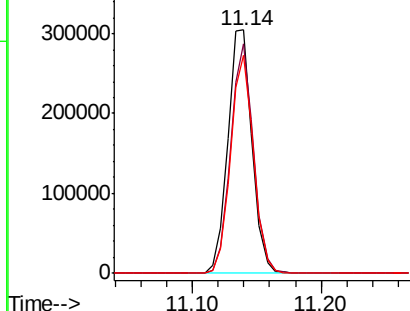
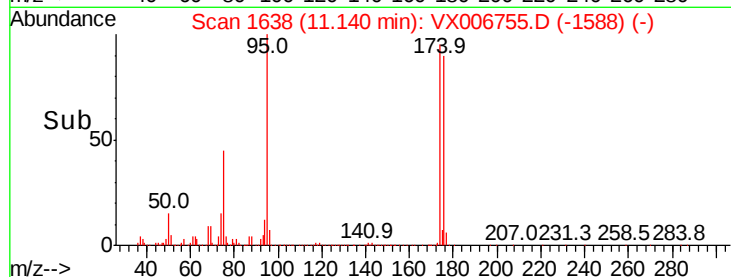
176 84.6 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006755.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006755.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006755.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

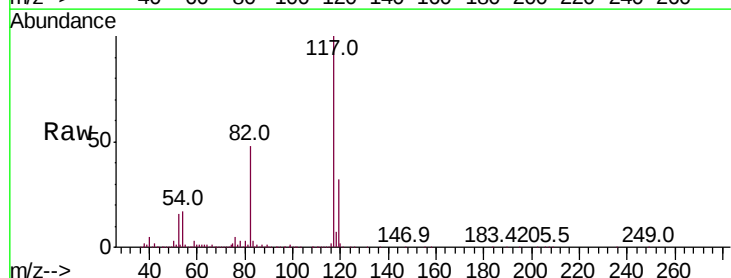
Tgt Ion: 117 Resp: 882807

Ion Ratio Lower Upper

117 100

82 47.9 41.0 61.6

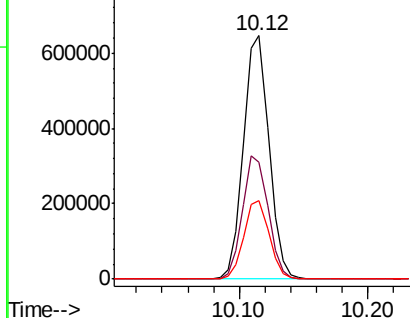
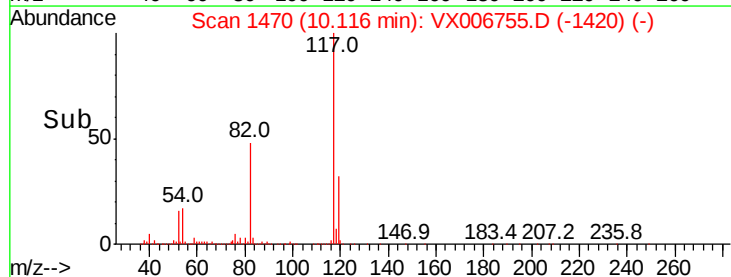
119 32.2 25.4 38.0

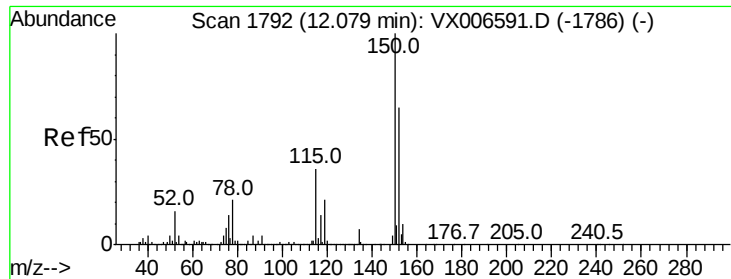


Abundance Ion 116.90 (116.60 to 117.60): VX006755.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006755.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006755.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006755.D

Acq: 22 Dec 2018 06:12

Instrument :

MSVOA_X

ClientSampleId :

TP-GROUNDWATER-1-1

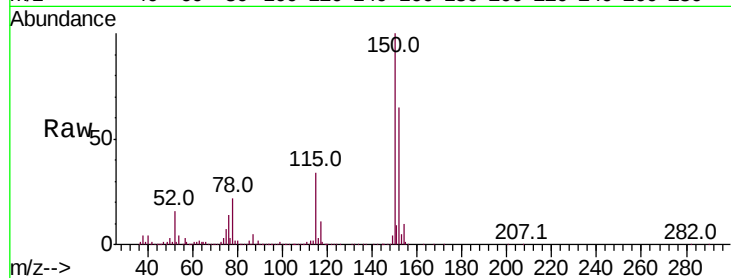
Tot Ion:152 Resp: 416668

Ion Ratio Lower Upper

152 100

115 54.9 39.1 117.2

150 157.3 0.0 344.8



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

