

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004520.D
 Acq On : 13 Sep 2018 17:01
 Operator : JC/MD
 Sample : J4892-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-05-091118

Quant Time: Sep 15 11:26:56 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

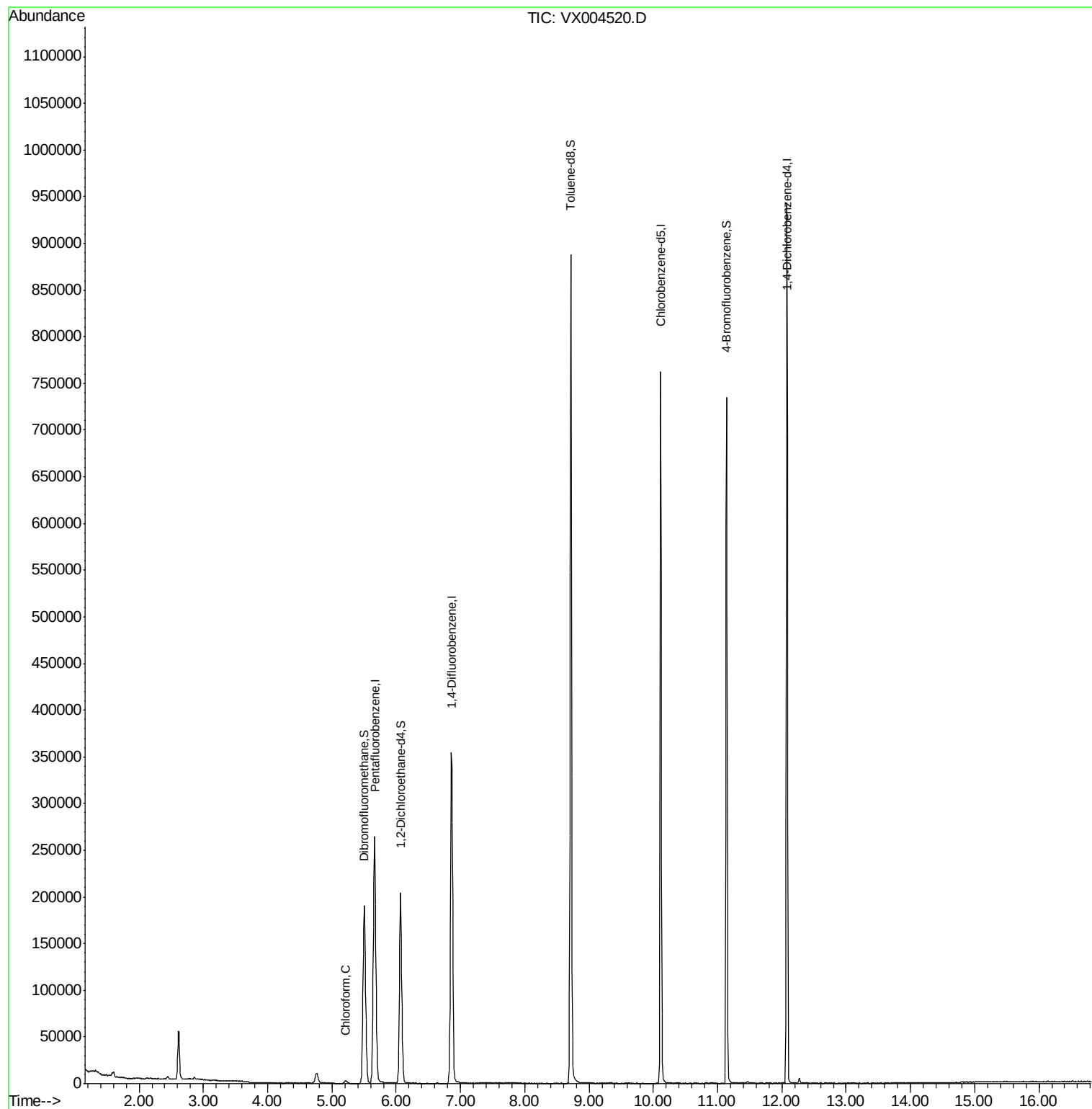
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182634	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	5.51	113	164391	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	8.71	98	550116	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.14	95	185756	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
Target Compounds						
30) Chloroform	5.21	83	3407	0.603	ug/l	Qvalue 94

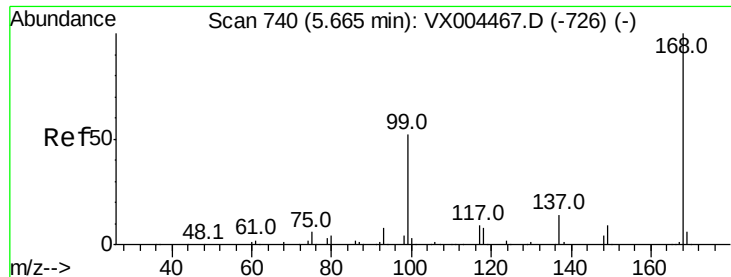
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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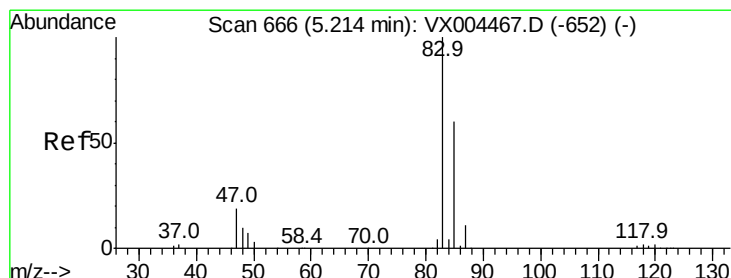
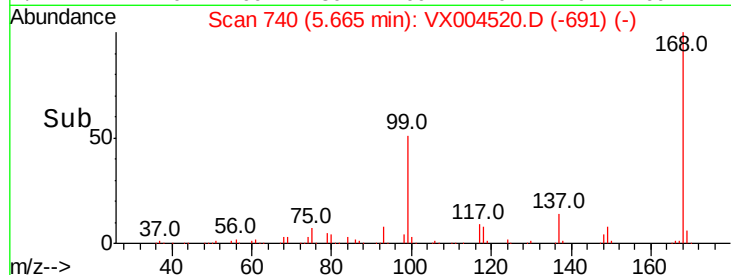
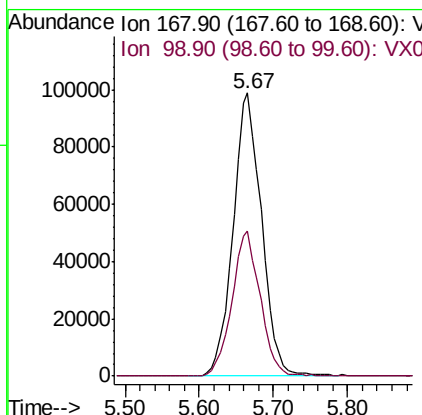
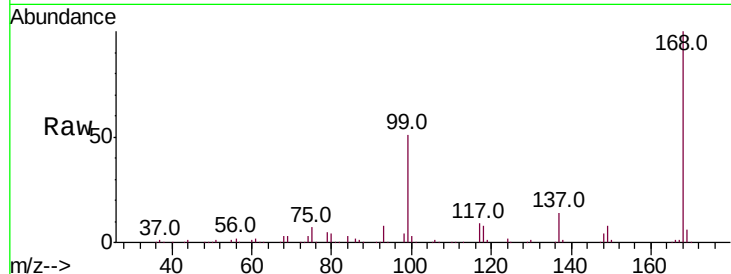




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX004520.D
Acq: 13 Sep 2018 17:01

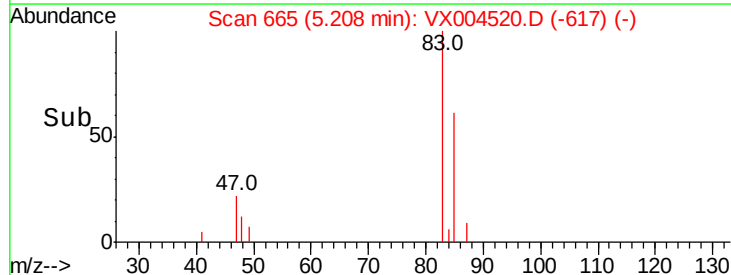
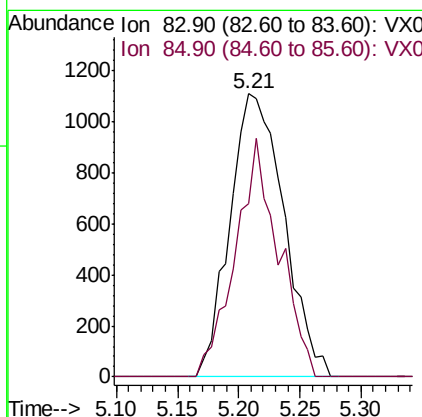
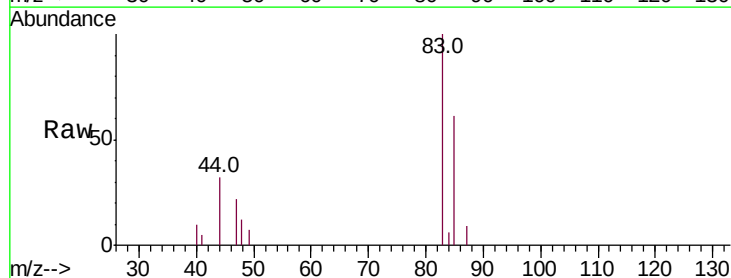
Instrument :
MSVOA_X
ClientSampleId :
C-MW-05-091118

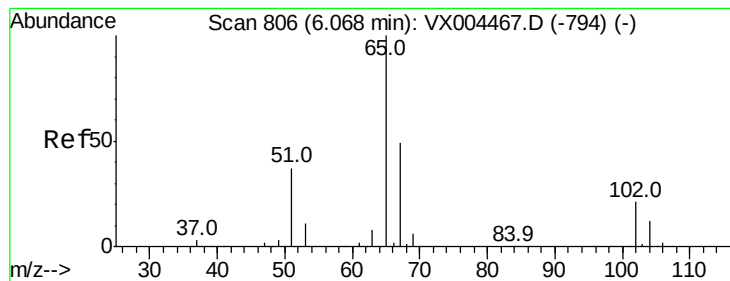
Tot Ion:168 Resp: 264988
Ion Ratio Lower Upper
168 100
99 51.1 39.9 59.9



#30
Chloroform
Concen: 0.603 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004520.D
Acq: 13 Sep 2018 17:01

Tgt Ion: 83 Resp: 3407
Ion Ratio Lower Upper
83 100
85 61.3 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 53.452 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004520.D

Acq: 13 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

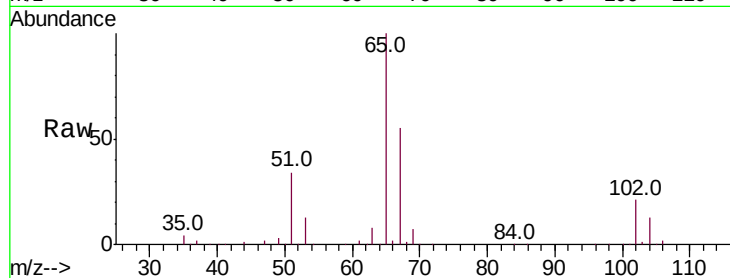
C-MW-05-091118

Tot Ion: 65 Resp: 182634

Ion Ratio Lower Upper

65 100

67 55.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

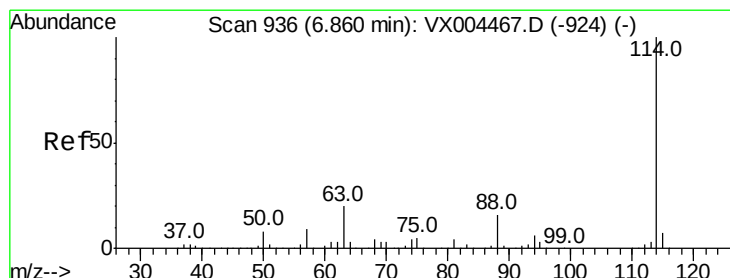
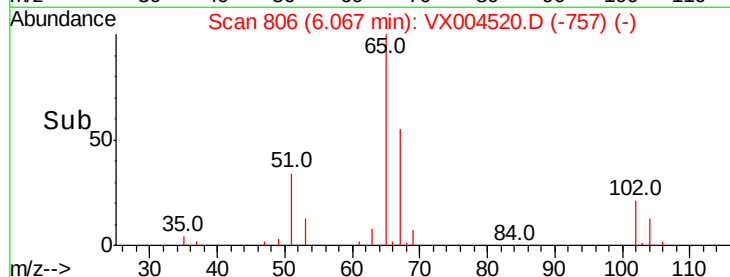
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004520.D

Acq: 13 Sep 2018 17:01

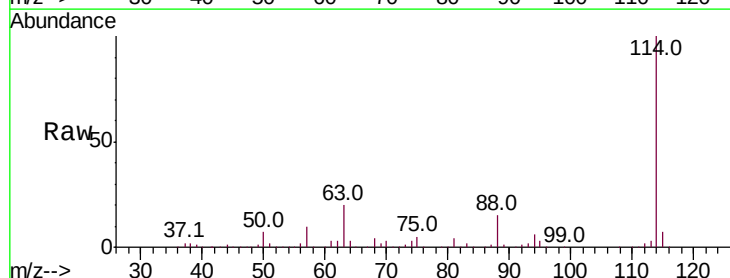
Tgt Ion: 114 Resp: 363722

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

88 15.2 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

200000

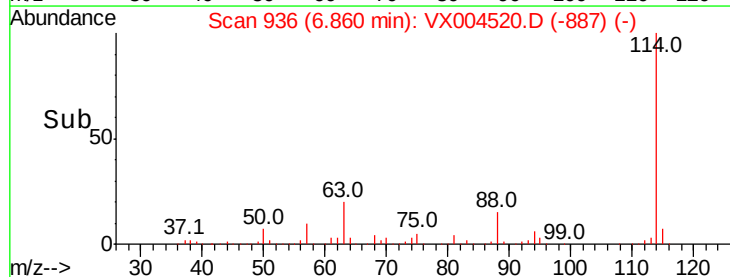
150000

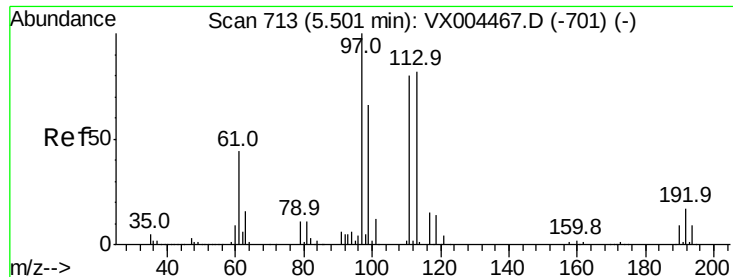
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 49.391 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004520.D

Acq: 13 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

C-MW-05-091118

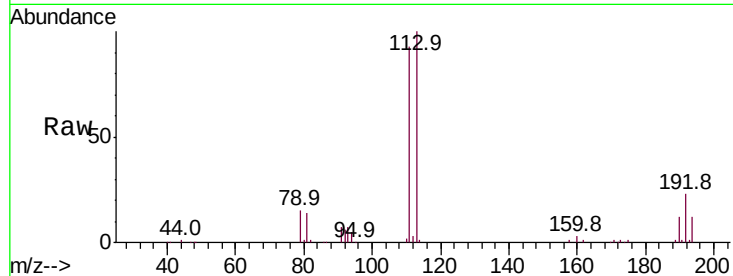
Tot Ion:113 Resp: 164391

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

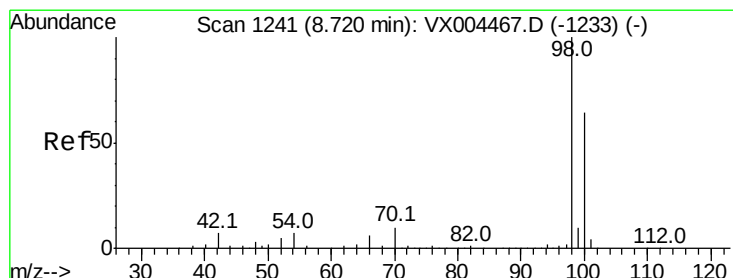
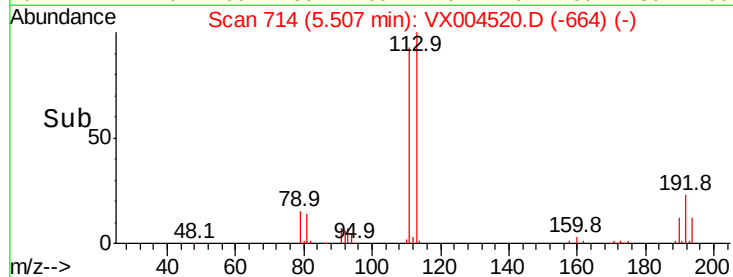
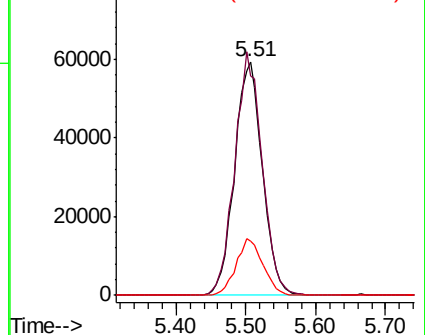
192 23.4 19.4 29.2



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: 49.285 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004520.D

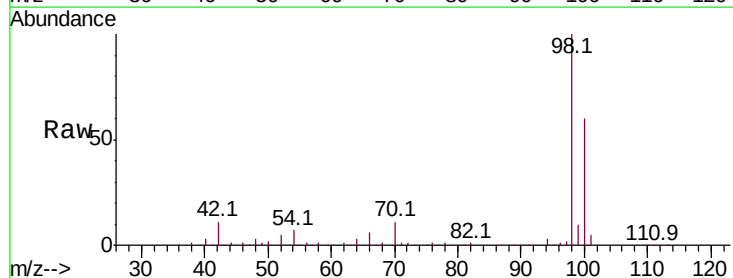
Acq: 13 Sep 2018 17:01

Tgt Ion: 98 Resp: 550116

Ion Ratio Lower Upper

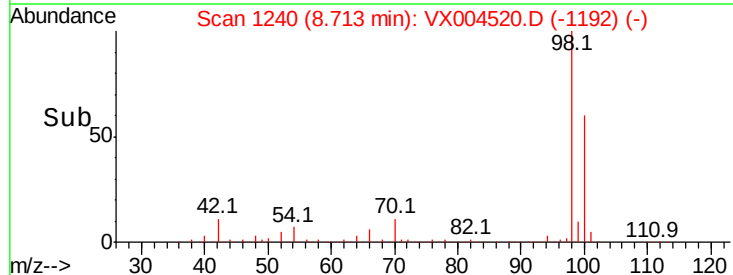
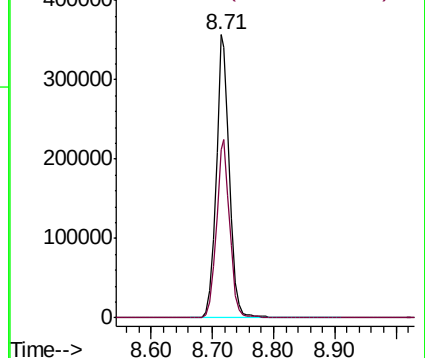
98 100

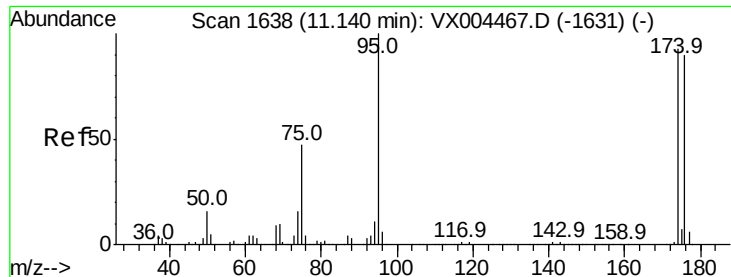
100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.622 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004520.D

Acq: 13 Sep 2018 17:01

Instrument :

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ClientSampleId :

C-MW-05-091118

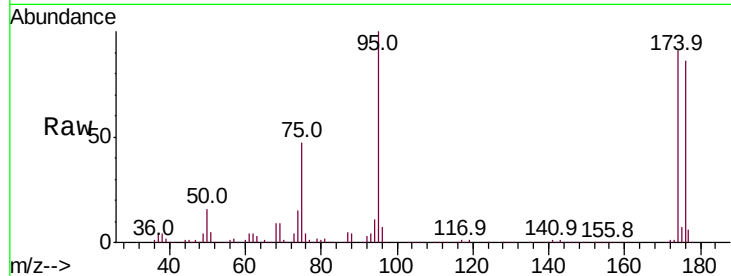
Tot Ion: 95 Resp: 185756

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.2

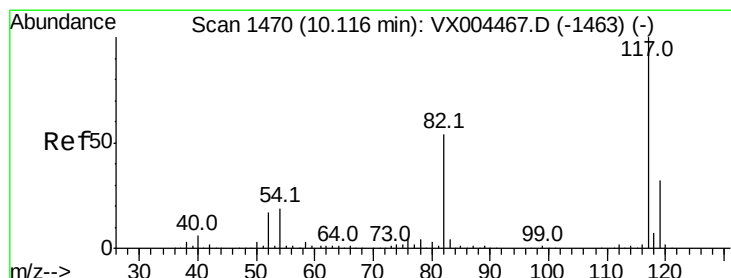
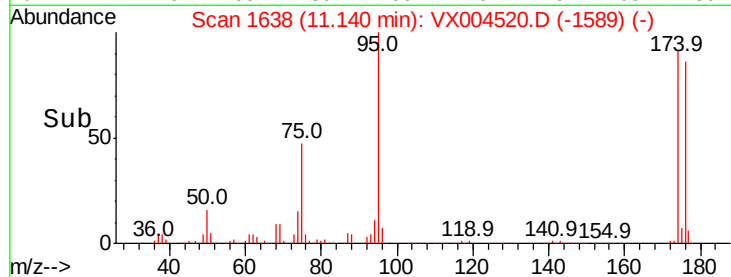
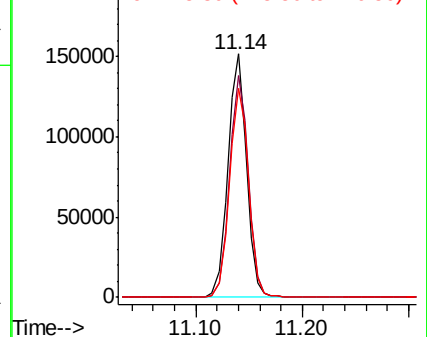
176 88.6 0.0 178.6



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: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004520.D

Acq: 13 Sep 2018 17:01

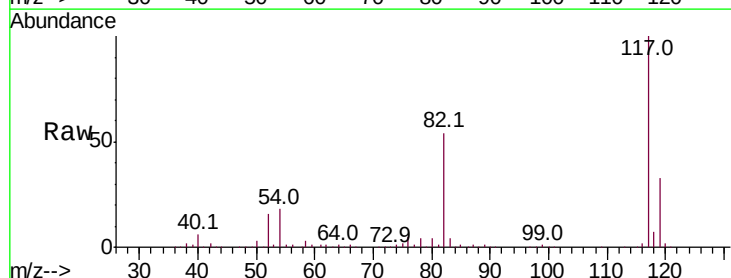
Tgt Ion: 117 Resp: 358856

Ion Ratio Lower Upper

117 100

82 54.0 47.8 71.6

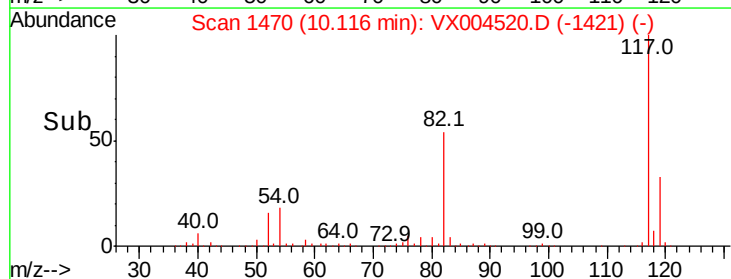
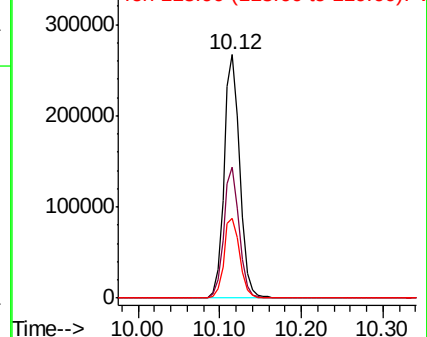
119 32.8 29.3 43.9

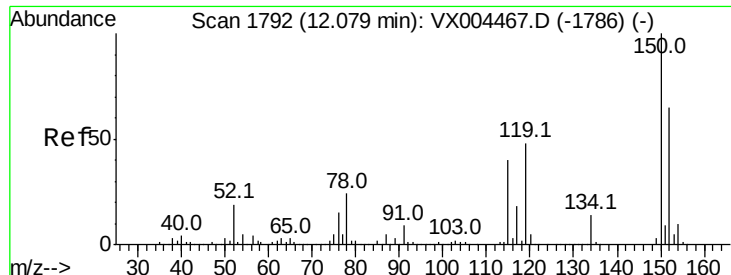


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004520.D

Acq: 13 Sep 2018 17:01

Instrument :

MSVOA_X

ClientSampleId :

C-MW-05-091118

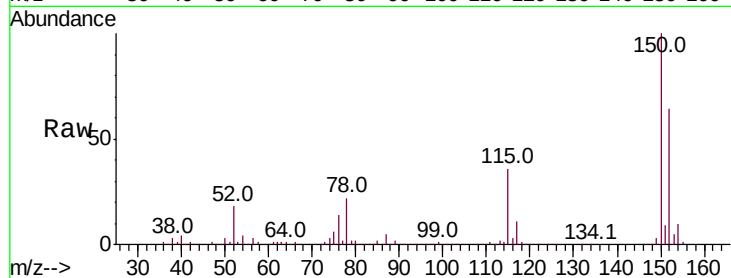
Tot Ion:152 Resp: 194939

Ion Ratio Lower Upper

152 100

115 55.0 39.0 117.0

150 155.9 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

