

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004291.D
 Acq On : 29 Aug 2018 14:30
 Operator : JC/MD
 Sample : J4681-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02S-M12W4-082318

Quant Time: Aug 30 07:23:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	417793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187054	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
35) Dibromofluoromethane	5.51	113	164587	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	8.71	98	595071	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	206609	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	

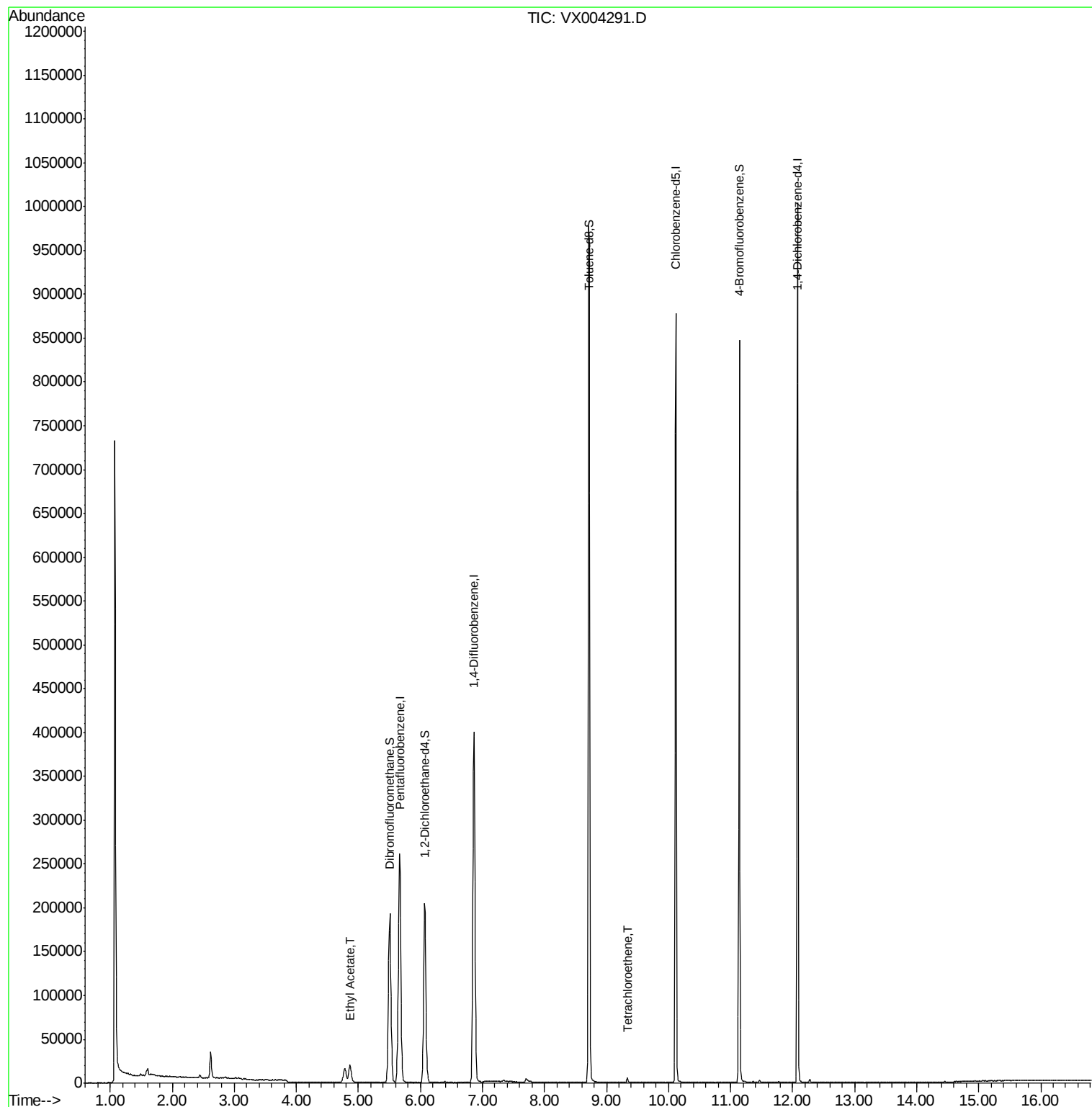
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) Ethyl Acetate	4.86	43	34162	7.40	ug/l	97
64) Tetrachloroethene	9.34	164	1210	0.31	ug/l	88

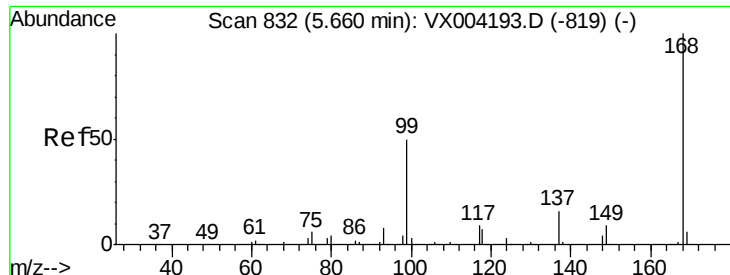
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004291.D

Acq: 29 Aug 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

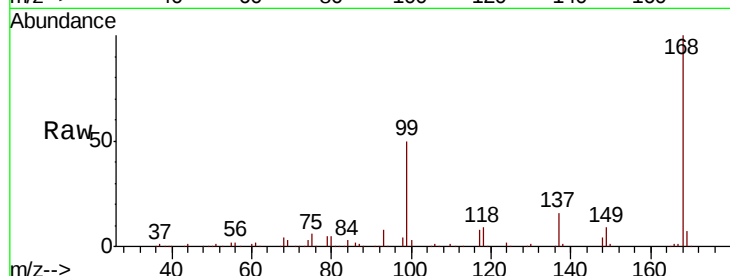
CPA-CPMW02S-M12W4-082318

Tot Ion:168 Resp: 268682

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

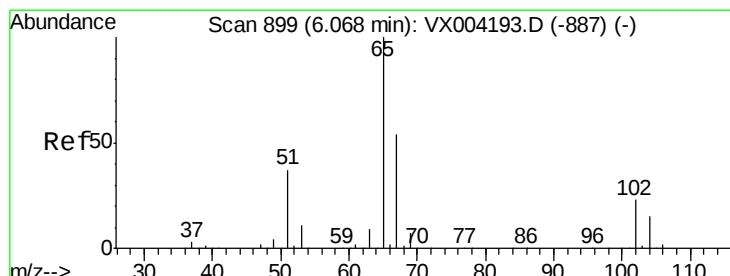
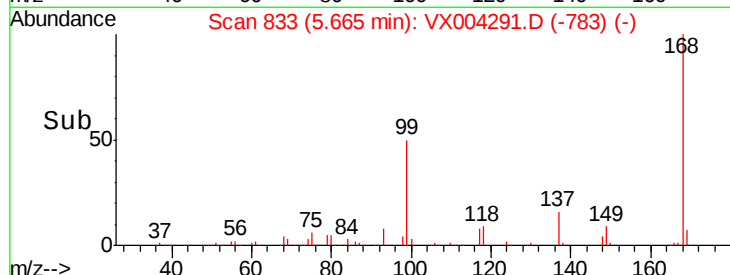
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 53.41 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004291.D

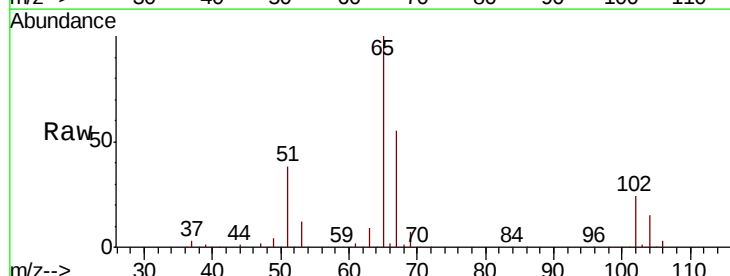
Acq: 29 Aug 2018 14:30

Tgt Ion: 65 Resp: 187054

Ion Ratio Lower Upper

65 100

67 53.6 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

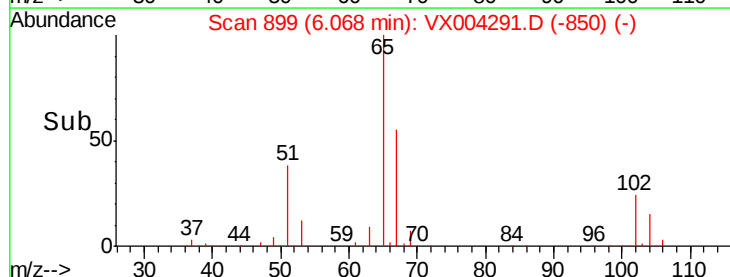
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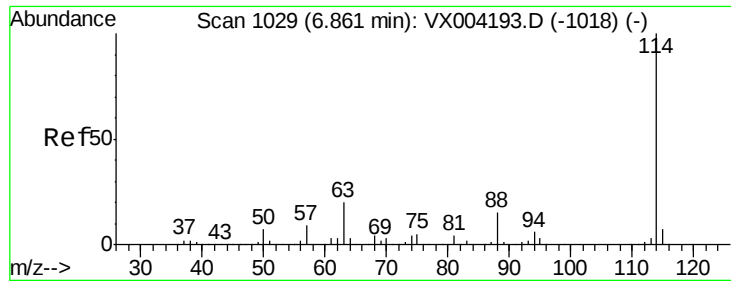
20000

0

Time-->

5.90 6.00 6.10 6.20

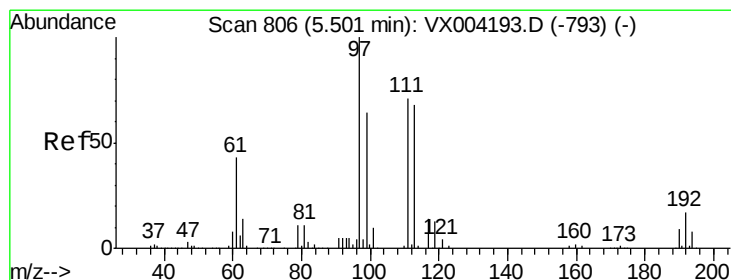
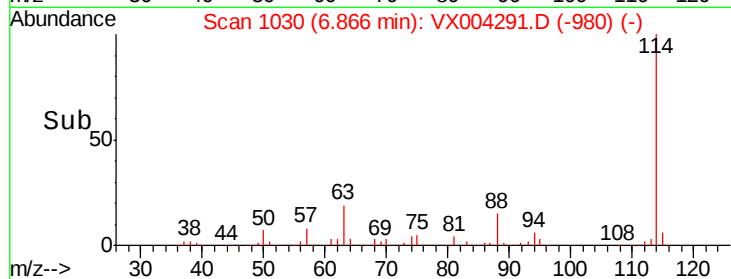
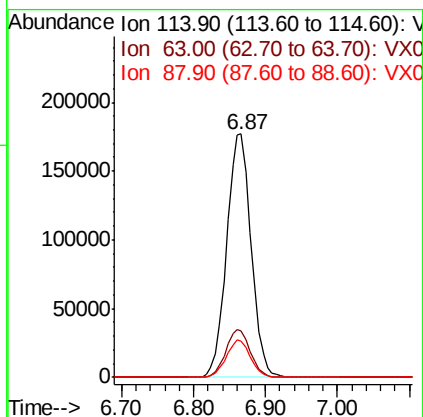
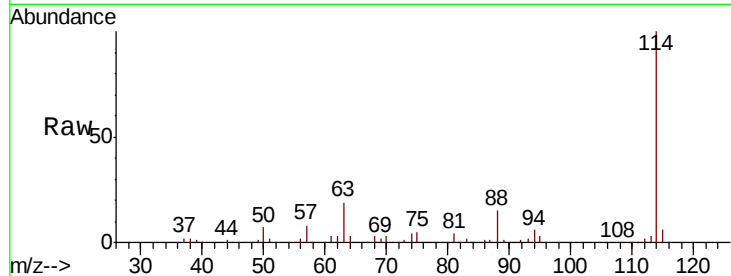




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004291.D
 Acq: 29 Aug 2018 14:30

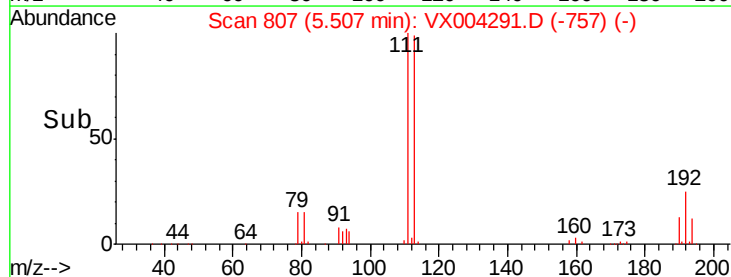
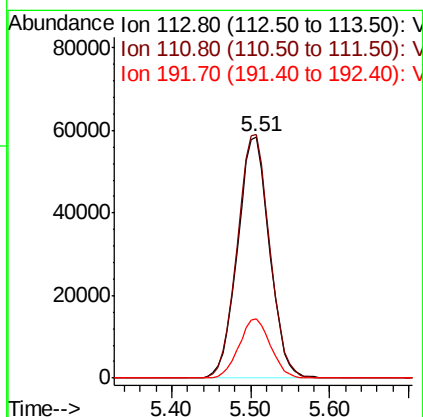
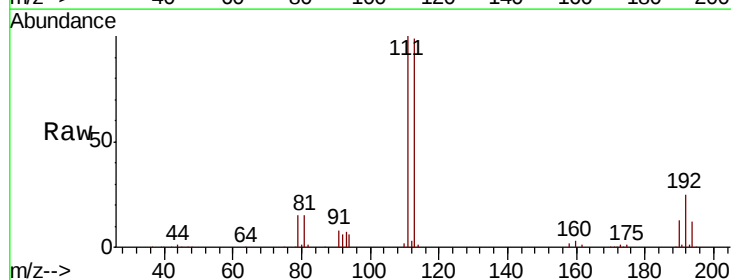
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02S-M12W4-082318

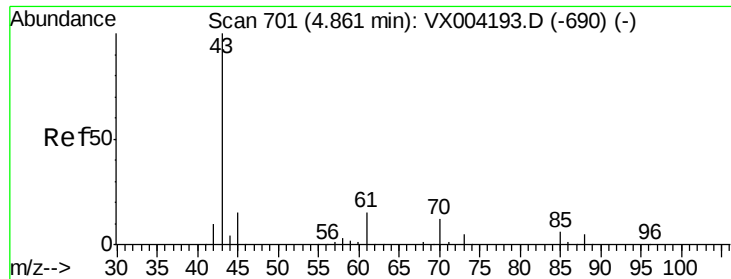
Tot Ion:114 Resp: 417793
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 14.9 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 52.95 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004291.D
 Acq: 29 Aug 2018 14:30

Tgt Ion:113 Resp: 164587
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.3 19.4 29.2





#37

Ethyl Acetate

Concen: 7.40 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004291.D

Acq: 29 Aug 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02S-M12W4-082318

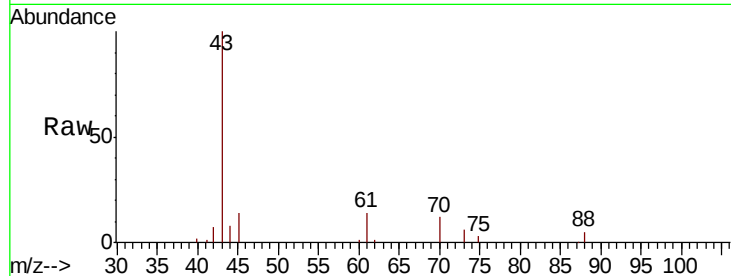
Tot Ion: 43 Resp: 34162

Ion Ratio Lower Upper

43 100

61 15.9 11.5 17.3

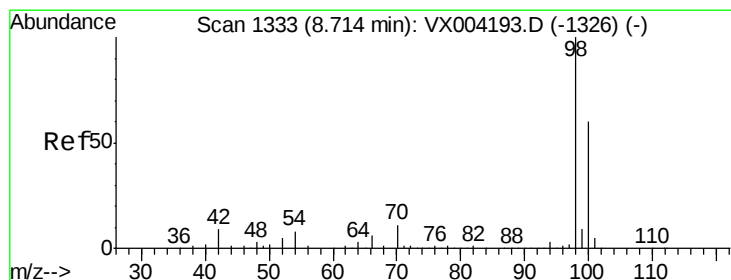
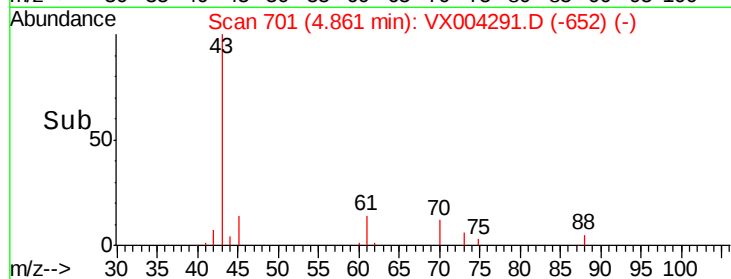
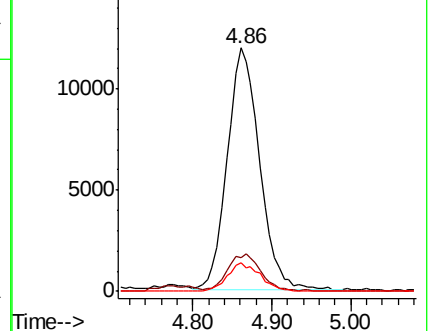
70 11.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#50

Toluene-d8

Concen: 50.72 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004291.D

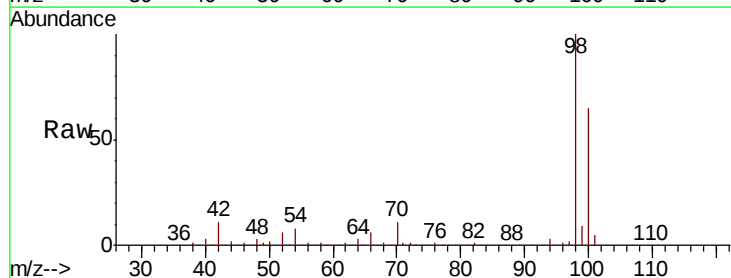
Acq: 29 Aug 2018 14:30

Tgt Ion: 98 Resp: 595071

Ion Ratio Lower Upper

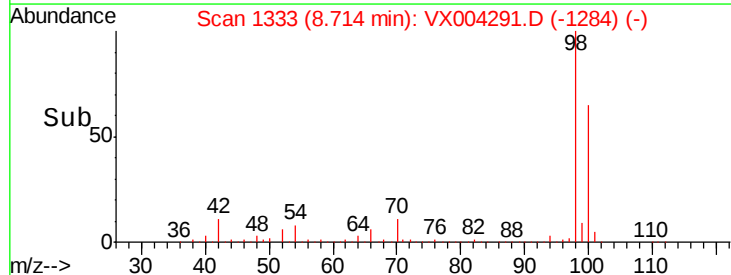
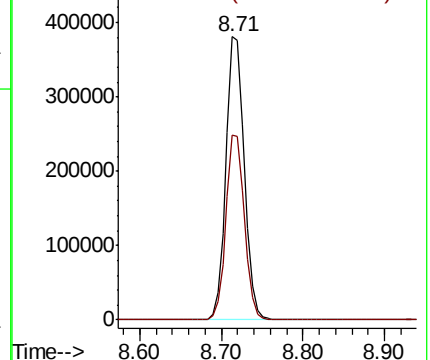
98 100

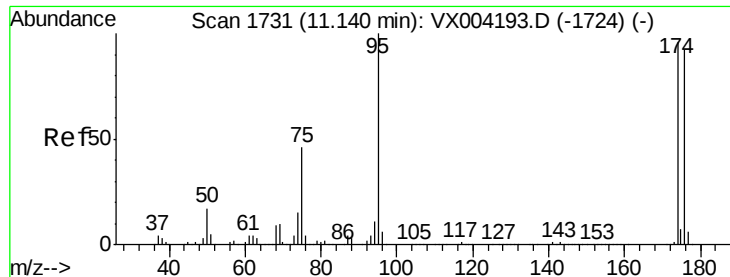
100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004291.D

Acq: 29 Aug 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02S-M12W4-082318

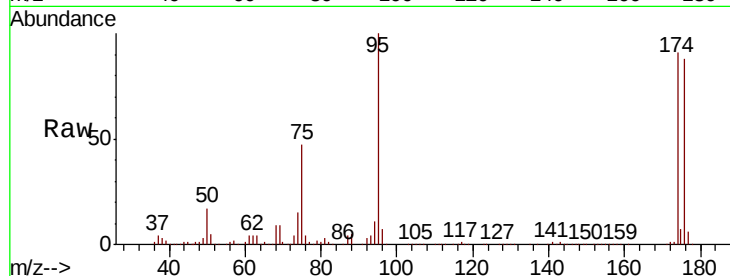
Tot Ion: 95 Resp: 206609

Ion Ratio Lower Upper

95 100

174 92.6 0.0 185.2

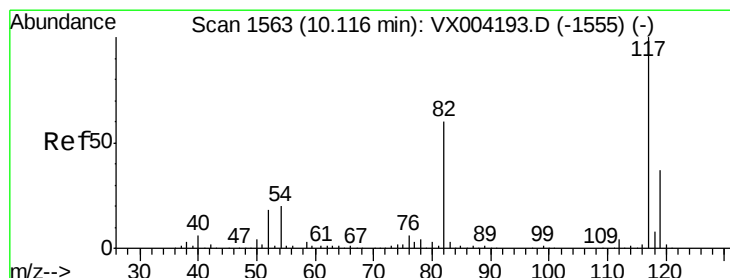
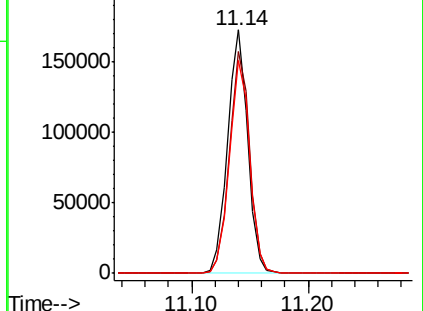
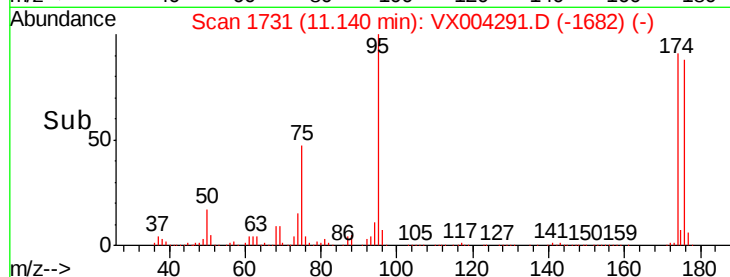
176 89.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004291.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX004291.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX004291.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004291.D

Acq: 29 Aug 2018 14:30

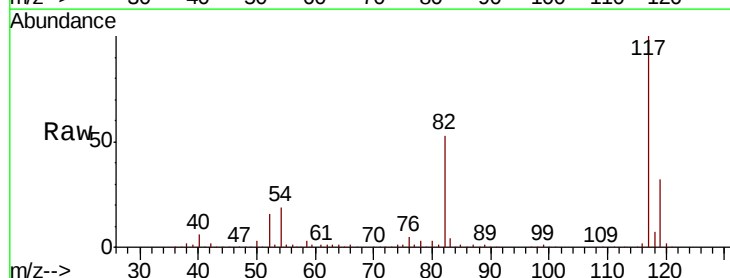
Tgt Ion: 117 Resp: 389842

Ion Ratio Lower Upper

117 100

82 53.3 47.8 71.6

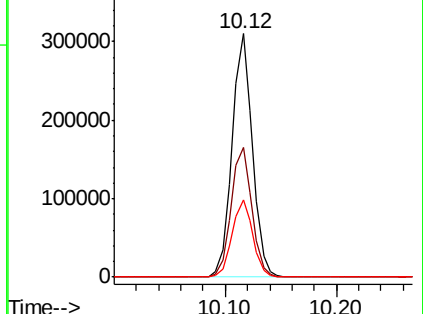
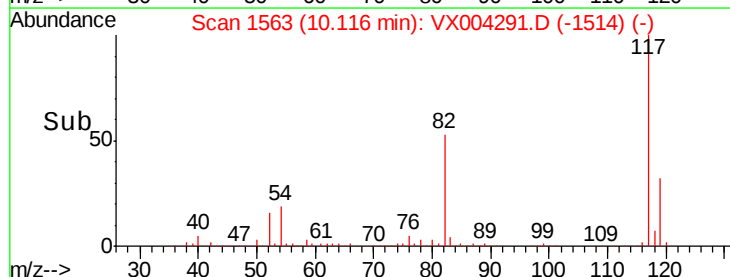
119 31.9 29.3 43.9

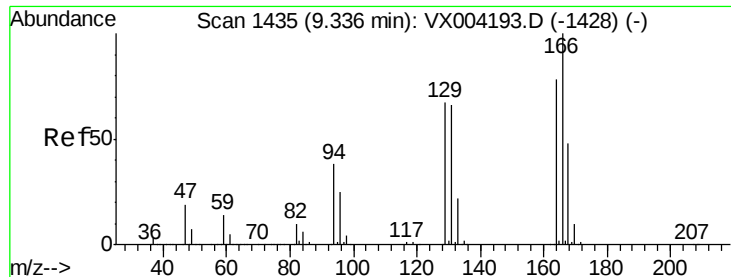


Abundance Ion 116.90 (116.60 to 117.60): VX004291.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX004291.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX004291.D (-1514) (-)





#64

Tetrachloroethene

Concen: 0.31 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004291.D

Acq: 29 Aug 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02S-M12W4-082318

Tot Ion:164 Resp: 1210

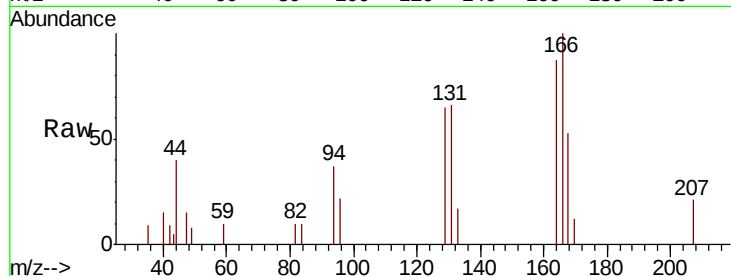
Ion Ratio Lower Upper

164 100

166 114.7 102.8 154.2

129 74.2 69.4 104.0

131 75.9 67.9 101.9



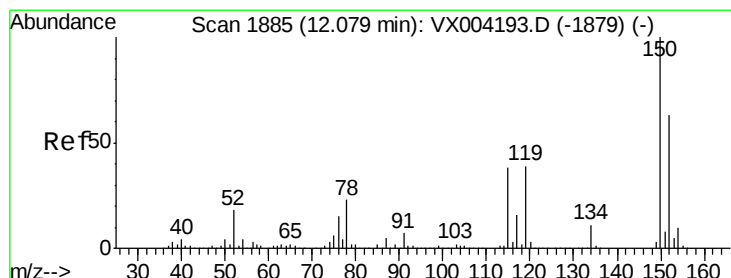
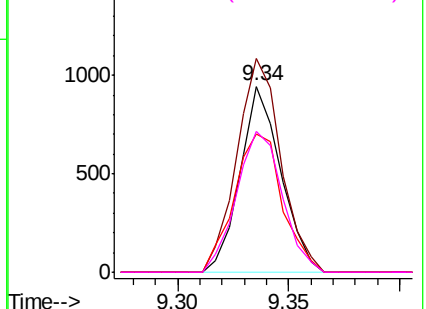
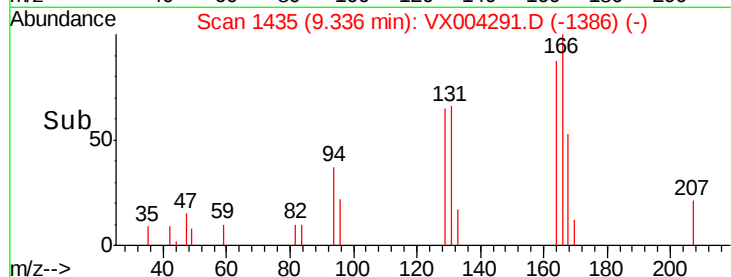
Abundance

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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004291.D

Acq: 29 Aug 2018 14:30

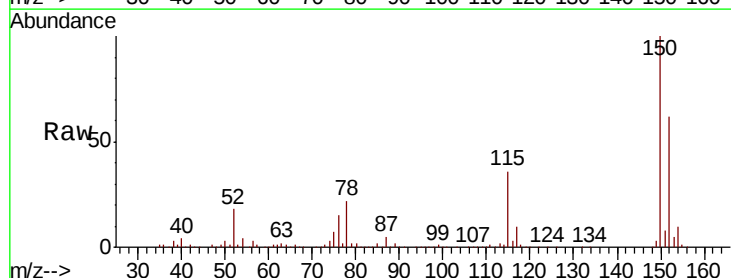
Tgt Ion:152 Resp: 204459

Ion Ratio Lower Upper

152 100

115 56.1 39.0 117.0

150 162.7 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

