

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004717.D
 Acq On : 19 Sep 2018 20:19
 Operator : JC/MD
 Sample : J4916-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02IR1-20180911

Quant Time: Sep 20 04:59:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

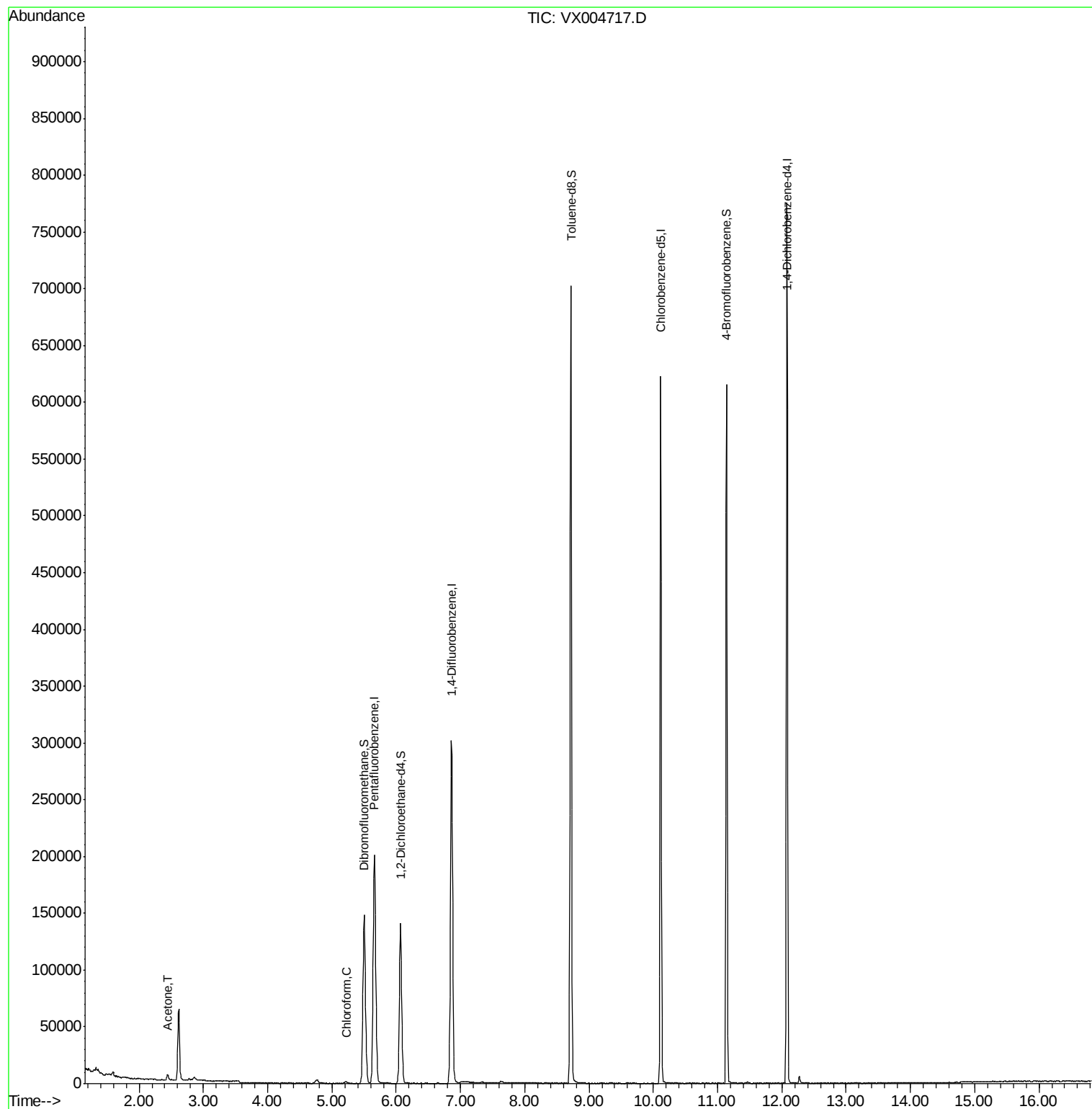
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	317435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	128899	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
35) Dibromofluoromethane	5.50	113	121192	41.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.44%	
50) Toluene-d8	8.72	98	446150	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
62) 4-Bromofluorobenzene	11.14	95	153608	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
Target Compounds						
16) Acetone	2.44	43	4533	3.36	ug/l	94
30) Chloroform	5.22	83	1680	0.37	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004717.D

Acq: 19 Sep 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

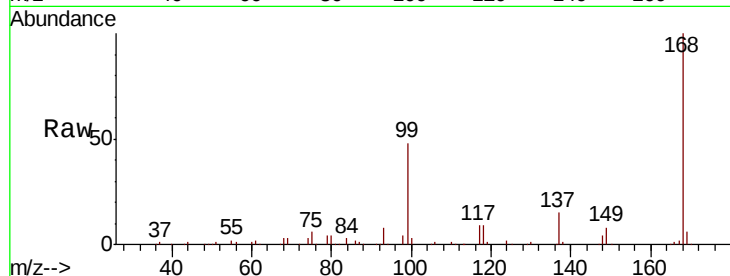
FC-MW02IR1-20180911

Tot Ion:168 Resp: 214287

Ion Ratio Lower Upper

168 100

99 48.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

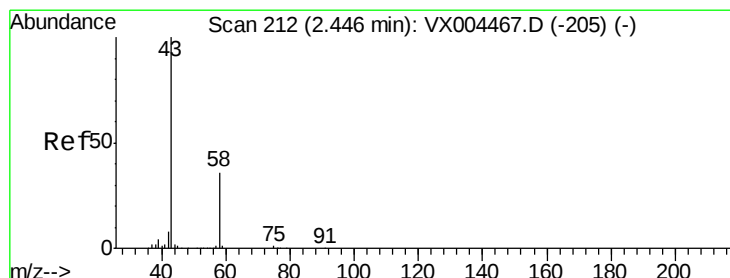
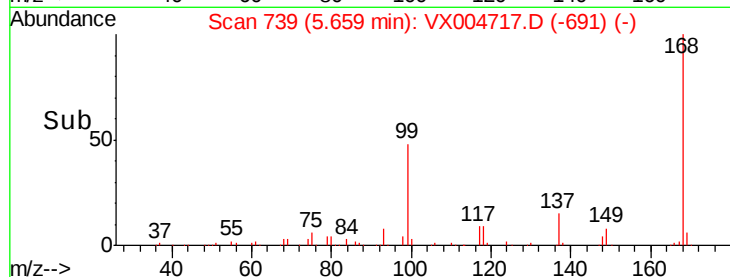
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.36 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004717.D

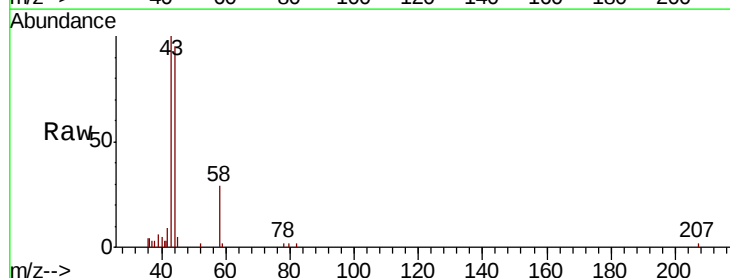
Acq: 19 Sep 2018 20:19

Tgt Ion: 43 Resp: 4533

Ion Ratio Lower Upper

43 100

58 29.5 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

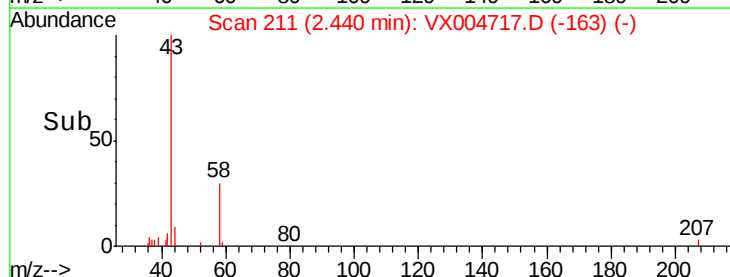
3000

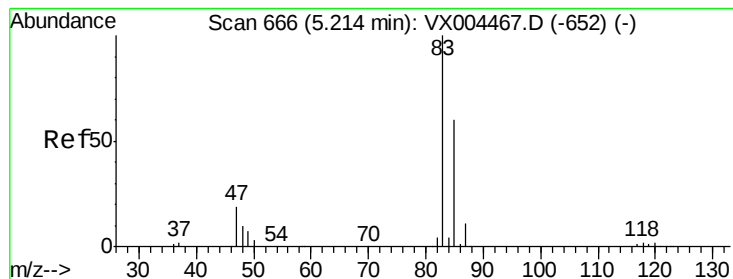
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#30

Chloroform

Concen: 0.37 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX004717.D

Acq: 19 Sep 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

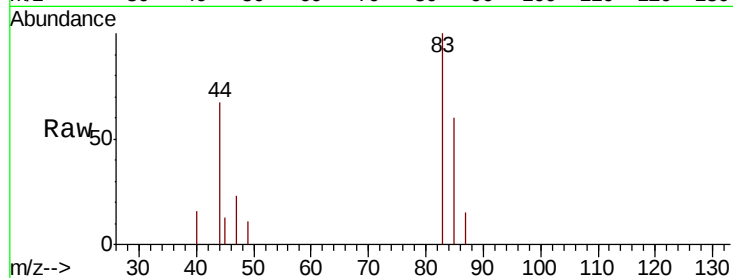
FC-MW02IR1-20180911

Tot Ion: 83 Resp: 1680

Ion Ratio Lower Upper

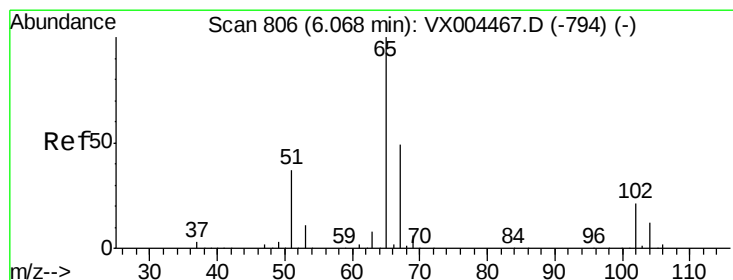
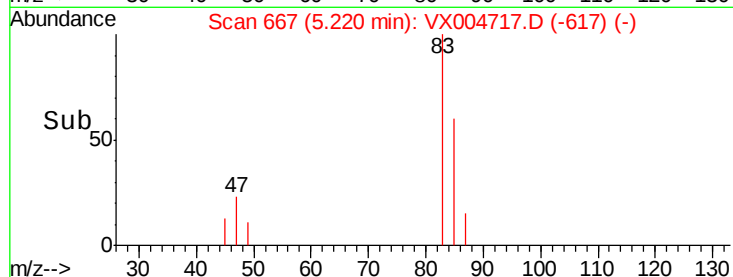
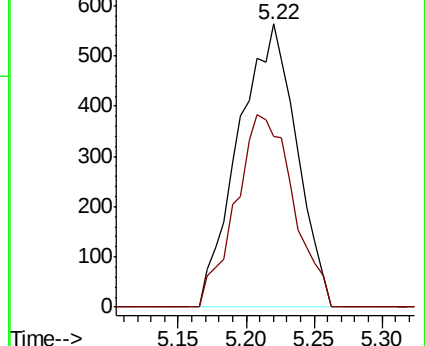
83 100

85 60.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.65 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004717.D

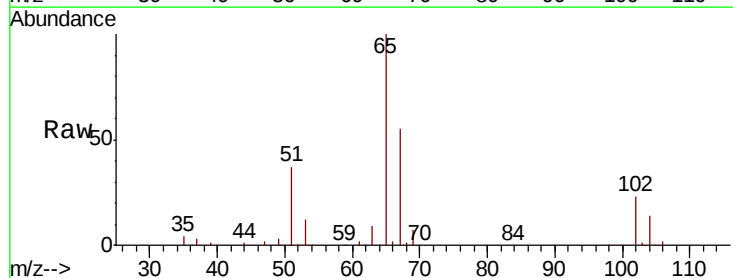
Acq: 19 Sep 2018 20:19

Tgt Ion: 65 Resp: 128899

Ion Ratio Lower Upper

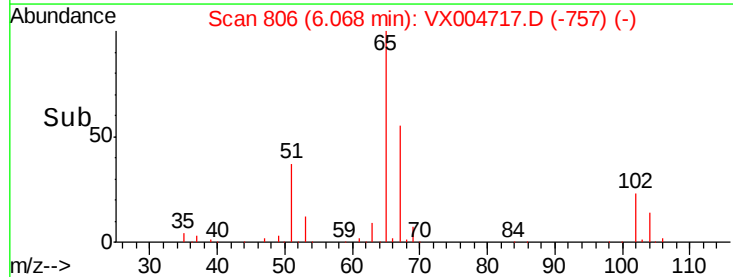
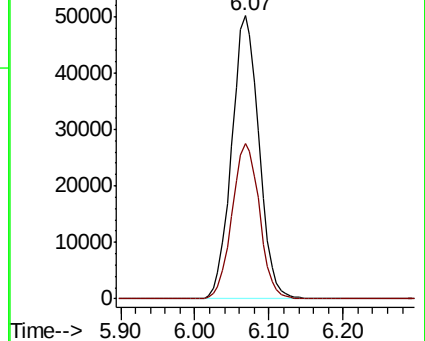
65 100

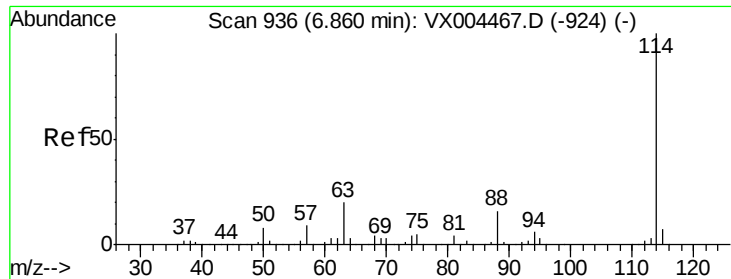
67 55.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

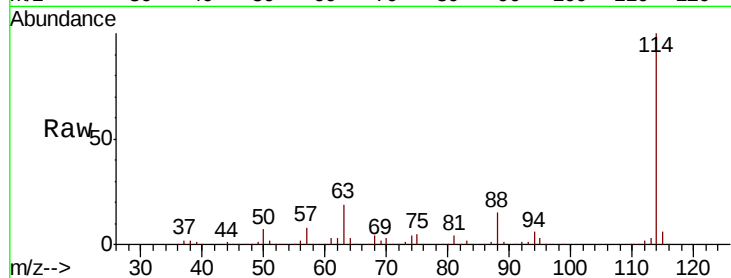




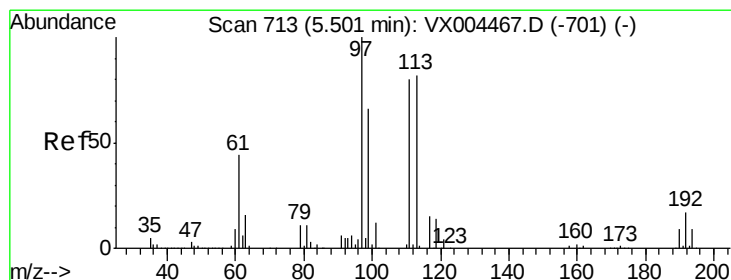
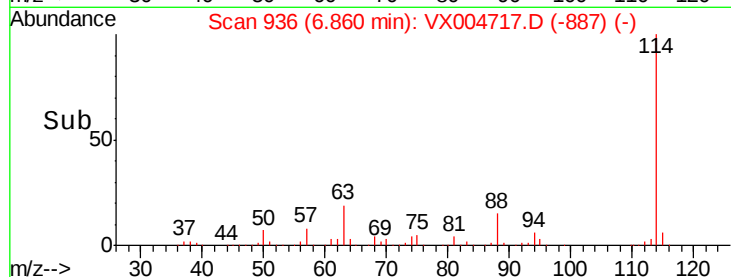
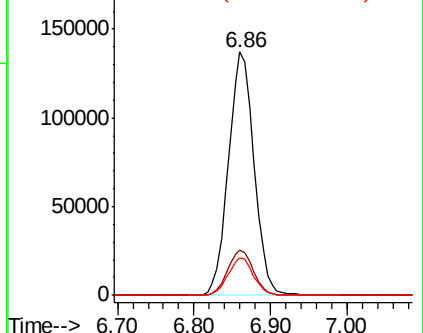
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004717.D
 Acq: 19 Sep 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW02IR1-20180911

Tot Ion:114 Resp: 317435
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.0
 88 15.4 0.0 30.4

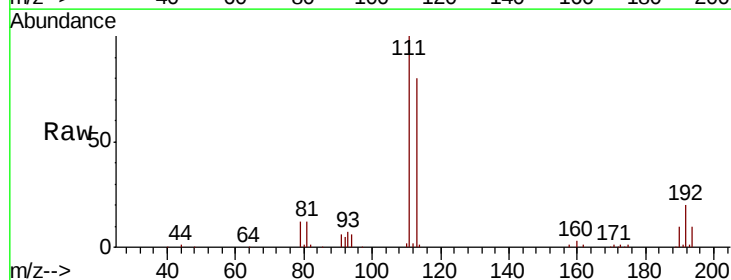


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

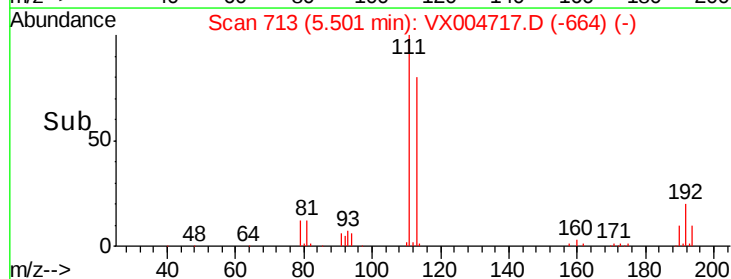
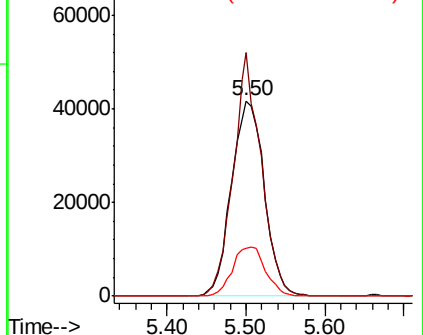


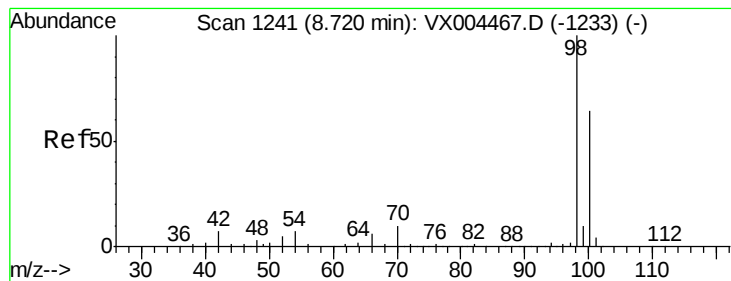
#35
 Dibromofluoromethane
 Concen: 41.72 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004717.D
 Acq: 19 Sep 2018 20:19

Tgt Ion:113 Resp: 121192
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.4 123.6
 192 25.3 19.4 29.2



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: 45.80 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004717.D

Acq: 19 Sep 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

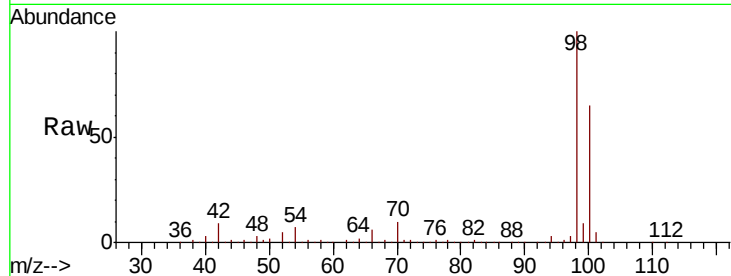
FC-MW02IR1-20180911

Tot Ion: 98 Resp: 446150

Ion Ratio Lower Upper

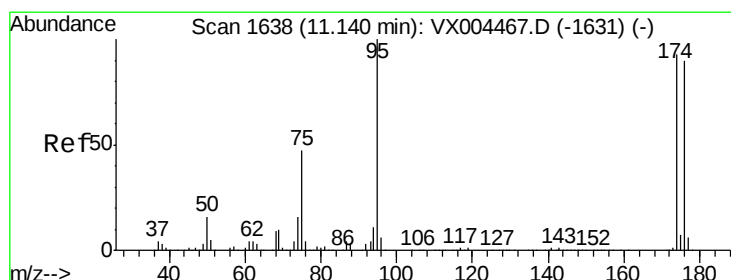
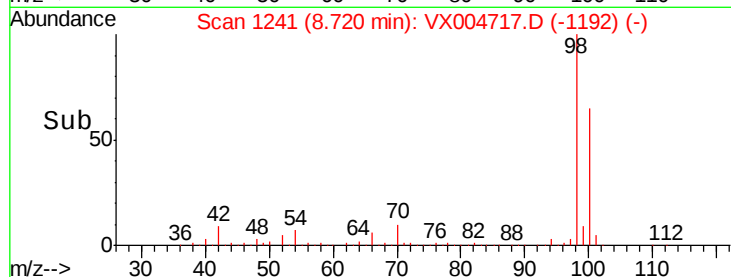
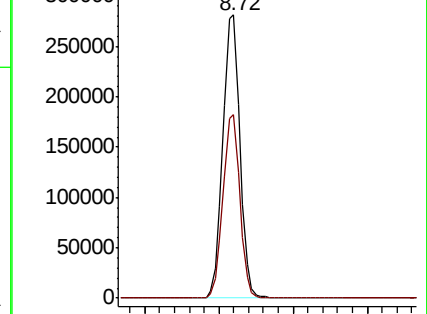
98 100

100 64.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.18 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004717.D

Acq: 19 Sep 2018 20:19

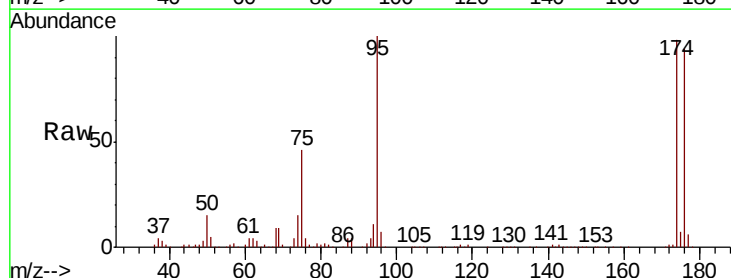
Tgt Ion: 95 Resp: 153608

Ion Ratio Lower Upper

95 100

174 96.8 0.0 185.2

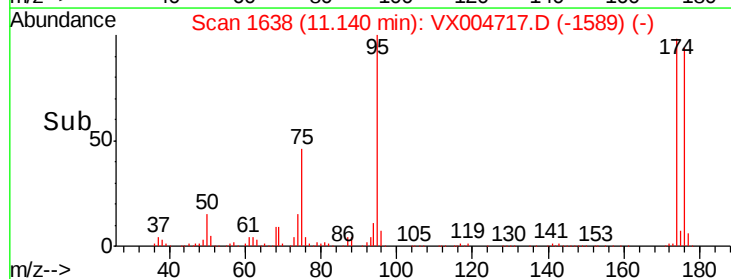
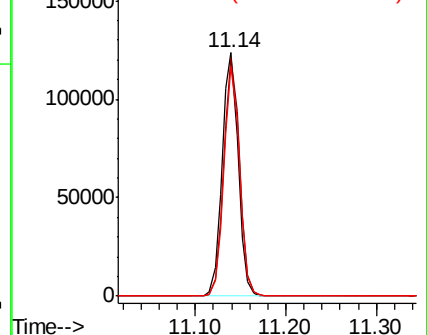
176 92.2 0.0 178.6

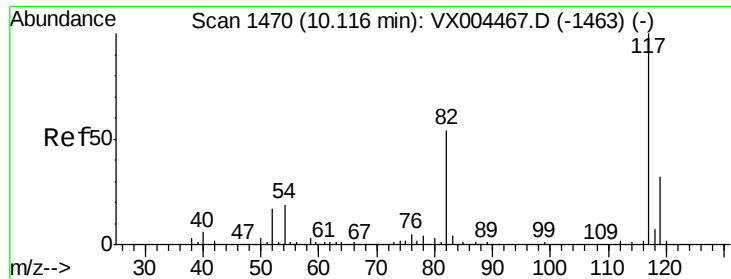


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

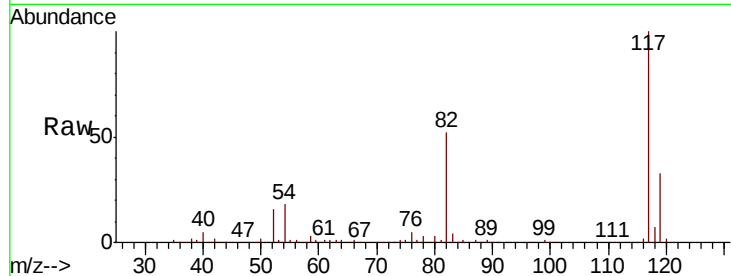




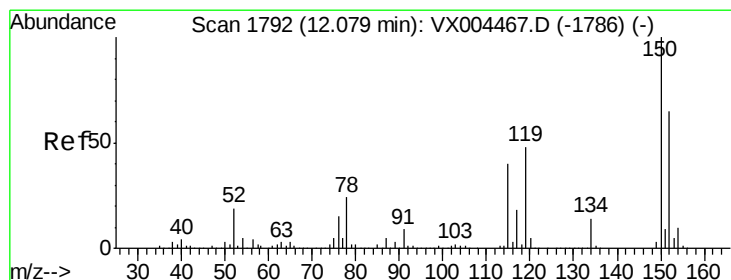
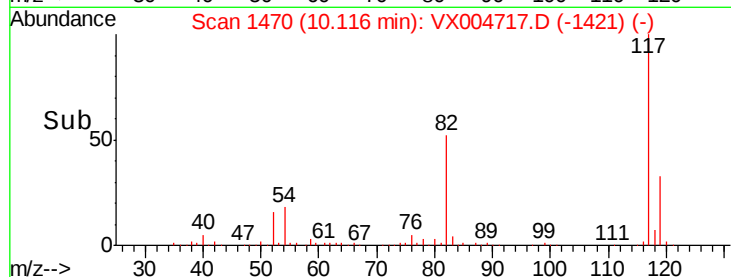
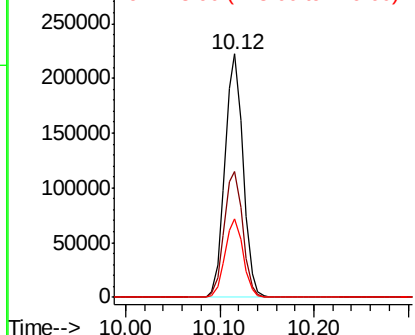
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004717.D
Acq: 19 Sep 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :
FC-MW02IR1-20180911

Tot Ion:117 Resp: 297721
Ion Ratio Lower Upper
117 100
82 51.9 47.8 71.6
119 32.5 29.3 43.9

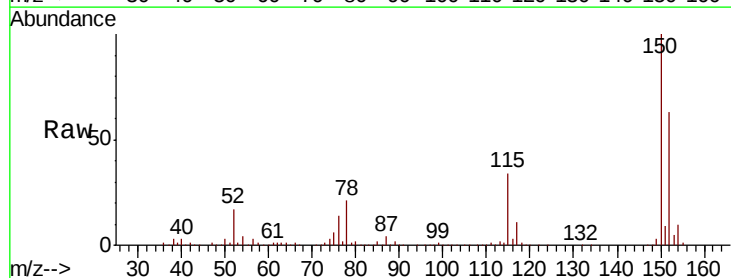


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004717.D
Acq: 19 Sep 2018 20:19

Tgt Ion:152 Resp: 165880
Ion Ratio Lower Upper
152 100
115 54.2 39.0 117.0
150 155.4 0.0 351.0



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

