

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006144.D
 Acq On : 22 Nov 2018 01:24
 Operator : JC/MD
 Sample : J6047-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101

Quant Time: Nov 22 04:18:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

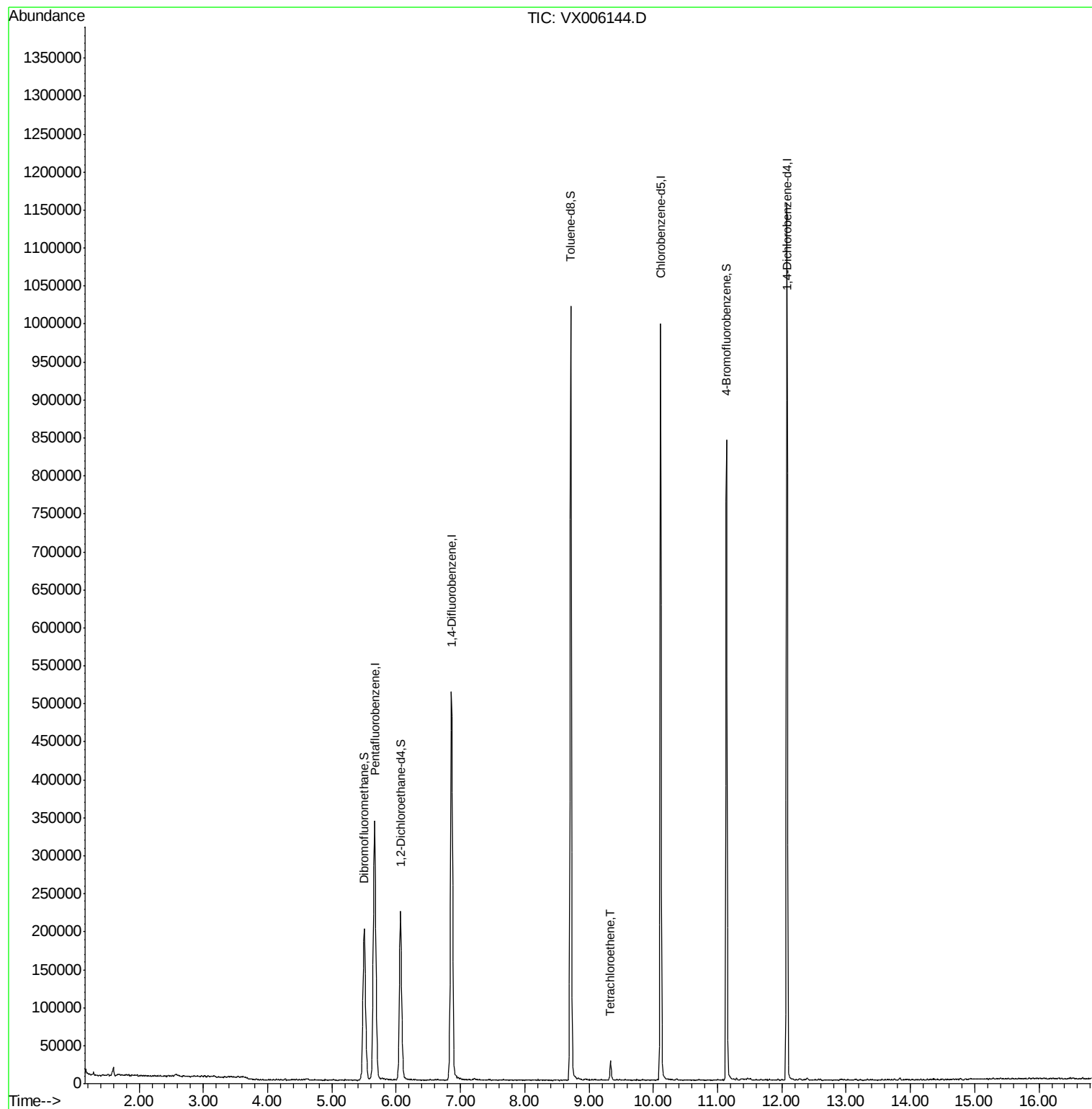
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	339962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509903	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	469523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	208459	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	5.50	113	167952	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	8.71	98	613356	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.14	95	207479	44.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.58%	
Target Compounds						
64) Tetrachloroethene	9.34	164	5073	1.313	ug/l	Qvalue 93

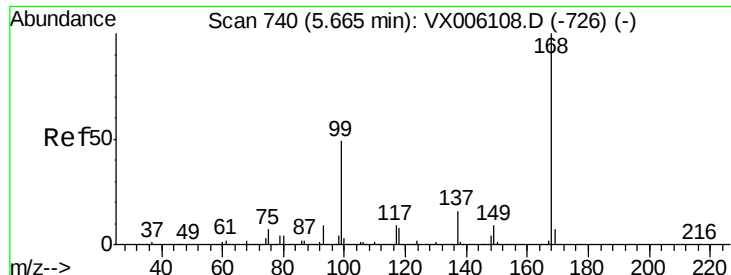
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006144.D

Acq: 22 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

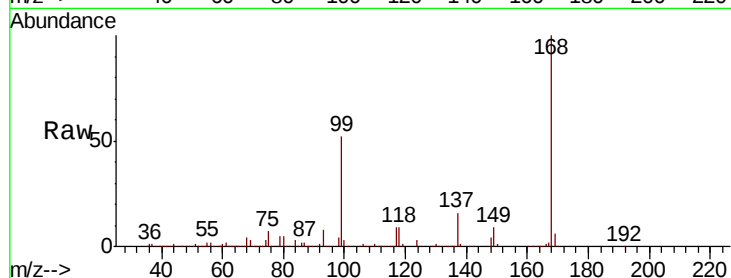
EP2-MW-101

Tot Ion:168 Resp: 339962

Ion Ratio Lower Upper

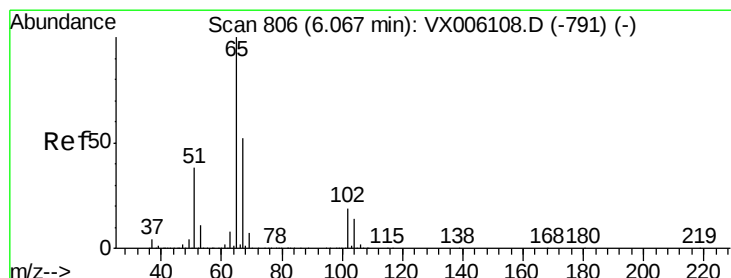
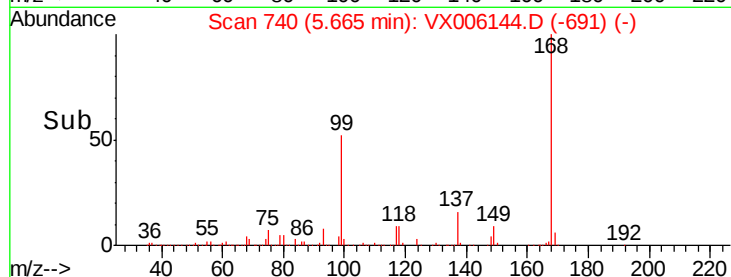
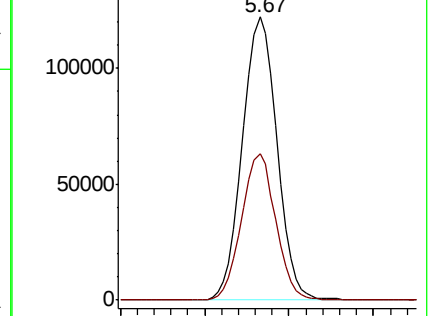
168 100

99 51.7 39.2 58.8



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: 52.918 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006144.D

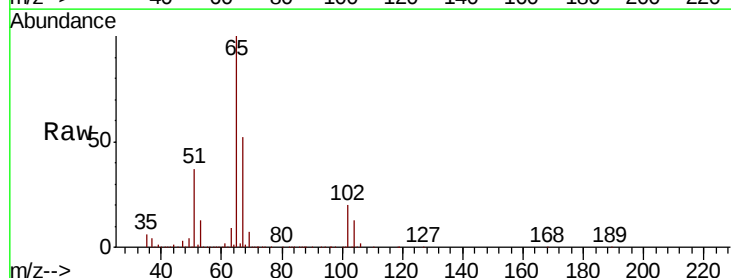
Acq: 22 Nov 2018 01:24

Tgt Ion: 65 Resp: 208459

Ion Ratio Lower Upper

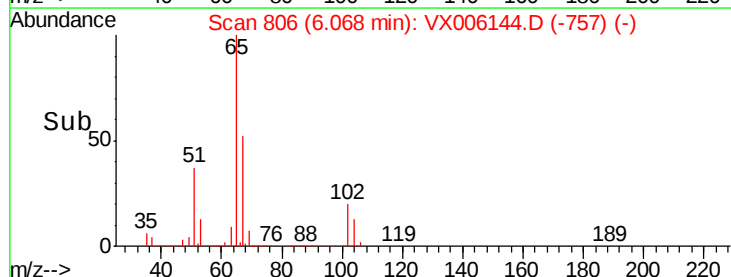
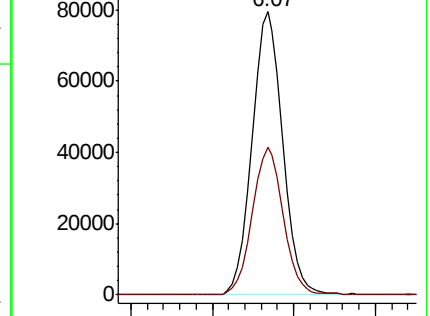
65 100

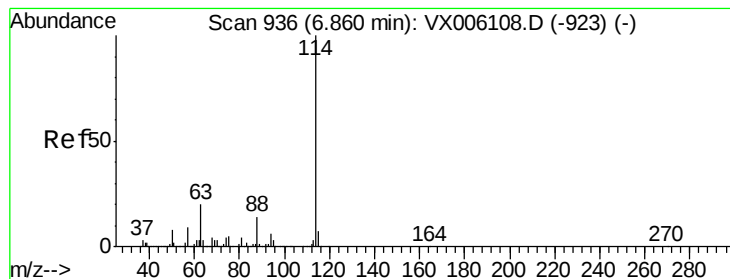
67 52.9 0.0 105.8



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: VX006144.D

Acq: 22 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101

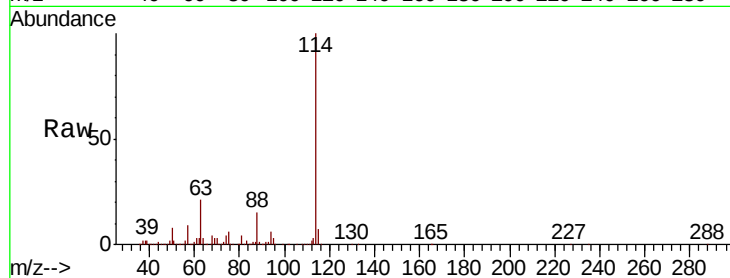
Tot Ion:114 Resp: 509903

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

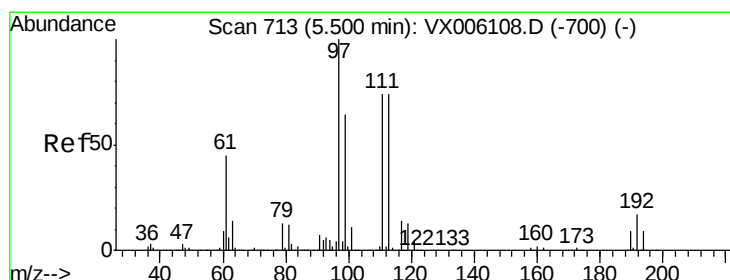
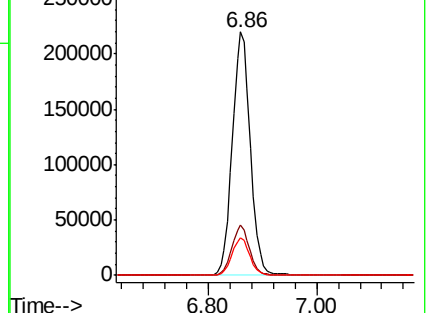
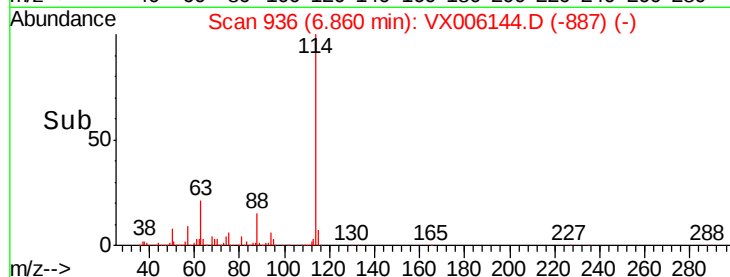
88 15.4 0.0 28.6



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: 51.312 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006144.D

Acq: 22 Nov 2018 01:24

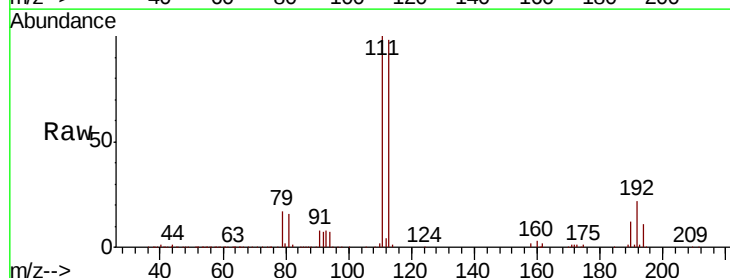
Tgt Ion:113 Resp: 167952

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

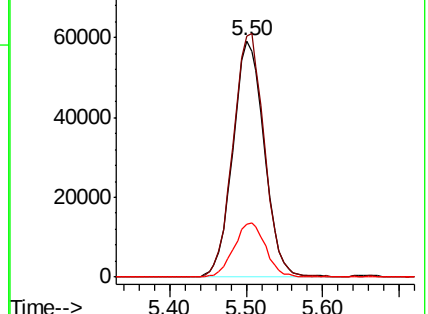
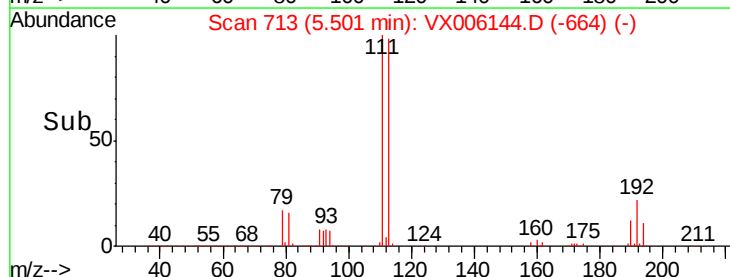
192 23.1 18.6 28.0

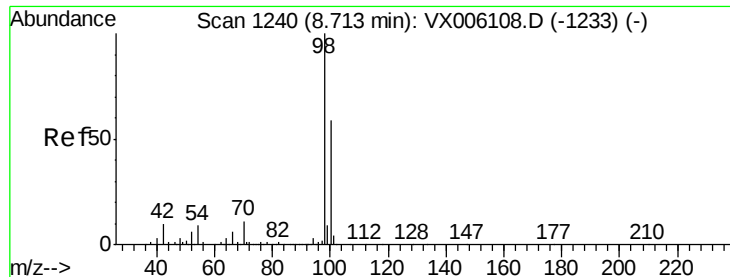


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.130 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006144.D

Acq: 22 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

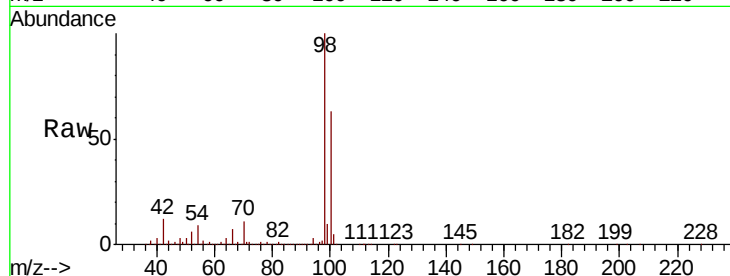
EP2-MW-101

Tot Ion: 98 Resp: 613356

Ion Ratio Lower Upper

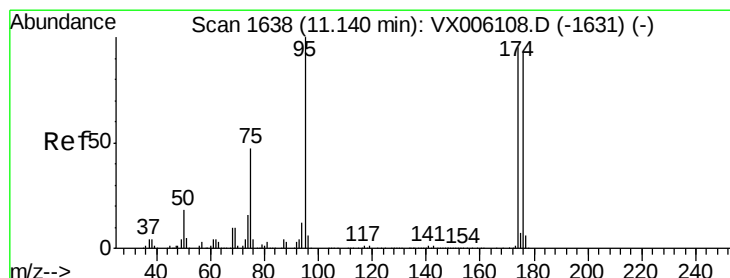
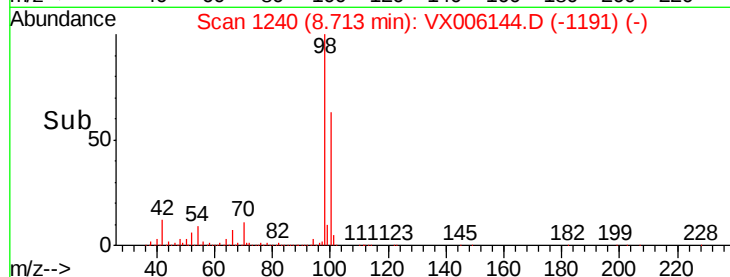
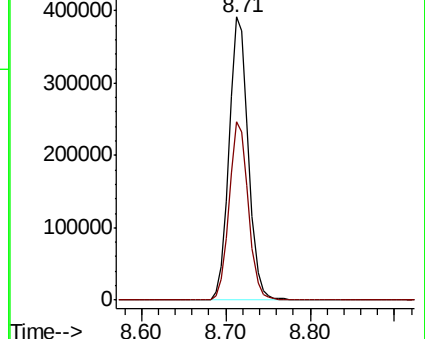
98 100

100 62.7 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.294 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006144.D

Acq: 22 Nov 2018 01:24

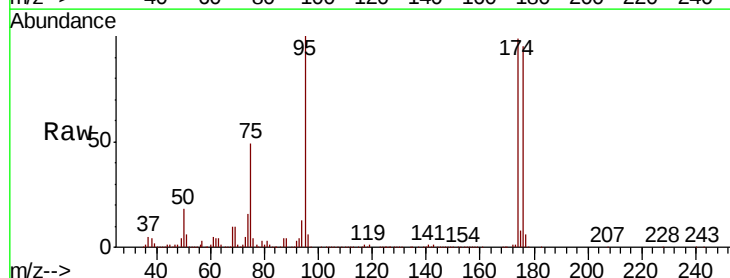
Tgt Ion: 95 Resp: 207479

Ion Ratio Lower Upper

95 100

174 94.2 0.0 184.4

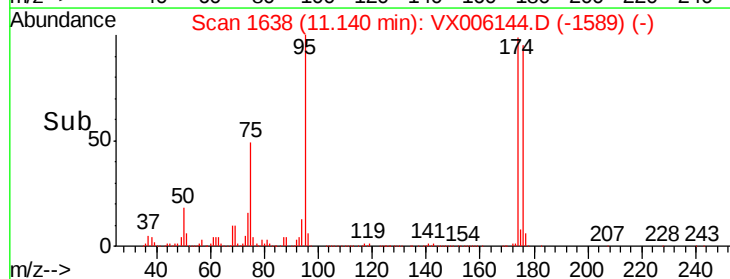
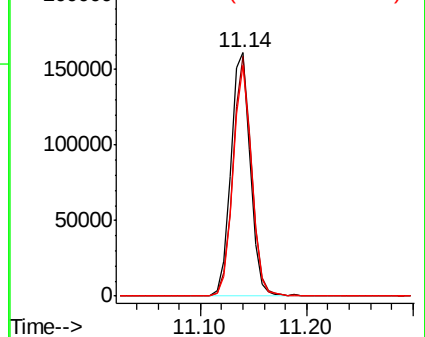
176 90.8 0.0 179.0

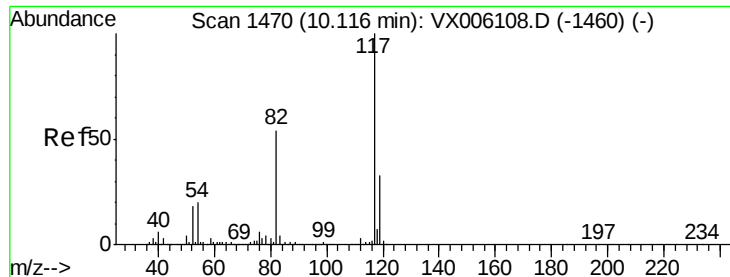


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

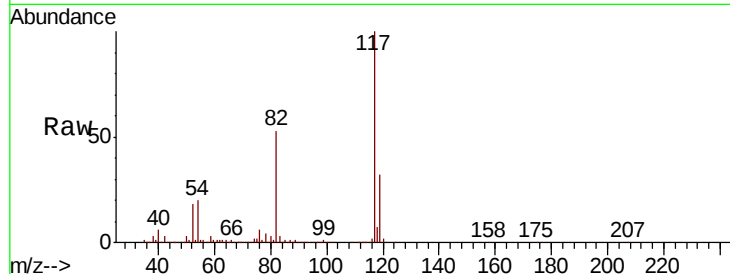




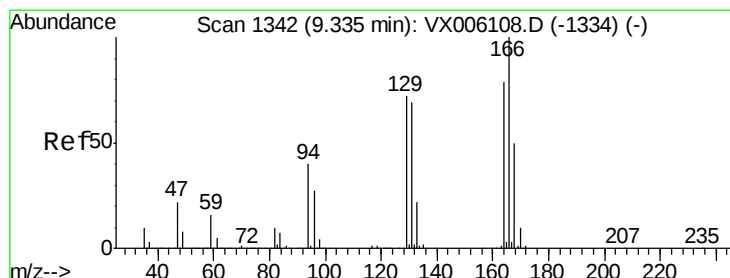
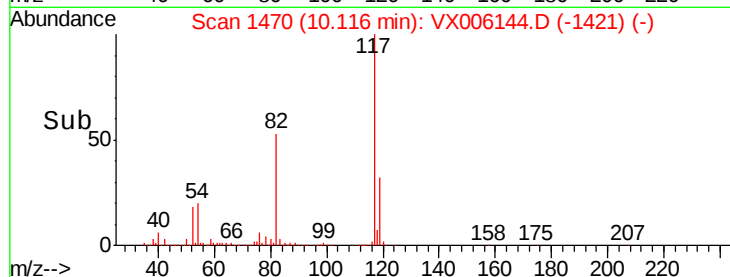
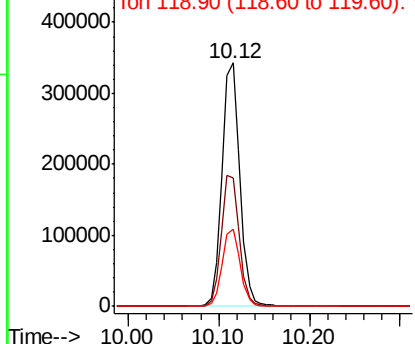
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006144.D
Acq: 22 Nov 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
EP2-MW-101

Tot Ion:117 Resp: 469523
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.9 26.1 39.1

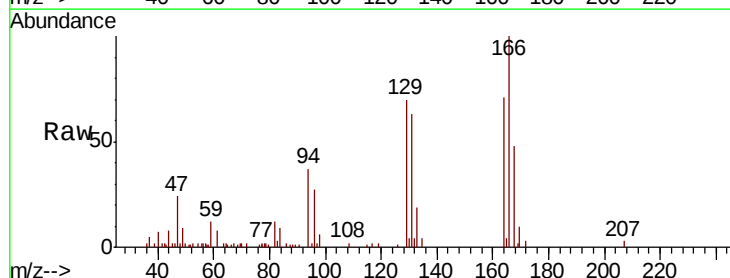


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

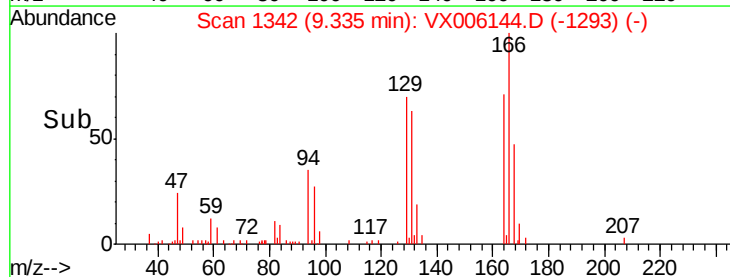
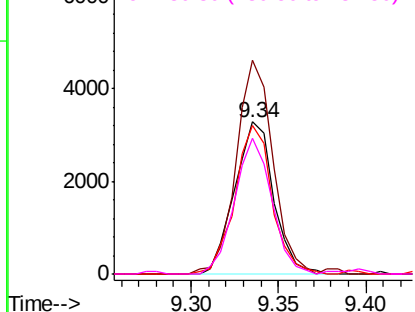


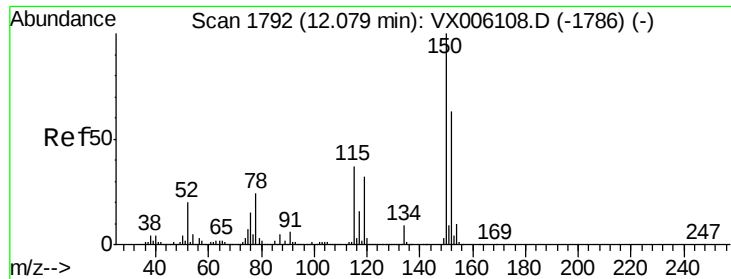
#64
Tetrachloroethene
Concen: 1.313 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006144.D
Acq: 22 Nov 2018 01:24

Tgt Ion:164 Resp: 5073
Ion Ratio Lower Upper
164 100
166 140.2 101.5 152.3
129 97.7 73.4 110.0
131 89.0 70.2 105.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006144.D

Acq: 22 Nov 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

EP2-MW-101

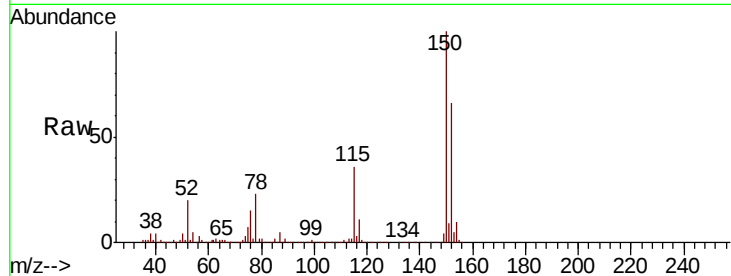
Tot Ion:152 Resp: 233842

Ion Ratio Lower Upper

152 100

115 53.8 39.0 116.9

150 154.7 0.0 346.6



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

