

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004521.D
 Acq On : 13 Sep 2018 17:28
 Operator : JC/MD
 Sample : J4892-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-06-091118

Quant Time: Sep 15 11:27:12 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

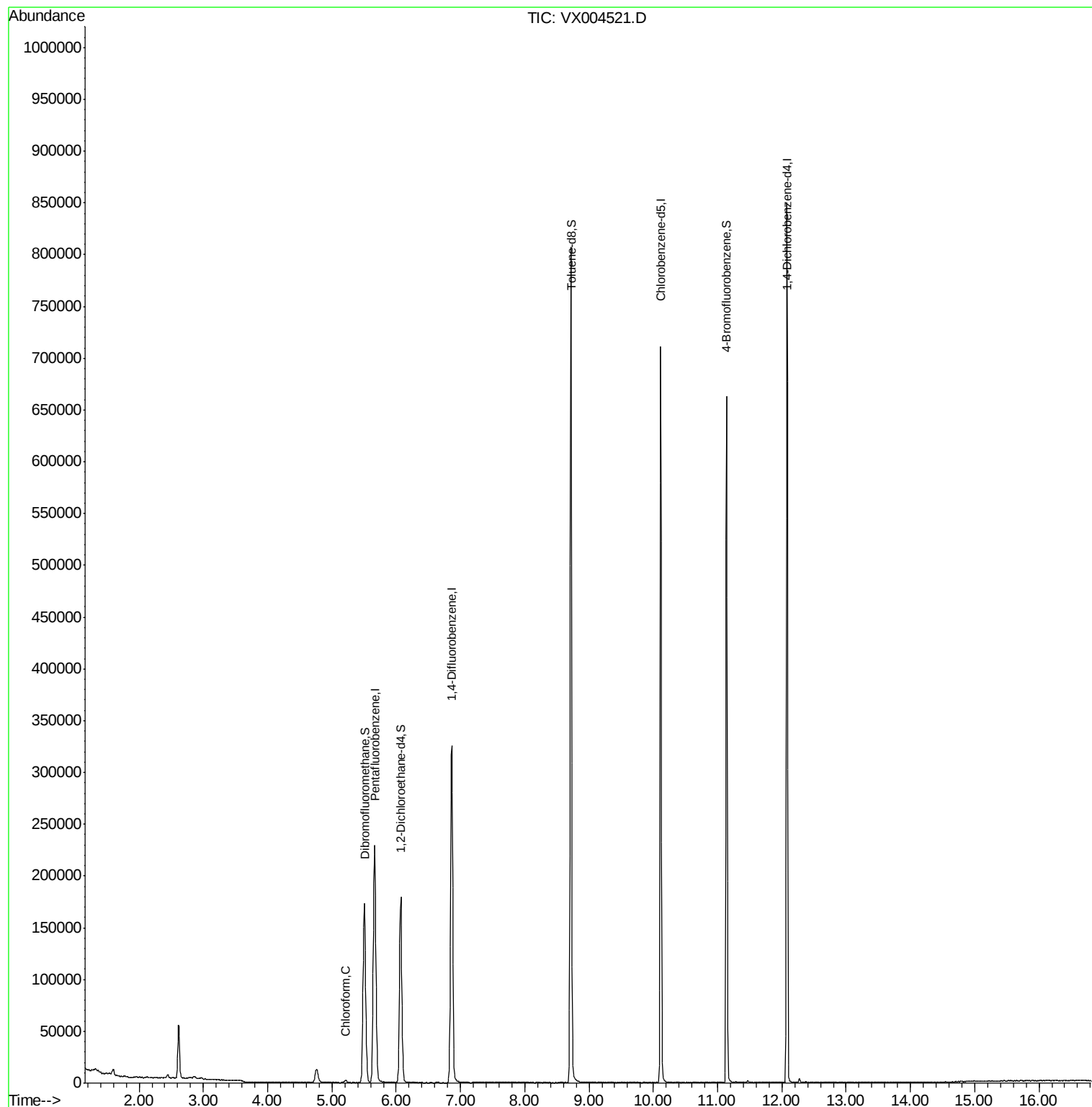
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	238531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172099	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	5.51	113	148847	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.72	98	496676	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.14	95	164990	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
Target Compounds						
30) Chloroform	5.22	83	2685	0.528	ug/l	Qvalue 100

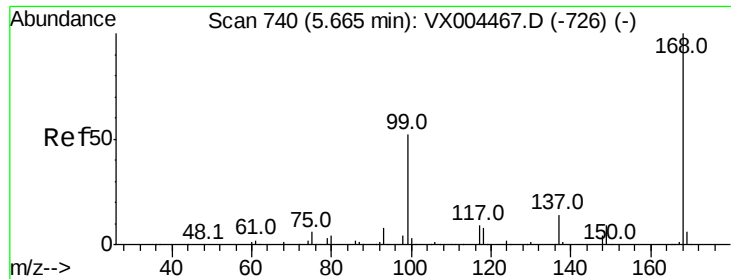
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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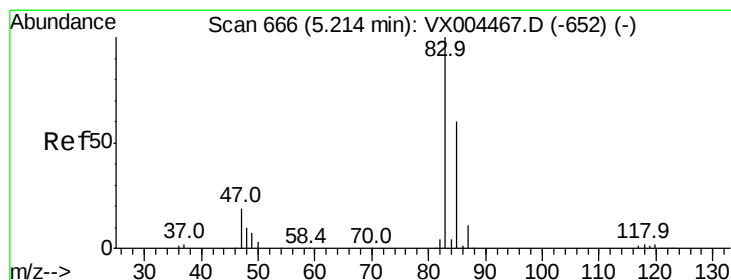
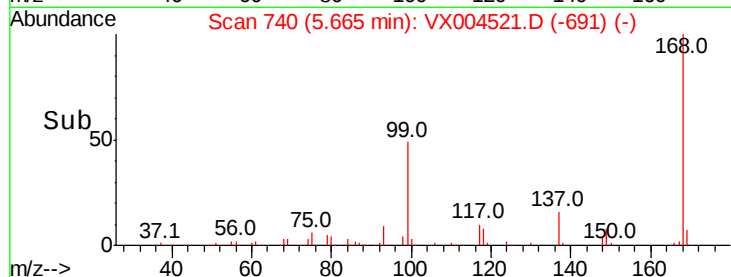
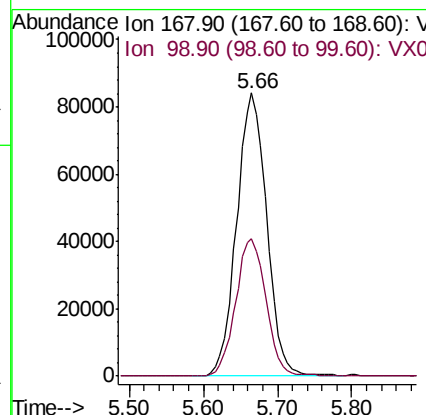
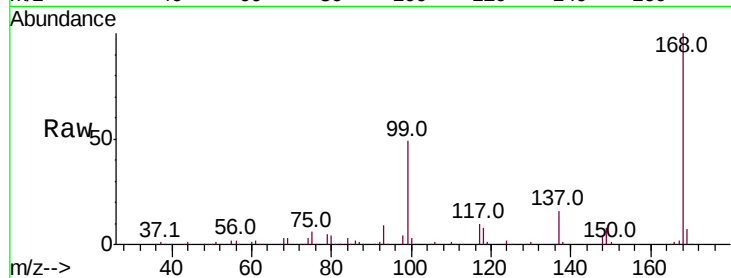




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX004521.D
Acq: 13 Sep 2018 17:28

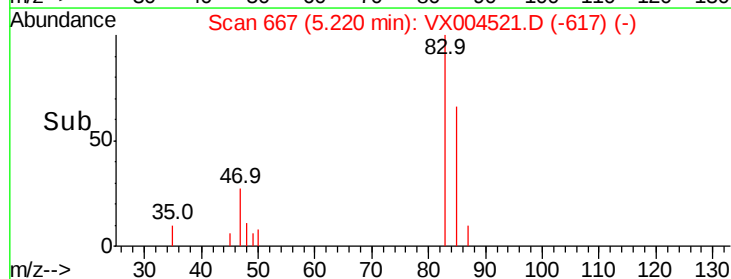
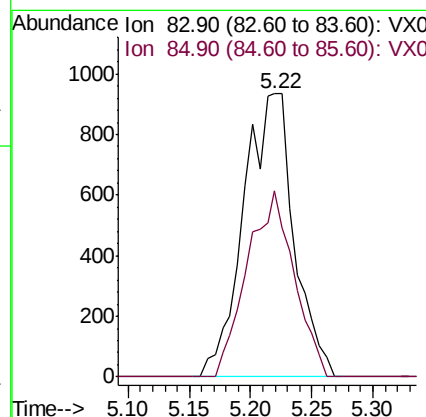
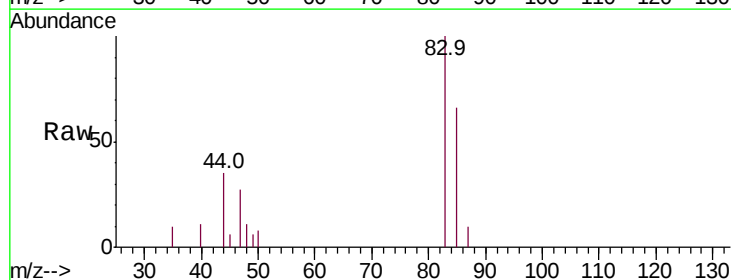
Instrument :
MSVOA_X
ClientSampleId :
C-MW-06-091118

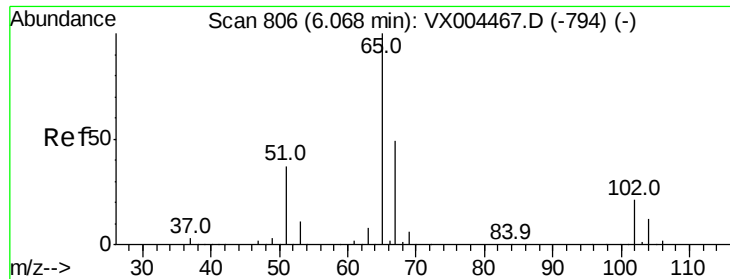
Tot Ion:168 Resp: 238531
Ion Ratio Lower Upper
168 100
99 48.7 39.9 59.9



#30
Chloroform
Concen: 0.528 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004521.D
Acq: 13 Sep 2018 17:28

Tgt Ion: 83 Resp: 2685
Ion Ratio Lower Upper
83 100
85 66.0 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 55.956 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004521.D

Acq: 13 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

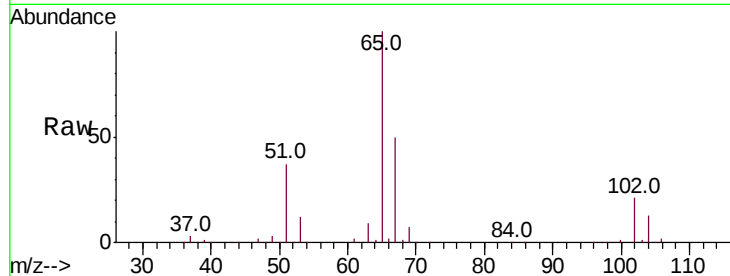
C-MW-06-091118

Tot Ion: 65 Resp: 172099

Ion Ratio Lower Upper

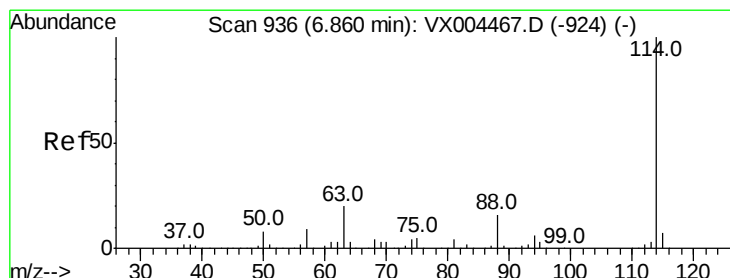
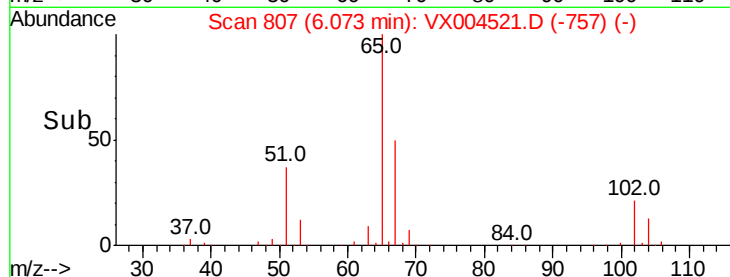
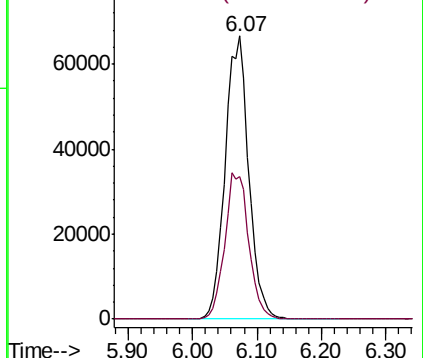
65 100

67 52.7 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: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004521.D

Acq: 13 Sep 2018 17:28

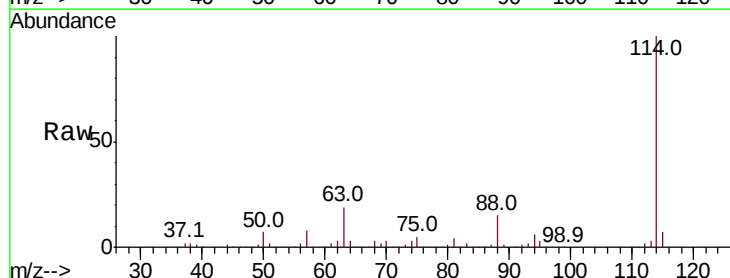
Tgt Ion: 114 Resp: 335947

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.0

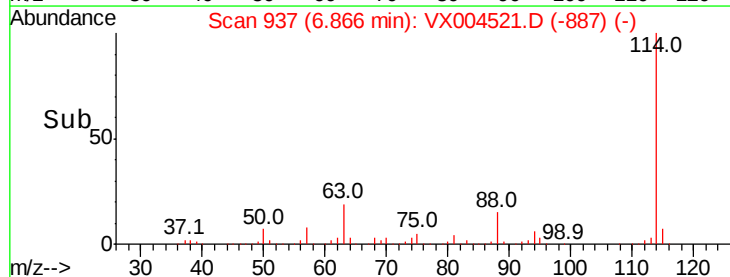
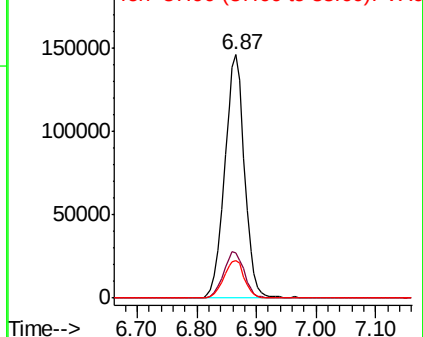
88 15.3 0.0 30.4

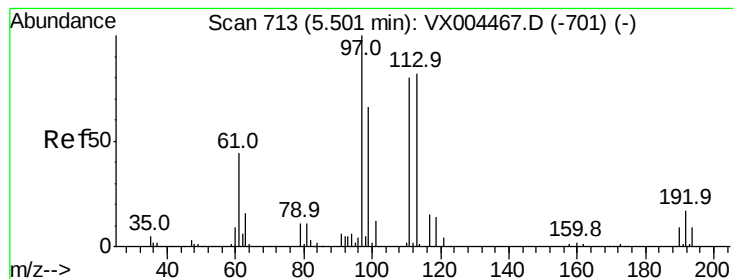


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.418 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004521.D

Acq: 13 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

C-MW-06-091118

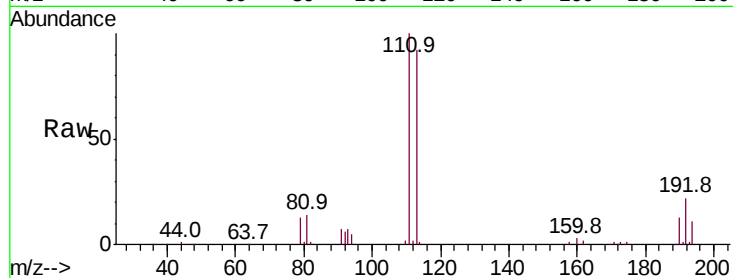
Tot Ion:113 Resp: 148847

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

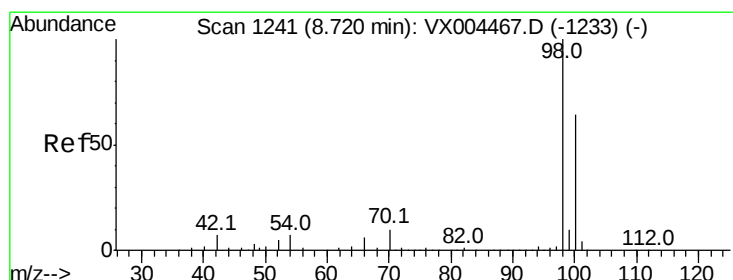
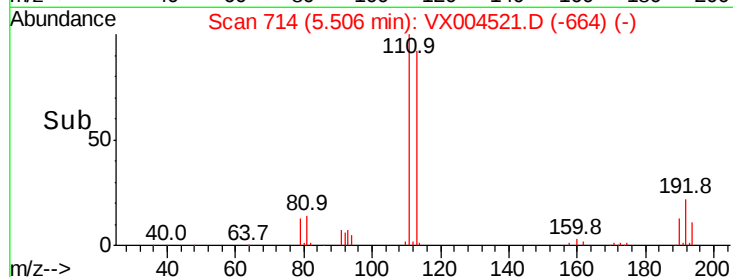
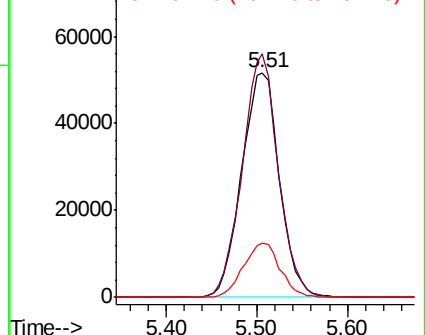
192 23.7 19.4 29.2



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: 48.177 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004521.D

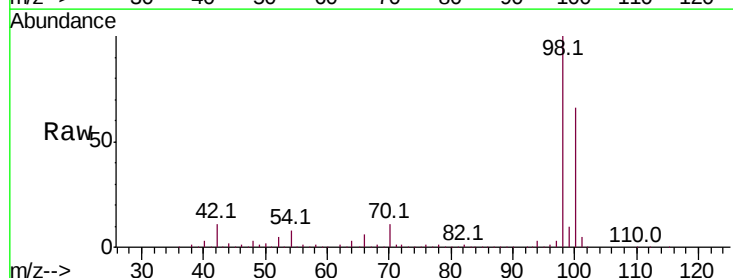
Acq: 13 Sep 2018 17:28

Tgt Ion: 98 Resp: 496676

Ion Ratio Lower Upper

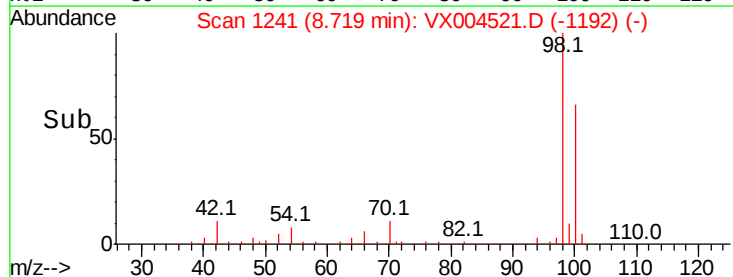
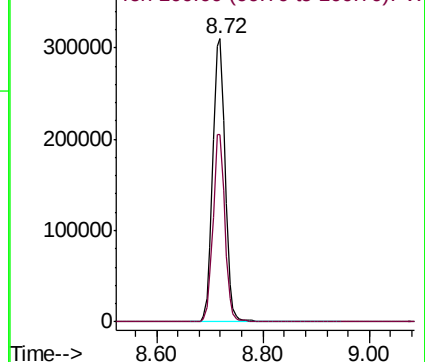
98 100

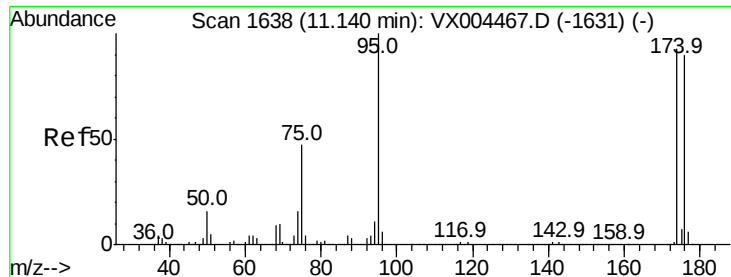
100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

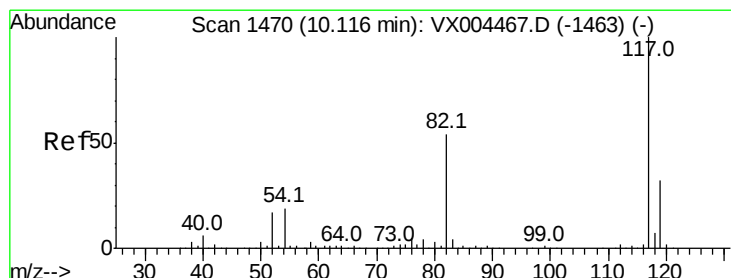
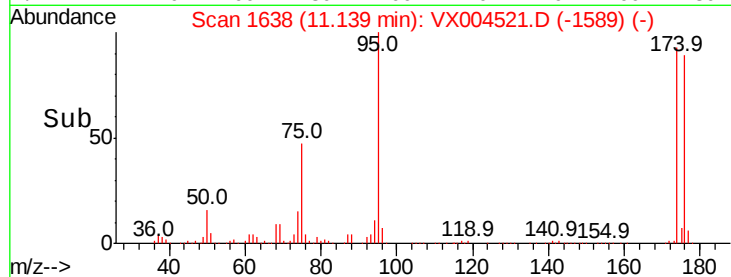
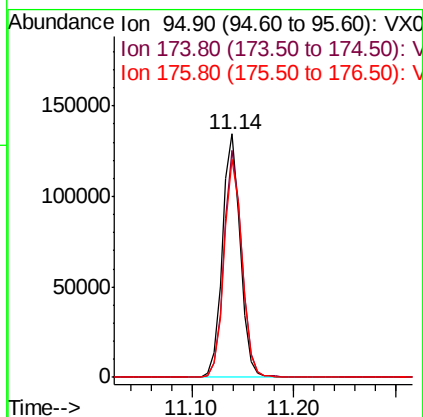
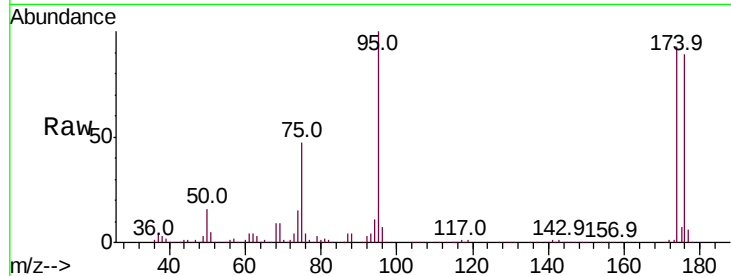




#62
4-Bromofluorobenzene
Concen: 44.834 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004521.D
Acq: 13 Sep 2018 17:28

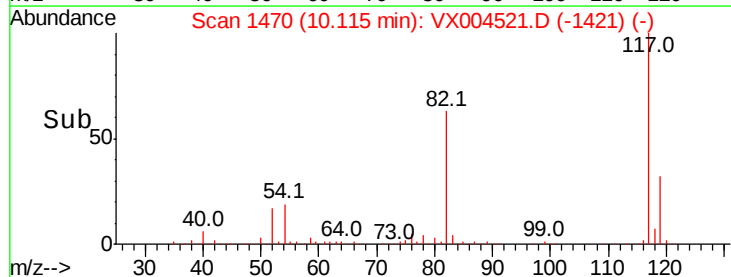
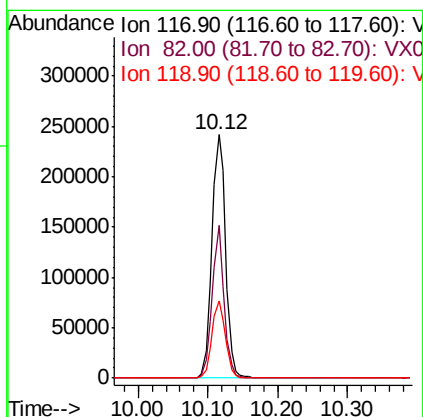
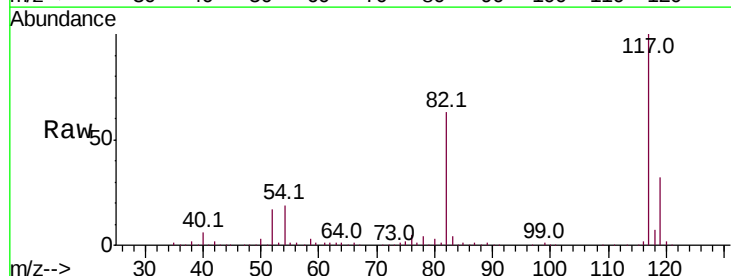
Instrument :
MSVOA_X
ClientSampleId :
C-MW-06-091118

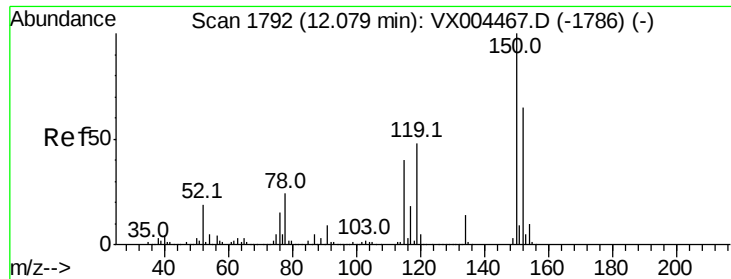
Tot Ion: 95 Resp: 164990
Ion Ratio Lower Upper
95 100
174 93.2 0.0 185.2
176 89.8 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004521.D
Acq: 13 Sep 2018 17:28

Tgt Ion: 117 Resp: 328781
Ion Ratio Lower Upper
117 100
82 62.5 47.8 71.6
119 31.8 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004521.D

Acq: 13 Sep 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

C-MW-06-091118

Tot Ion:152 Resp: 175846

Ion Ratio Lower Upper

152 100

115 55.0 39.0 117.0

150 155.3 0.0 351.0

