

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004288.D
 Acq On : 29 Aug 2018 13:10
 Operator : JC/MD
 Sample : J4681-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW11S-M12W4-082218

Quant Time: Aug 30 07:25:56 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

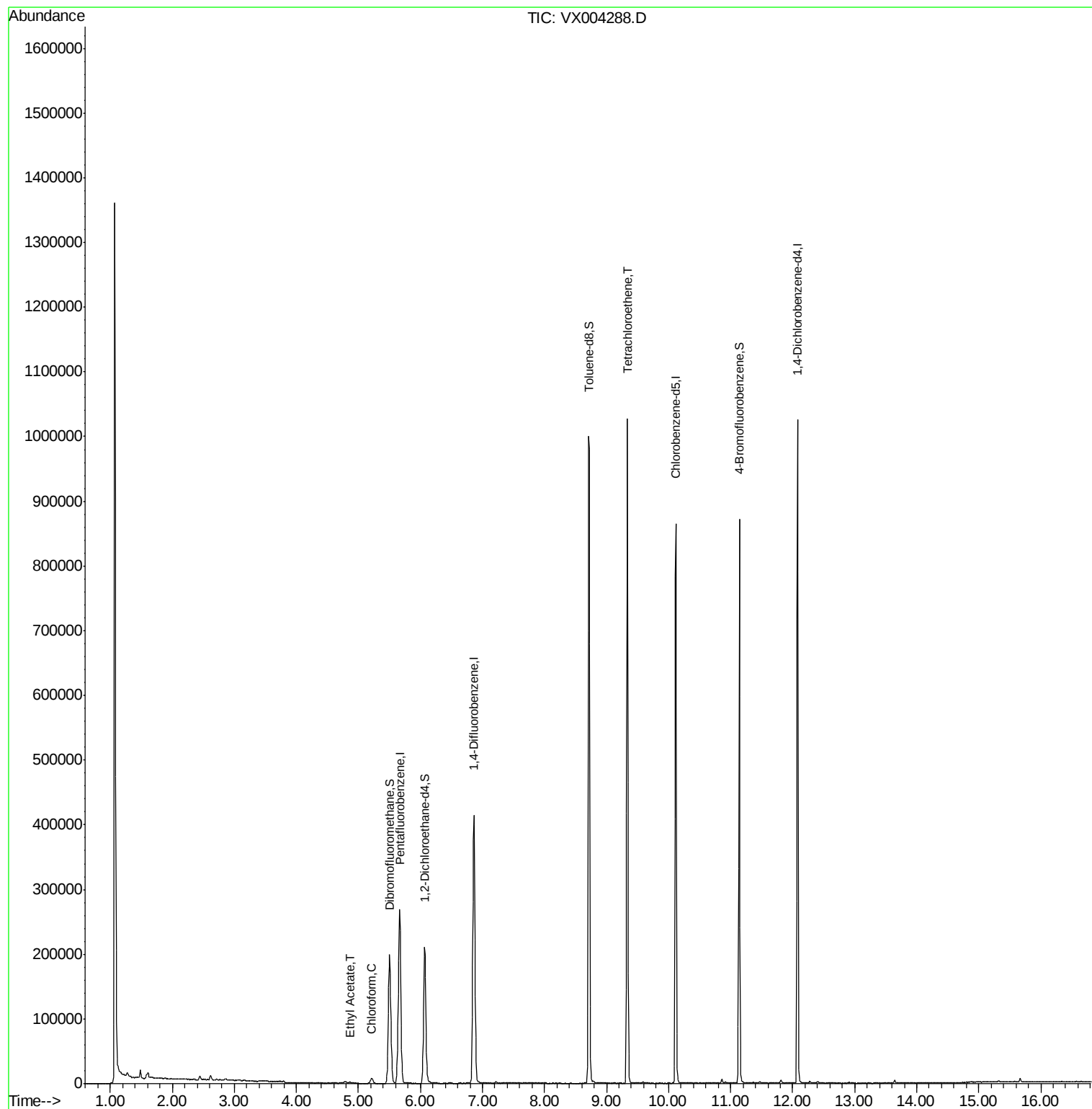
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	276748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	430193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192219	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	5.50	113	167920	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	8.71	98	611123	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	215219	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
Target Compounds						
30) Chloroform	5.21	83	8456	1.44	ug/l	96
37) Ethyl Acetate	4.86	43	3538	0.74	ug/l	97
64) Tetrachloroethene	9.34	164	209914	53.10	ug/l	99

(#) = 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

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Instrument :

MSVOA_X

ClientSampleId :

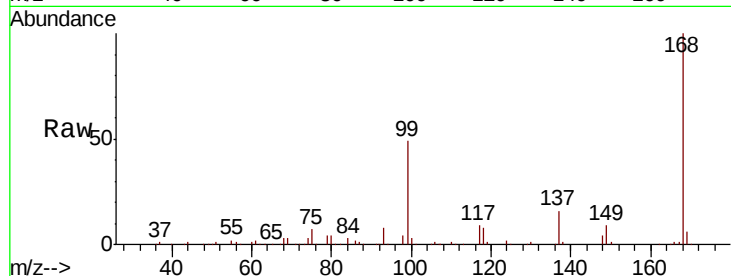
CPA-CPMW11S-M12W4-082218

Tot Ion:168 Resp: 276748

Ion Ratio Lower Upper

168 100

99 49.0 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

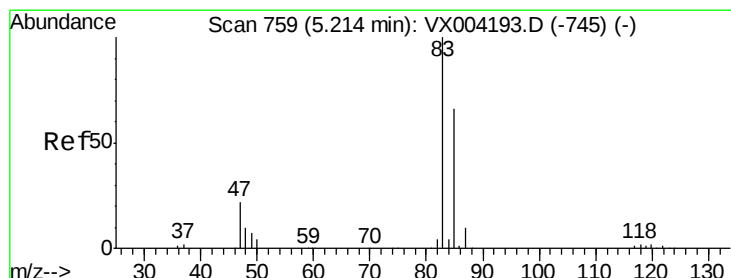
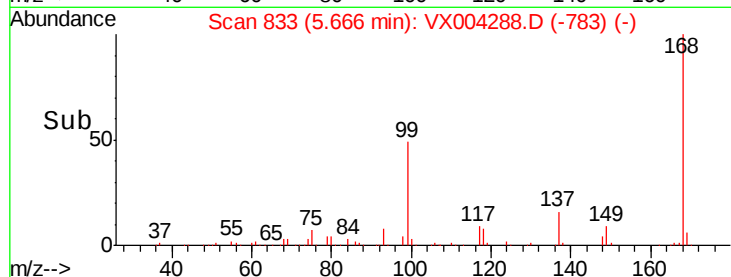
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 1.44 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004288.D

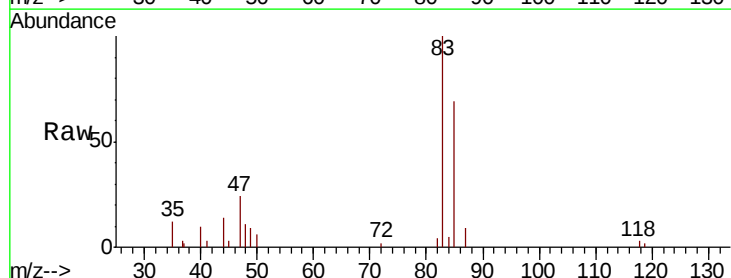
Acq: 29 Aug 2018 13:10

Tgt Ion: 83 Resp: 8456

Ion Ratio Lower Upper

83 100

85 69.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

3000

2500

2000

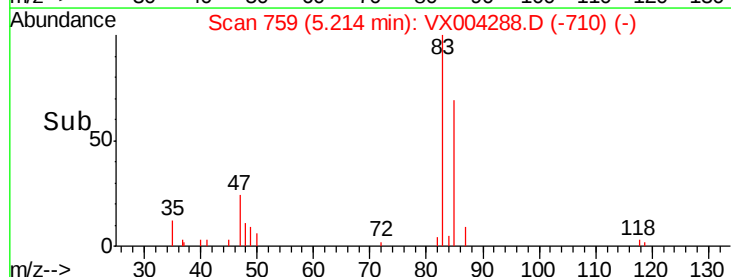
1500

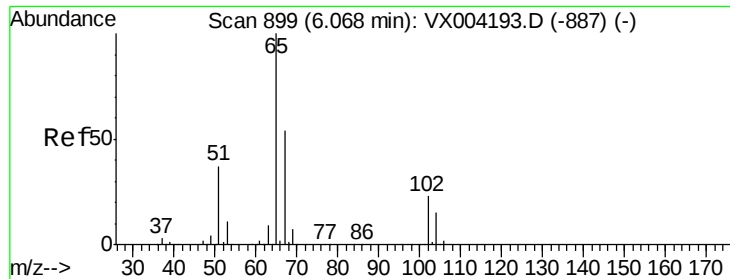
1000

500

0

Time--> 5.10 5.20 5.30





#33

1,2-Dichloroethane-d4

Concen: 53.29 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004288.D

Acq: 29 Aug 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

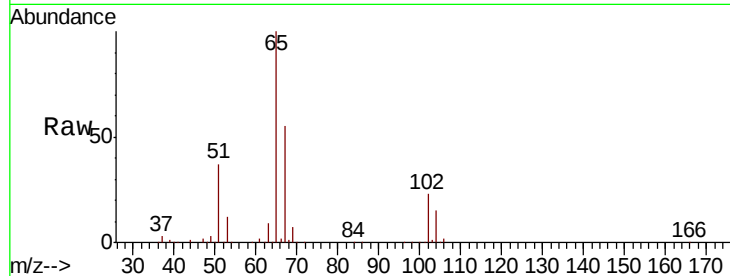
CPA-CPMW11S-M12W4-082218

Tot Ion: 65 Resp: 192219

Ion Ratio Lower Upper

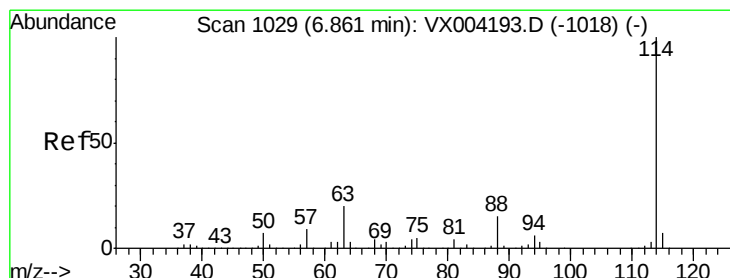
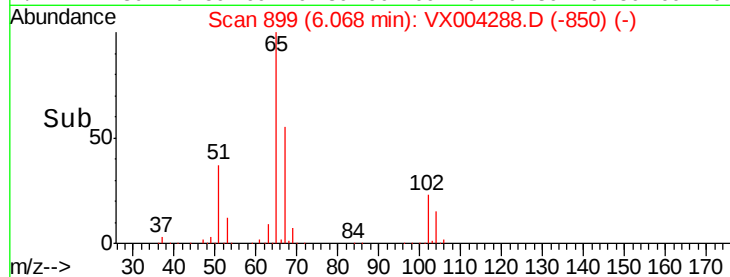
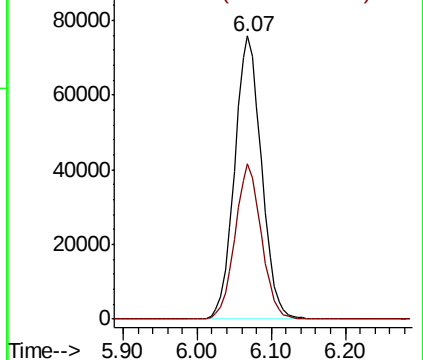
65 100

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



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004288.D

Acq: 29 Aug 2018 13:10

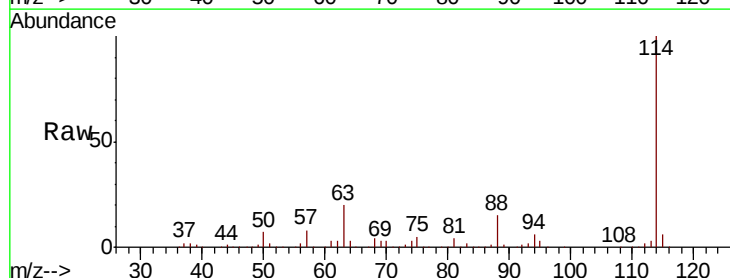
Tgt Ion: 114 Resp: 430193

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

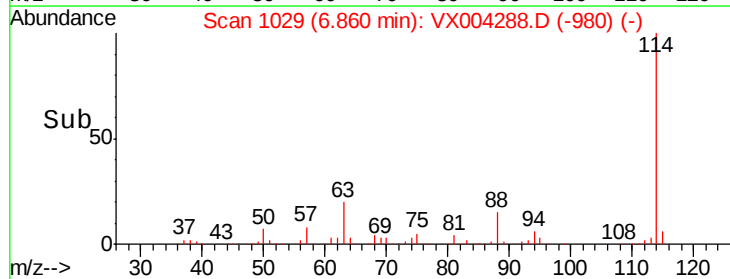
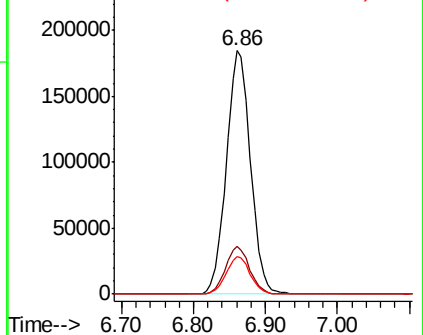
88 15.2 0.0 30.4

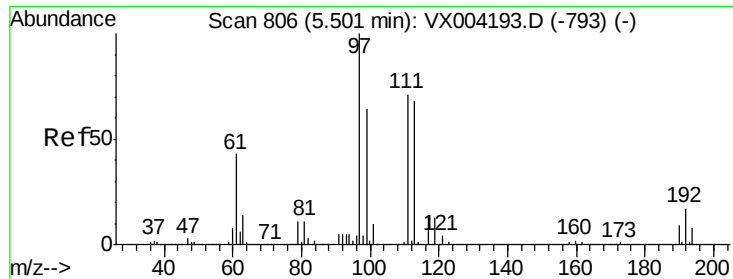


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

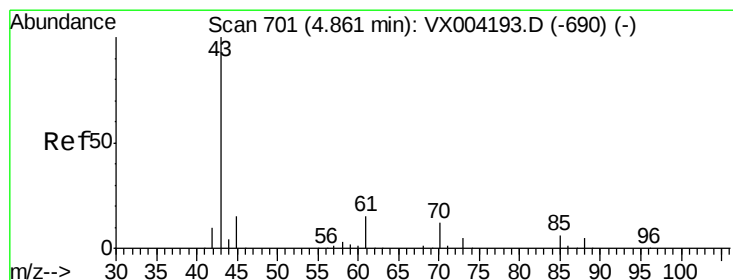
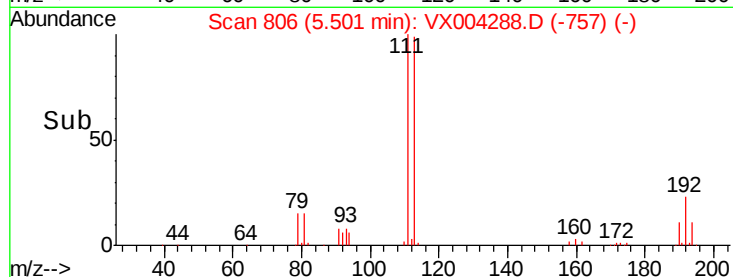
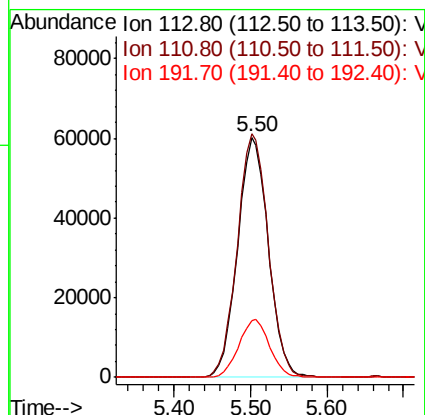
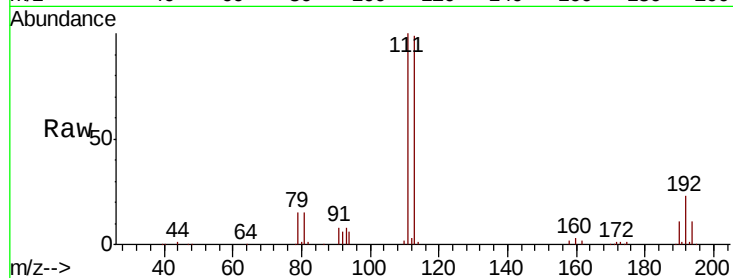




#35
Dibromofluoromethane
Concen: 52.47 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004288.D
Acq: 29 Aug 2018 13:10

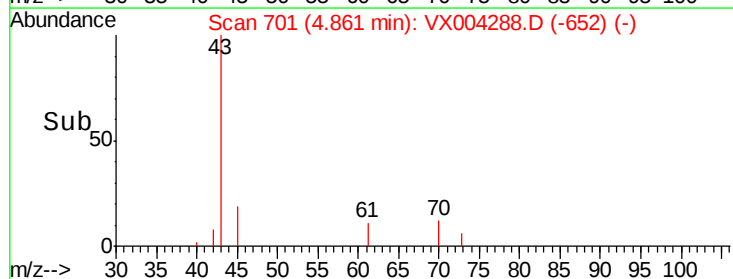
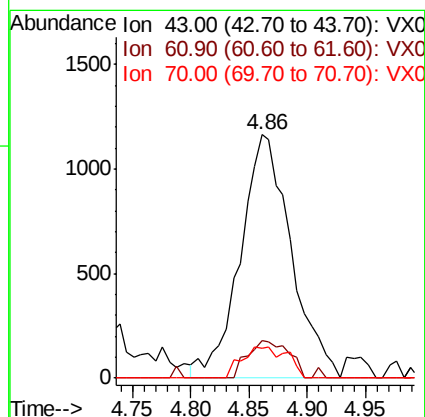
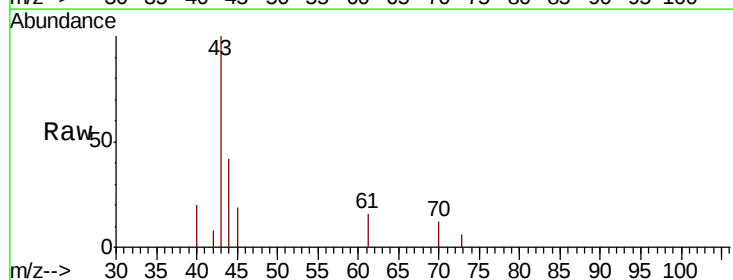
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW11S-M12W4-082218

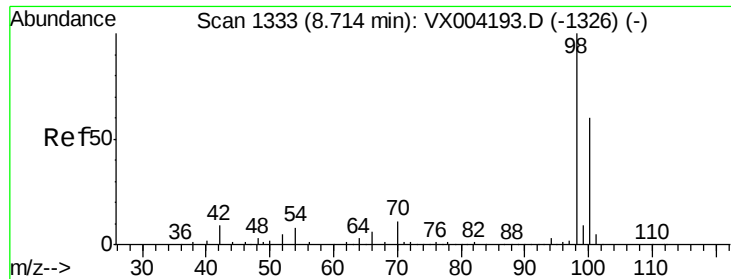
Tot Ion:113 Resp: 167920
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 24.2 19.4 29.2



#37
Ethyl Acetate
Concen: 0.74 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.00 min
Lab File: VX004288.D
Acq: 29 Aug 2018 13:10

Tgt Ion: 43 Resp: 3538
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 11.6 9.0 13.6

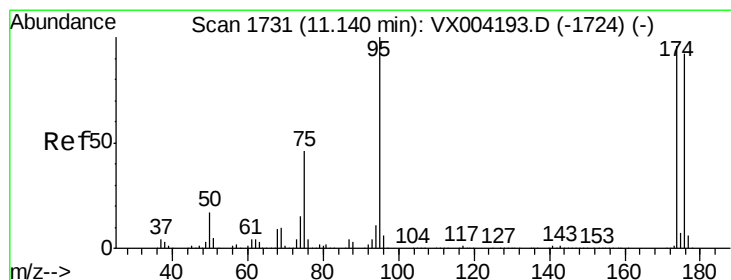
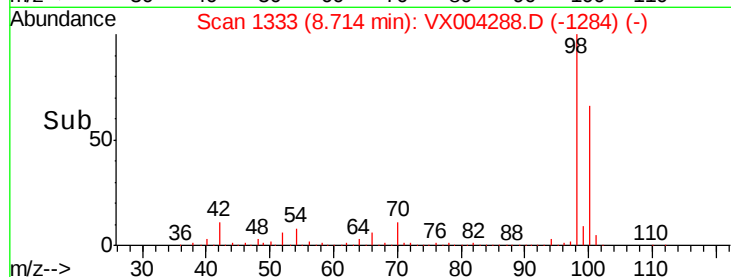
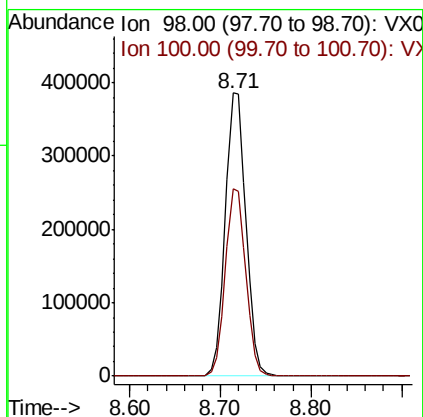
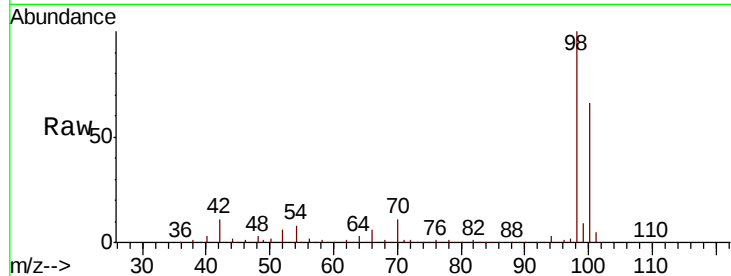




#50
Toluene-d8
Concen: 50.59 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004288.D
Acq: 29 Aug 2018 13:10

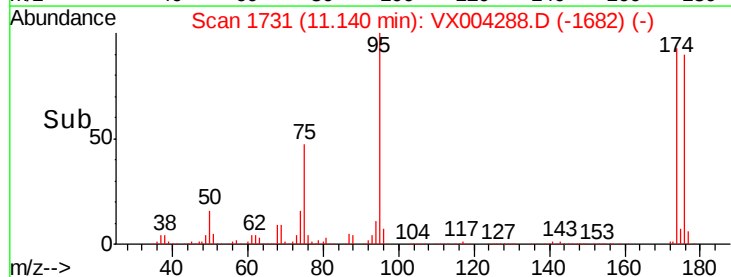
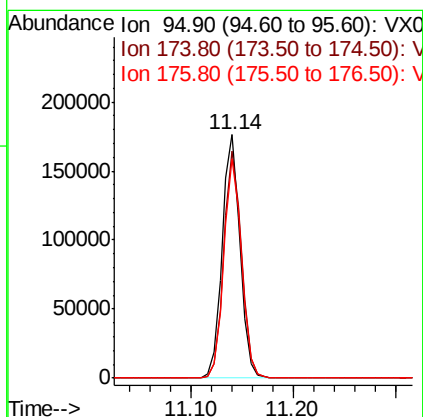
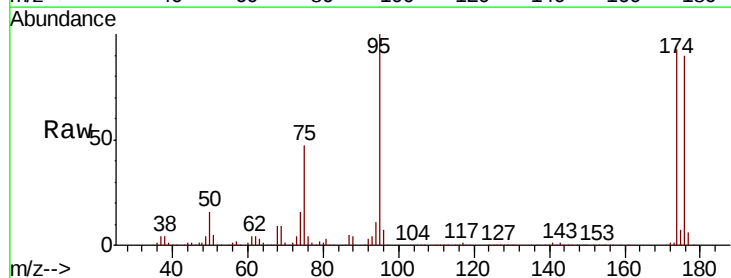
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW11S-M12W4-082218

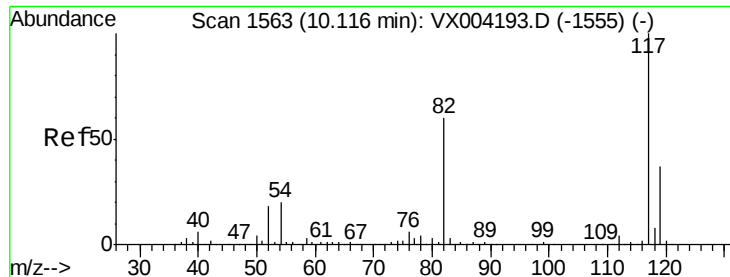
Tot Ion: 98 Resp: 611123
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004288.D
Acq: 29 Aug 2018 13:10

Tgt Ion: 95 Resp: 215219
Ion Ratio Lower Upper
95 100
174 93.3 0.0 185.2
176 89.5 0.0 178.6

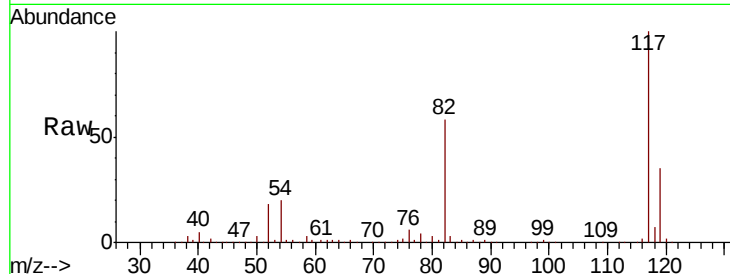




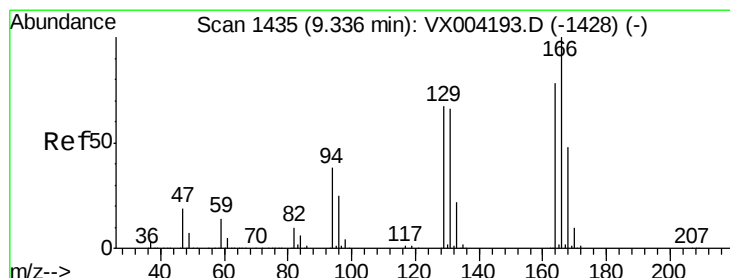
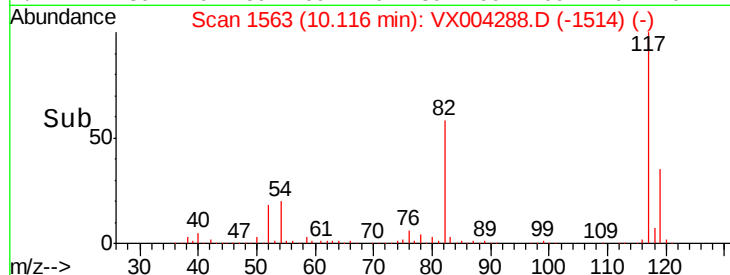
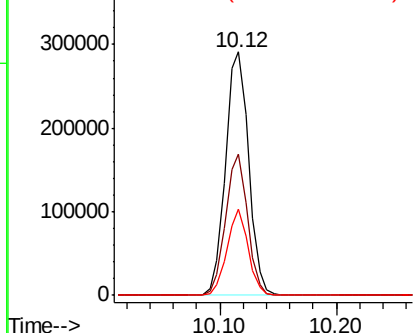
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004288.D
Acq: 29 Aug 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW11S-M12W4-082218

Tot Ion:117 Resp: 400156
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 35.2 29.3 43.9

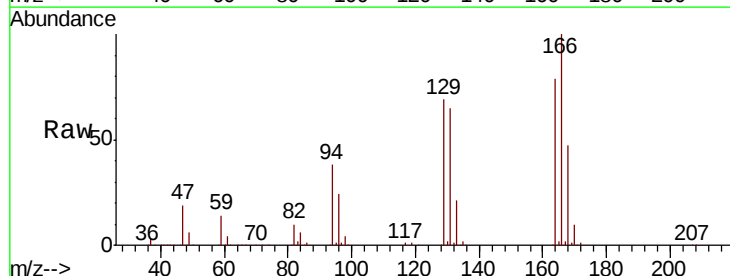


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

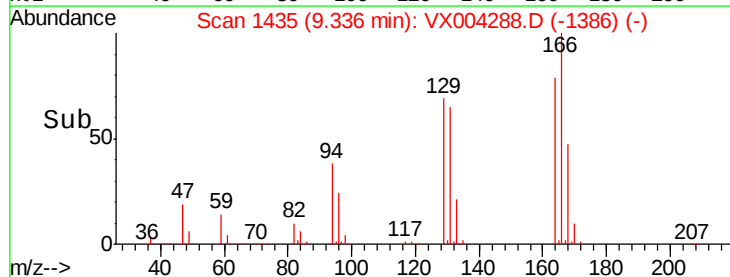
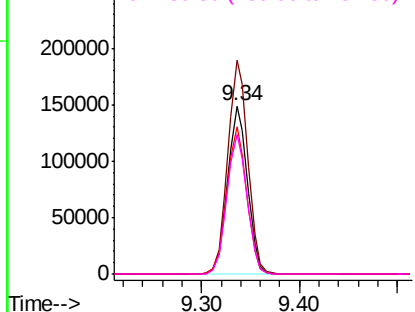


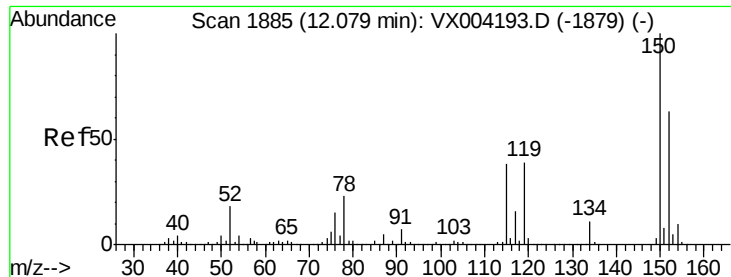
#64
Tetrachloroethene
Concen: 53.10 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004288.D
Acq: 29 Aug 2018 13:10

Tgt Ion:164 Resp: 209914
Ion Ratio Lower Upper
164 100
166 127.4 102.8 154.2
129 87.8 69.4 104.0
131 83.4 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: VX004288.D

Acq: 29 Aug 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW11S-M12W4-082218

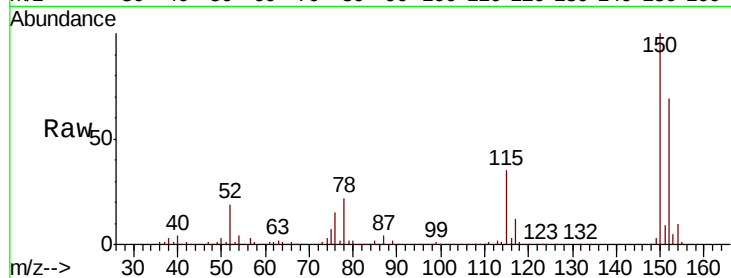
Tot Ion:152 Resp: 218507

Ion Ratio Lower Upper

152 100

115 52.9 39.0 117.0

150 150.3 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

