

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018878.D
 Acq On : 10 Oct 2020 01:19
 Operator : JC/SP
 Sample : L4303-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EQB2-20201003

Quant Time: Oct 10 07:28:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

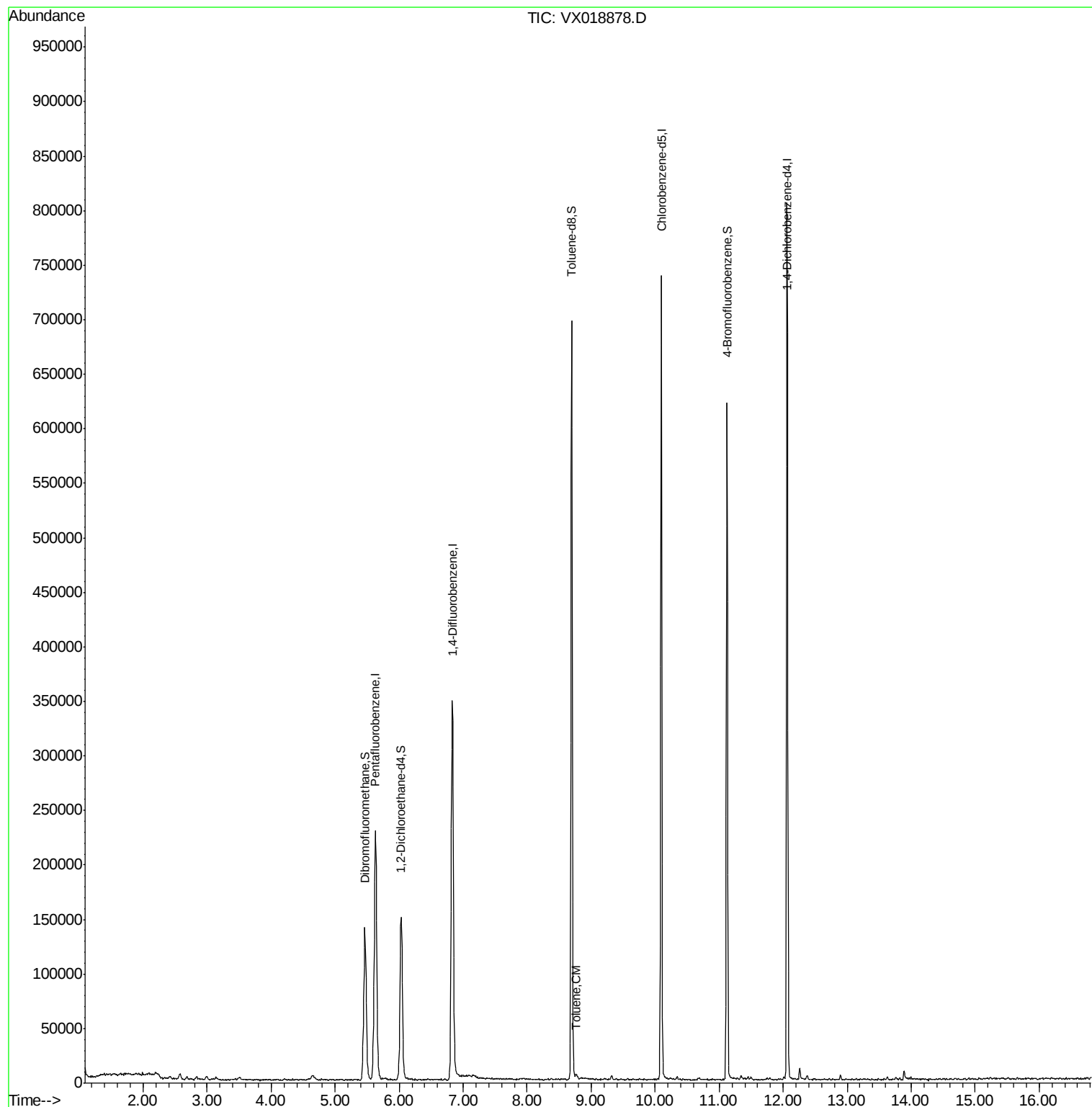
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	203165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	328637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	322307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	164795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	157039	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
35) Dibromofluoromethane	5.46	113	115878	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	8.70	98	394083	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.12	95	154334	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
52) Toluene	8.77	92	1540	0.259	ug/l	Qvalue 92

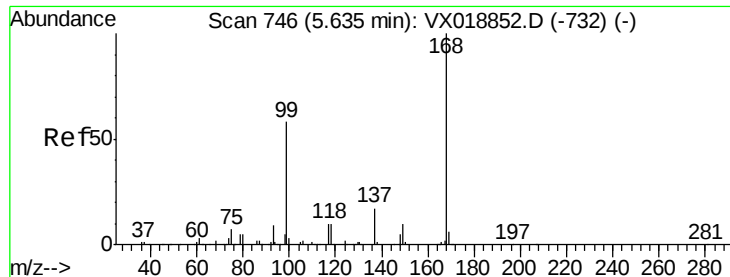
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018878.D

Acq: 10 Oct 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

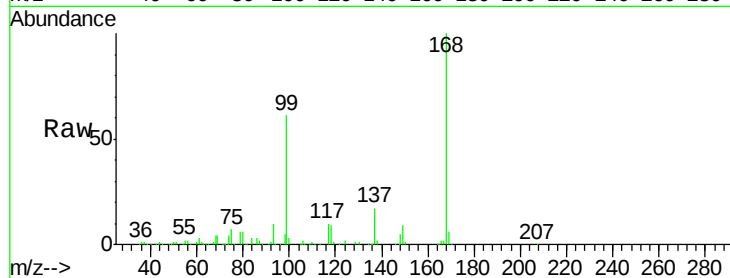
EQB2-20201003

Tot Ion:168 Resp: 203165

Ion Ratio Lower Upper

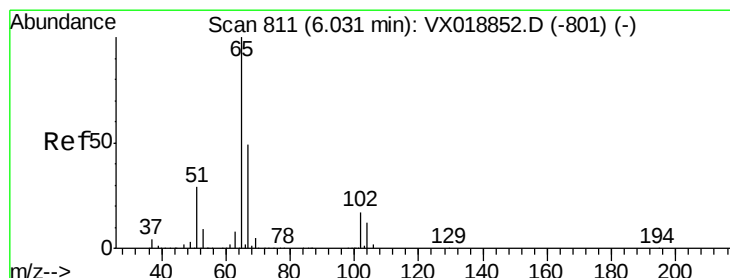
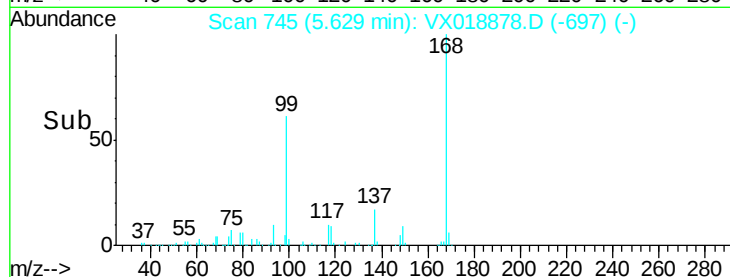
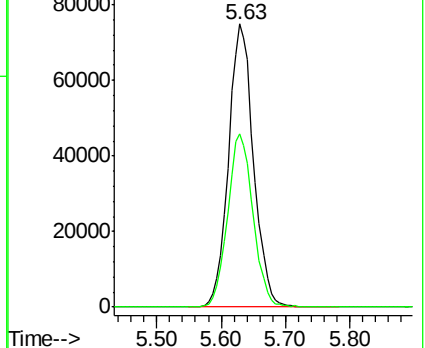
168 100

99 61.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.408 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018878.D

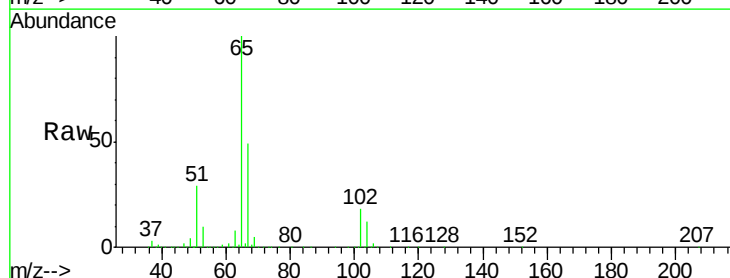
Acq: 10 Oct 2020 01:19

Tgt Ion: 65 Resp: 157039

Ion Ratio Lower Upper

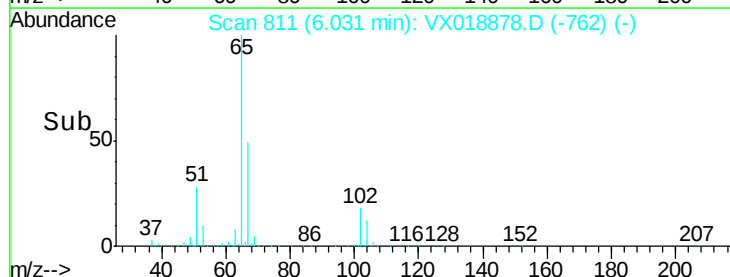
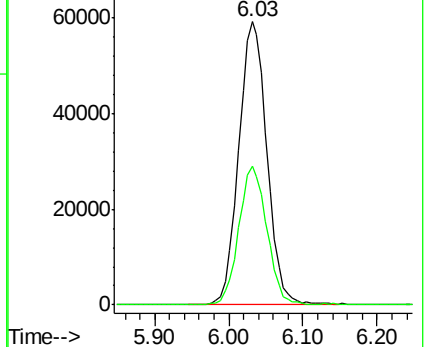
65 100

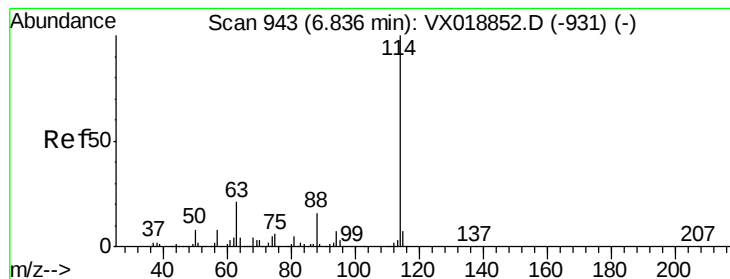
67 48.8 0.0 97.0



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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018878.D

Acq: 10 Oct 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

EQB2-20201003

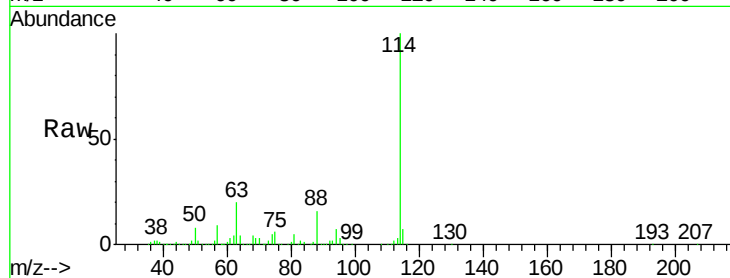
Tot Ion:114 Resp: 328637

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

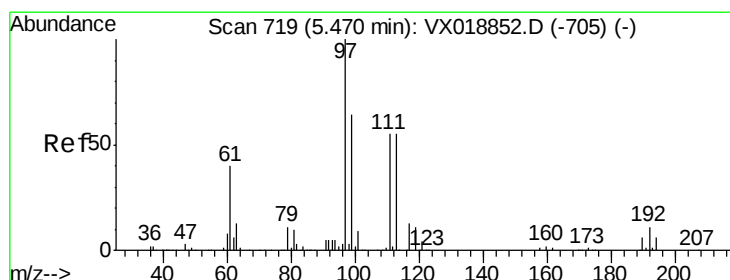
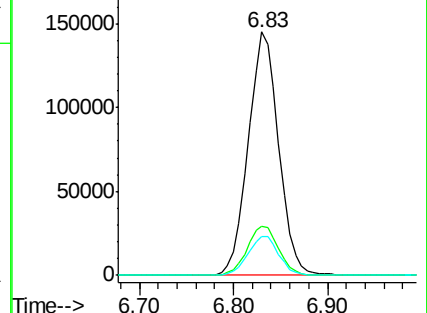
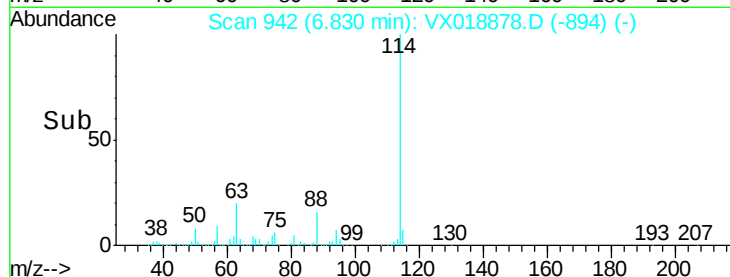
88 15.8 0.0 32.6



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: 49.477 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018878.D

Acq: 10 Oct 2020 01:19

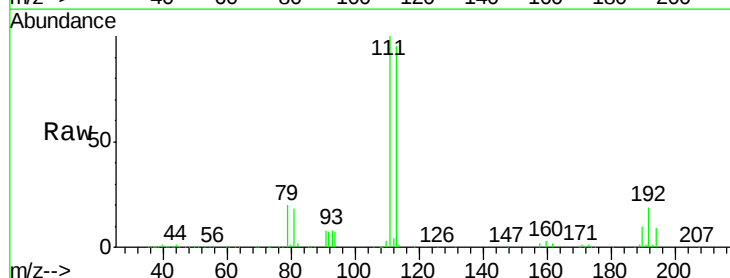
Tgt Ion:113 Resp: 115878

Ion Ratio Lower Upper

113 100

111 102.2 80.1 120.1

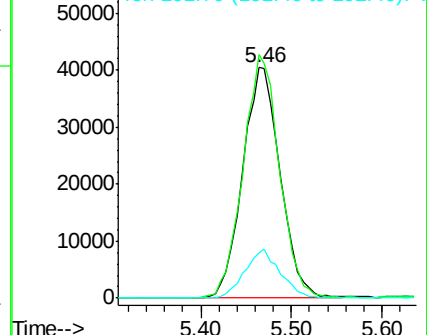
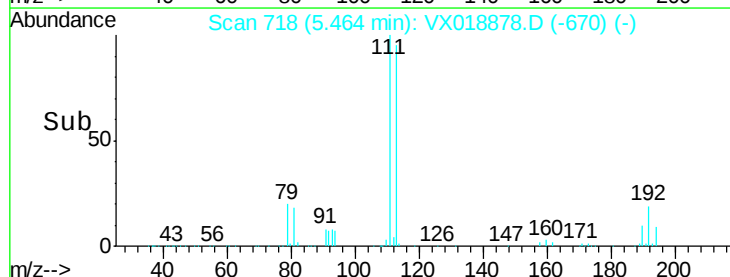
192 20.2 16.0 24.0

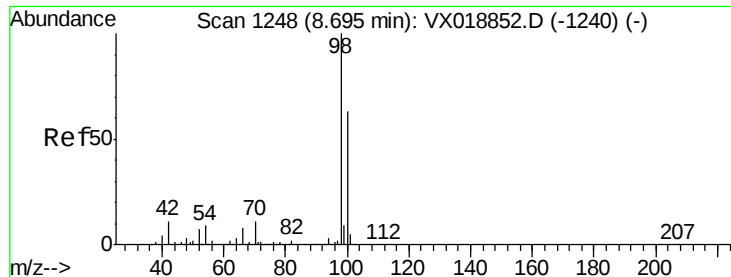


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.508 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018878.D

Acq: 10 Oct 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

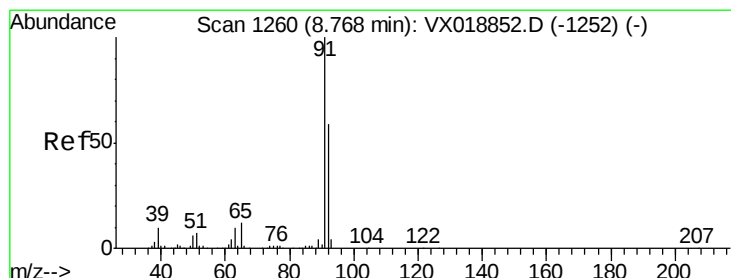
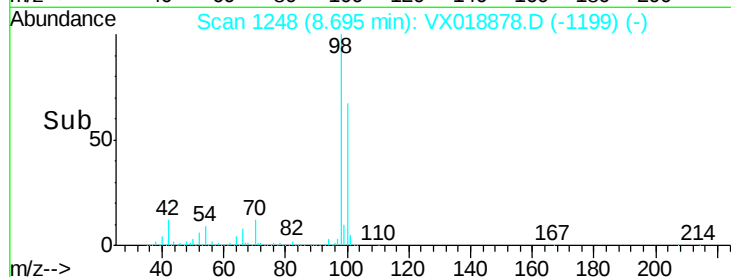
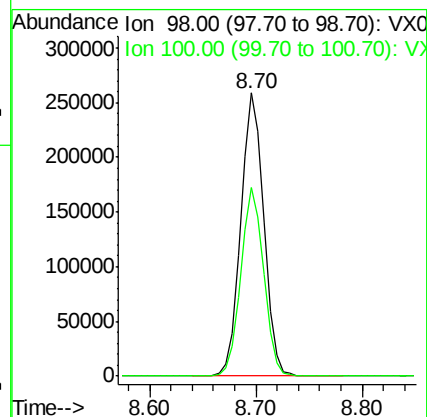
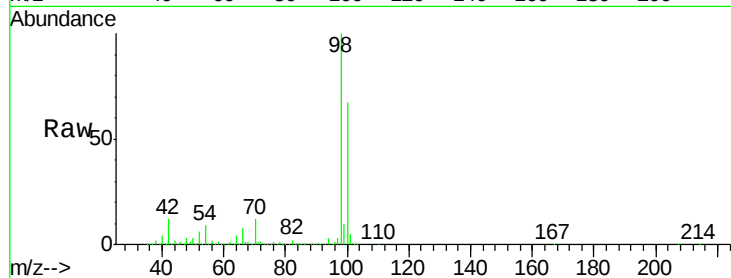
EQB2-20201003

Tot Ion: 98 Resp: 394083

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#52

Toluene

Concen: 0.259 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018878.D

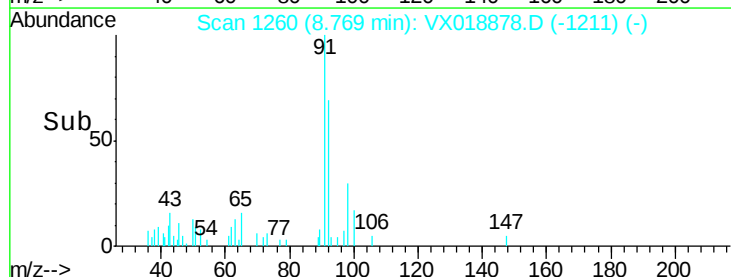
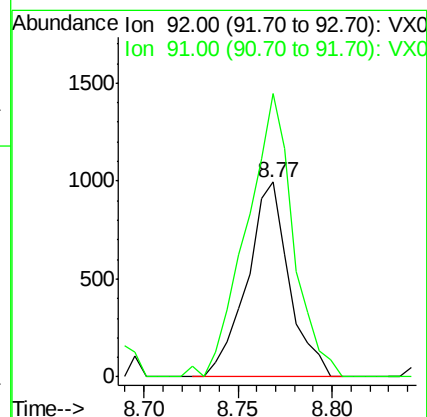
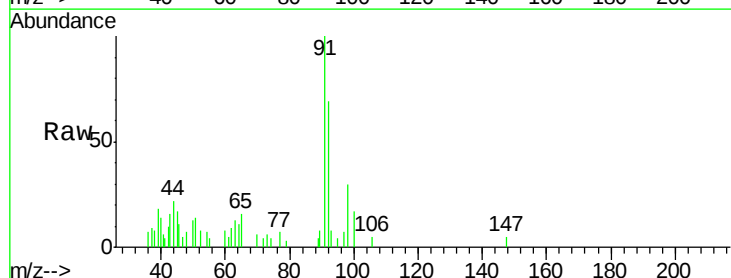
Acq: 10 Oct 2020 01:19

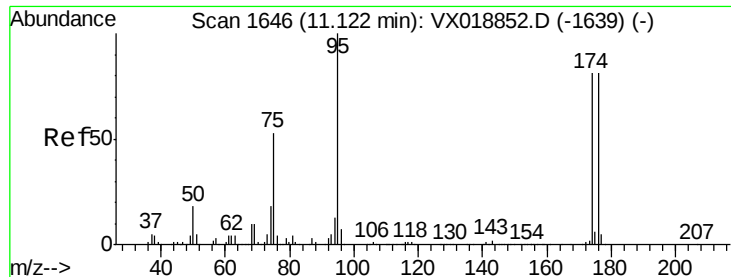
Tgt Ion: 92 Resp: 1540

Ion Ratio Lower Upper

92 100

91 161.4 138.2 207.4





#62

4-Bromofluorobenzene

Concen: 47.665 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018878.D

Acq: 10 Oct 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

EQB2-20201003

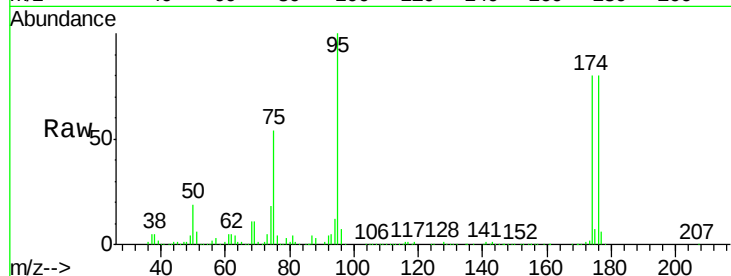
Tot Ion: 95 Resp: 154334

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.0

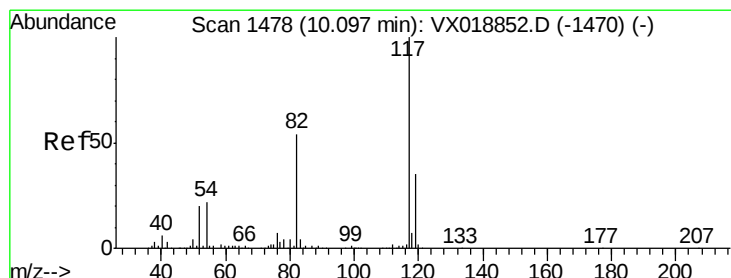
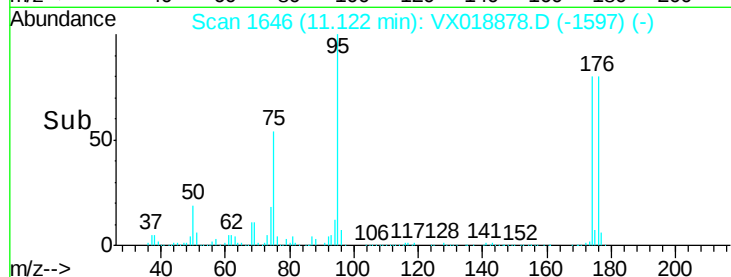
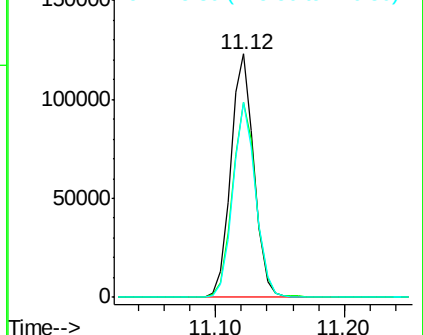
176 79.1 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018878.D

Acq: 10 Oct 2020 01:19

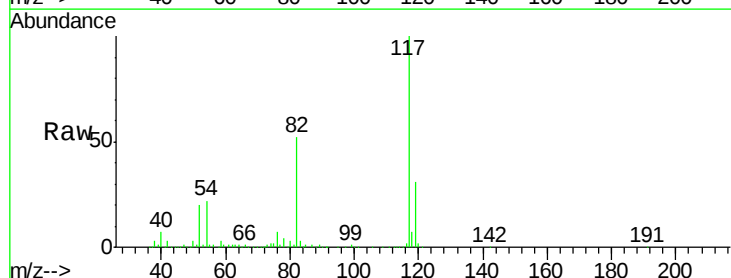
Tgt Ion: 117 Resp: 322307

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.2

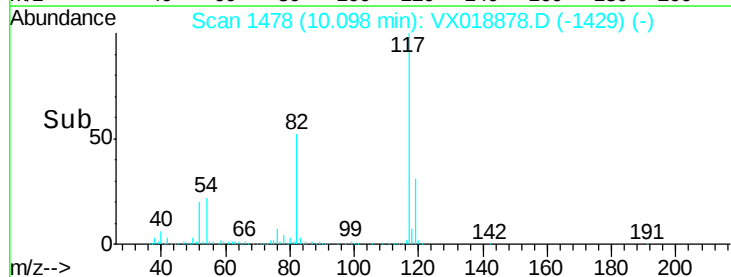
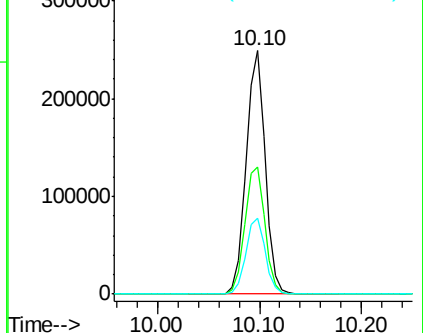
119 31.1 28.3 42.5

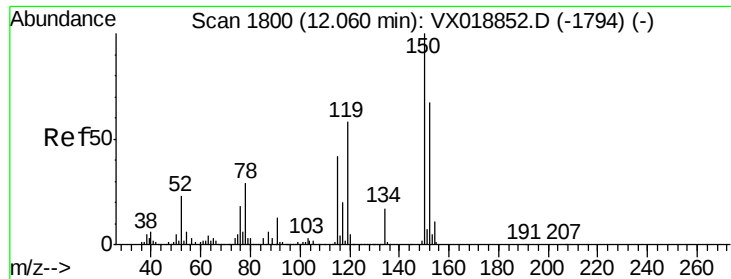


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018878.D

Acq: 10 Oct 2020 01:19

Instrument :

MSVOA_X

ClientSampleId :

EQB2-20201003

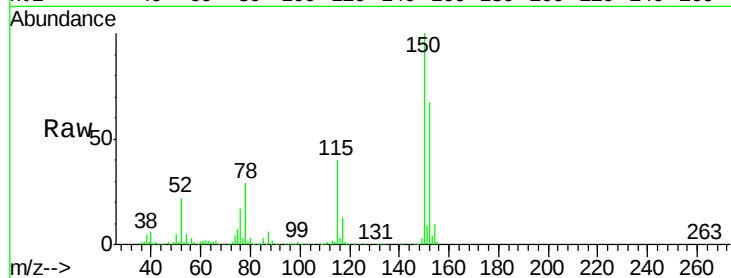
Tot Ion:152 Resp: 164795

Ion Ratio Lower Upper

152 100

115 60.0 41.8 125.4

150 156.1 0.0 347.6



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

