

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004298.D
 Acq On : 29 Aug 2018 17:37
 Operator : JC/MD
 Sample : J4681-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW09D-M12W4-082318

Quant Time: Aug 30 07:19:41 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

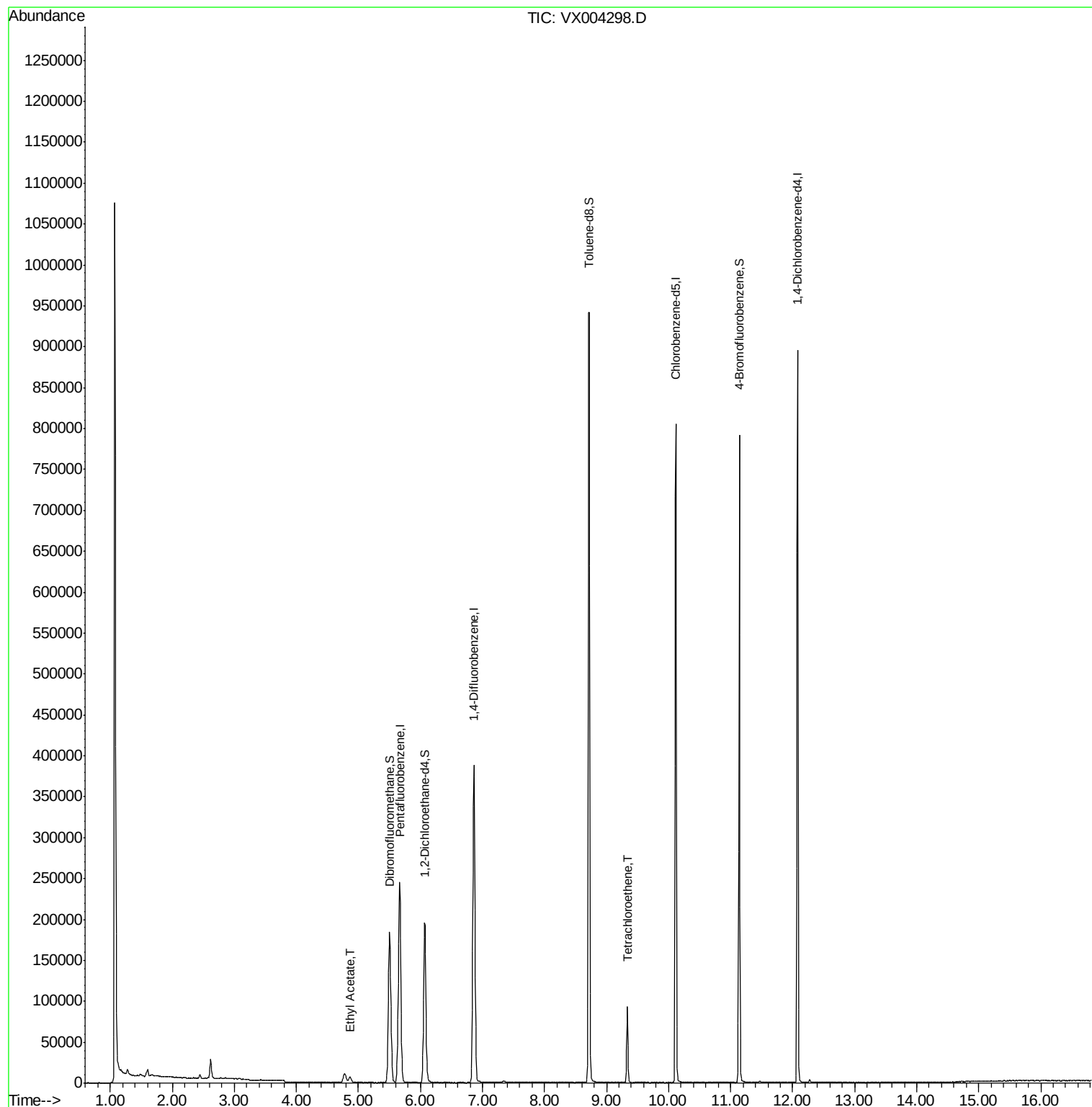
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179462	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	5.50	113	157705	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
50) Toluene-d8	8.72	98	563696	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	192942	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
37) Ethyl Acetate	4.87	43	11870	2.71	ug/l	97
64) Tetrachloroethene	9.34	164	19046	5.10	ug/l	98

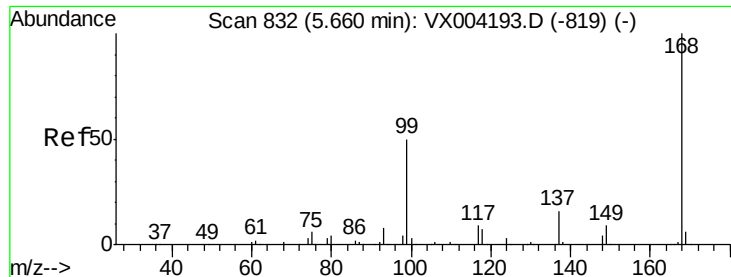
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004298.D

Acq: 29 Aug 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

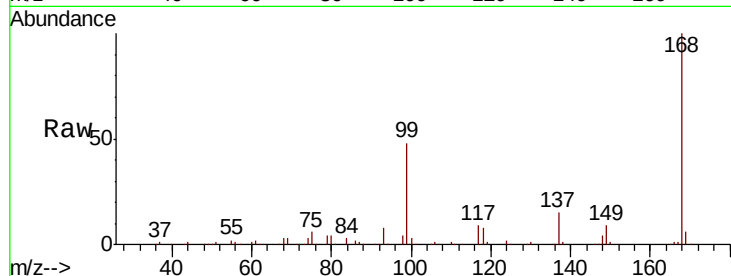
CPA-CPMW09D-M12W4-082318

Tot Ion:168 Resp: 249711

Ion Ratio Lower Upper

168 100

99 47.7 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

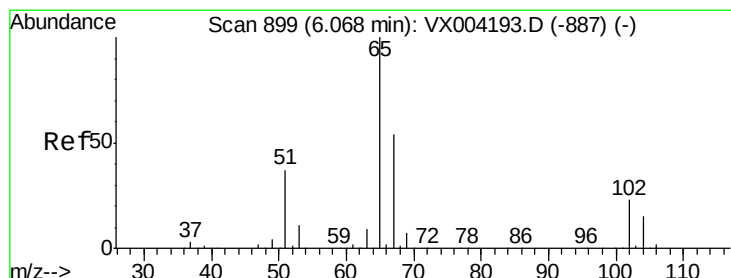
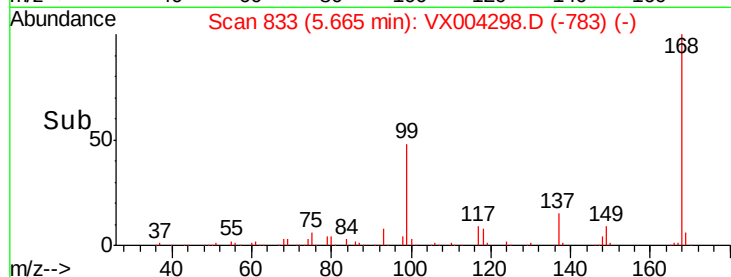
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.14 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004298.D

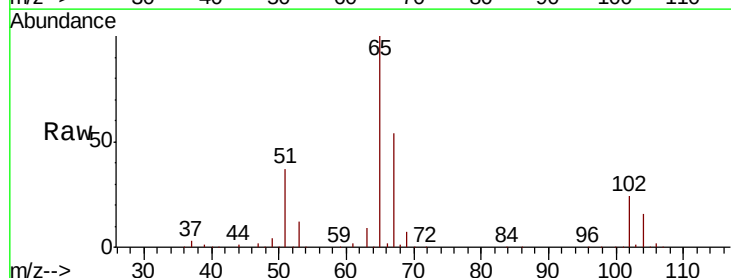
Acq: 29 Aug 2018 17:37

Tgt Ion: 65 Resp: 179462

Ion Ratio Lower Upper

65 100

67 53.3 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

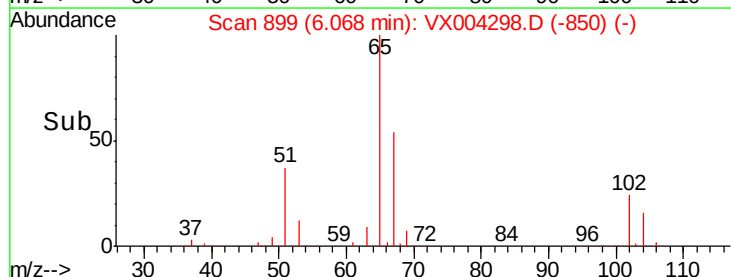
60000

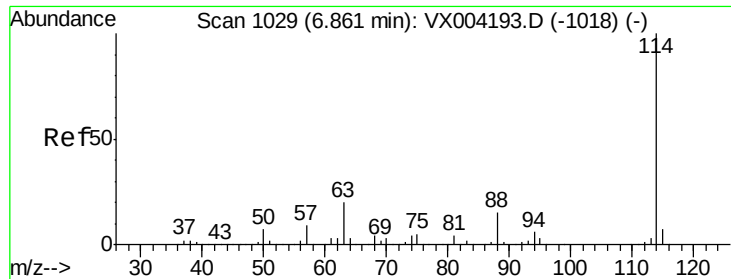
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

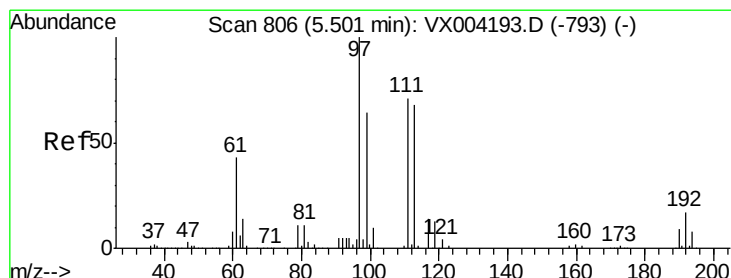
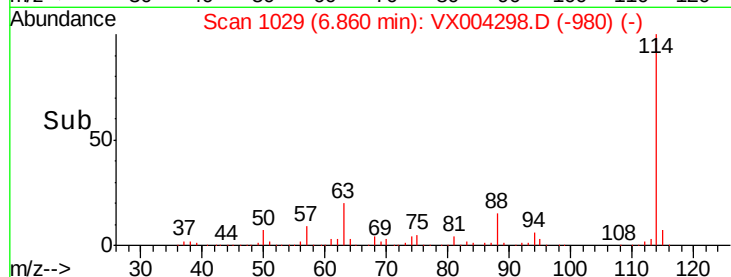
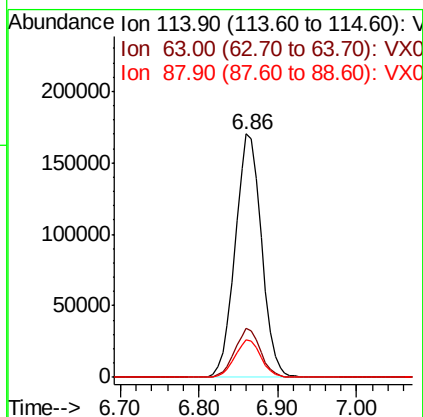
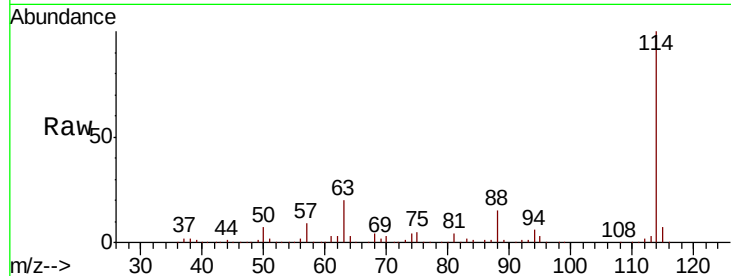




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004298.D
 Acq: 29 Aug 2018 17:37

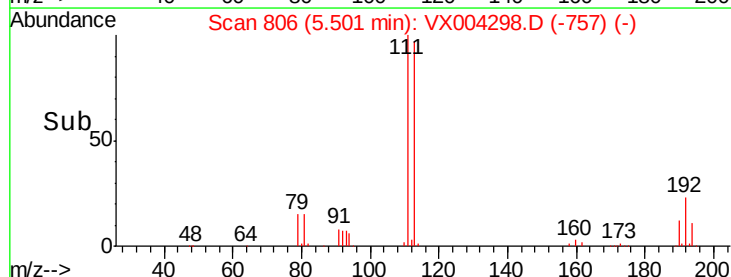
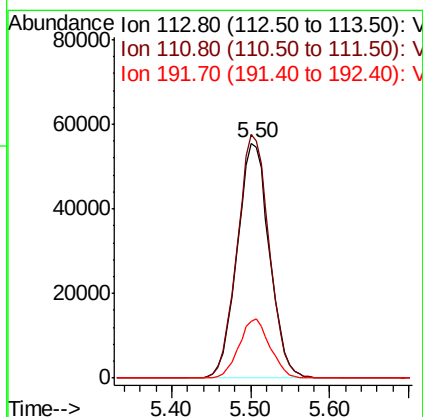
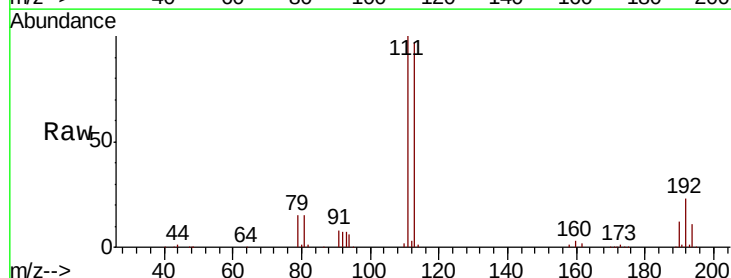
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW09D-M12W4-082318

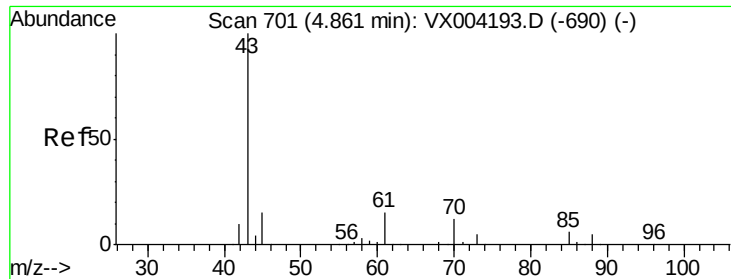
Tot Ion:114 Resp: 395706
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.3 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.57 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004298.D
 Acq: 29 Aug 2018 17:37

Tgt Ion:113 Resp: 157705
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 24.2 19.4 29.2





#37

Ethyl Acetate

Concen: 2.71 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.01 min

Lab File: VX004298.D

Acq: 29 Aug 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW09D-M12W4-082318

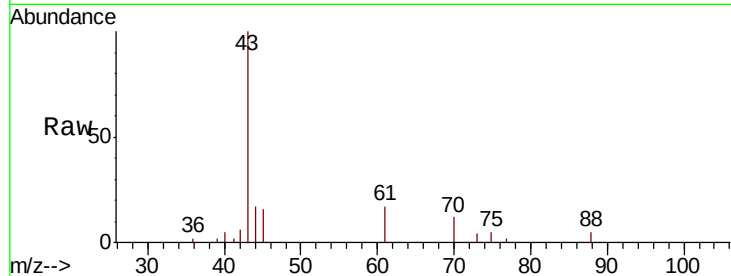
Tot Ion: 43 Resp: 11870

Ion Ratio Lower Upper

43 100

61 15.7 11.5 17.3

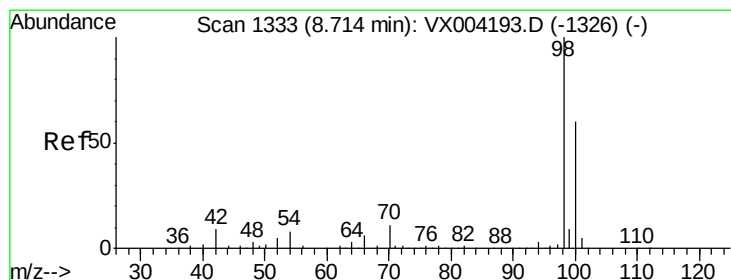
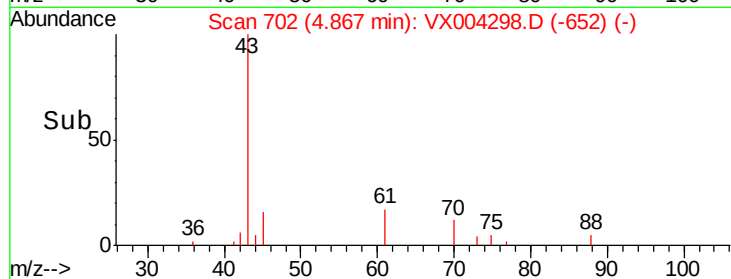
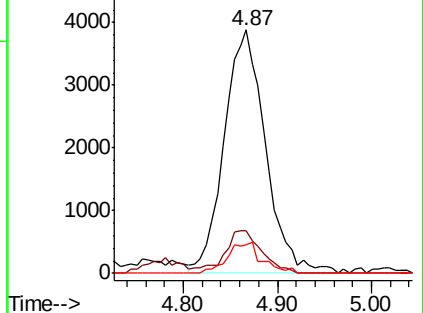
70 10.7 9.0 13.6



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: 50.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VX004298.D

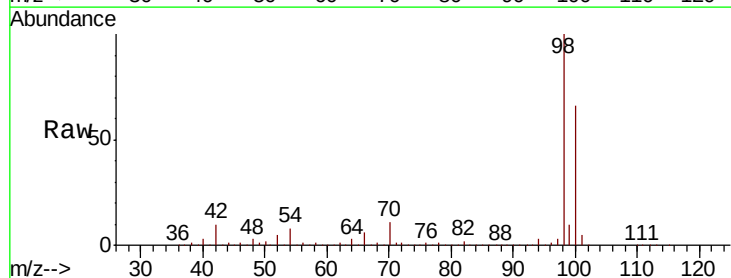
Acq: 29 Aug 2018 17:37

Tgt Ion: 98 Resp: 563696

Ion Ratio Lower Upper

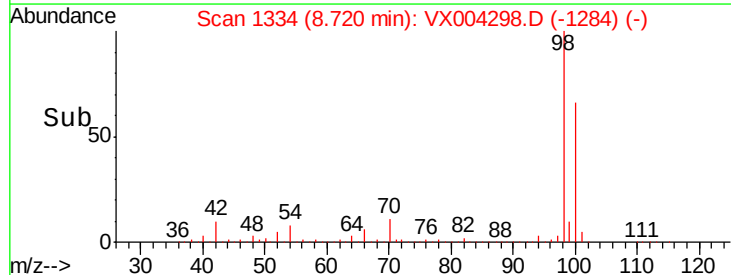
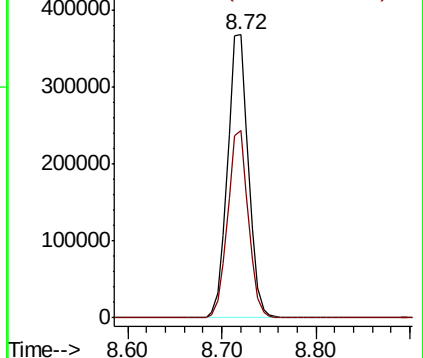
98 100

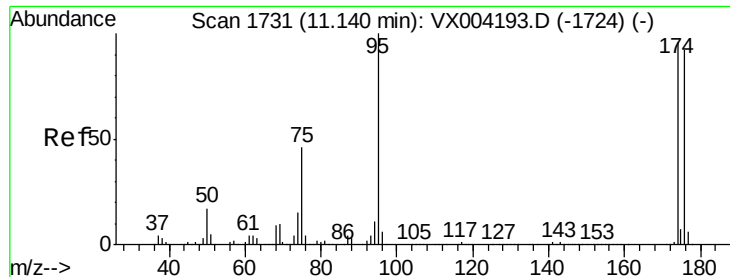
100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

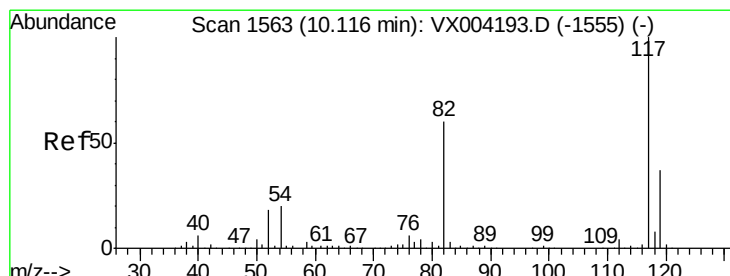
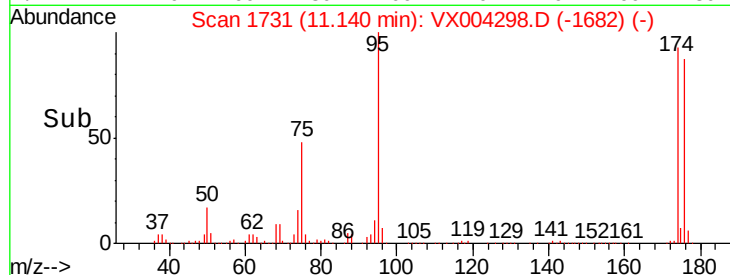
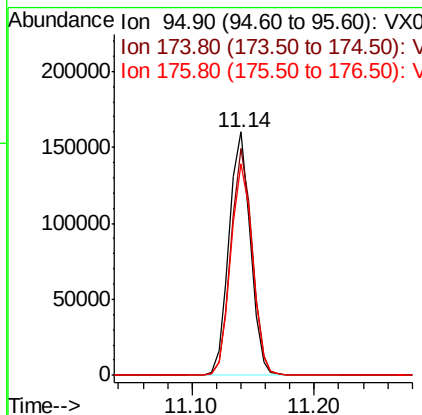
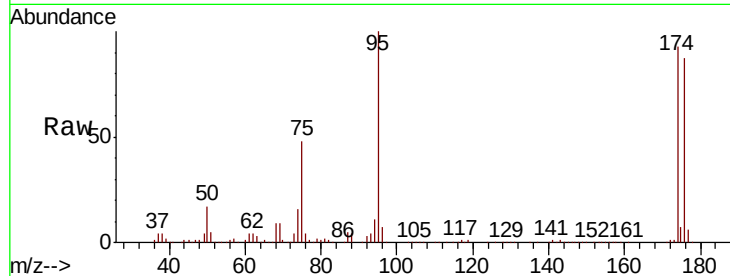




#62
4-Bromofluorobenzene
Concen: 46.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004298.D
Acq: 29 Aug 2018 17:37

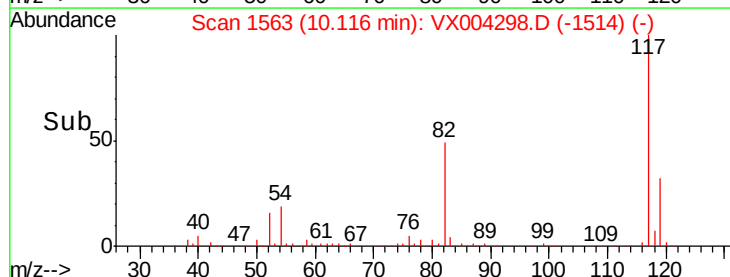
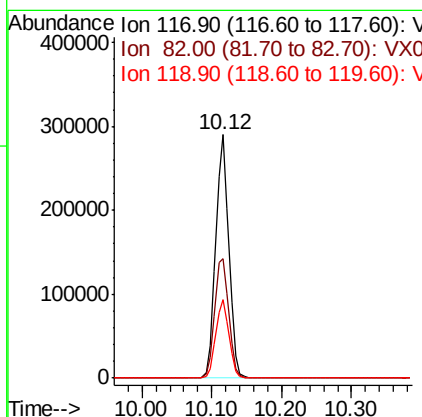
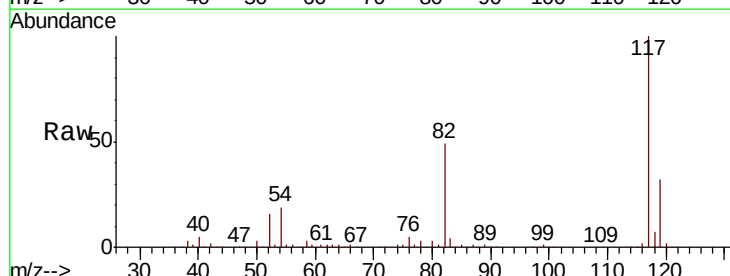
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW09D-M12W4-082318

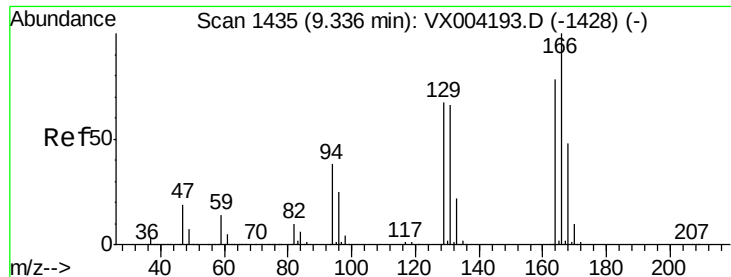
Tot Ion: 95 Resp: 192942
Ion Ratio Lower Upper
95 100
174 93.1 0.0 185.2
176 88.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004298.D
Acq: 29 Aug 2018 17:37

Tgt Ion: 117 Resp: 378004
Ion Ratio Lower Upper
117 100
82 49.2 47.8 71.6
119 32.1 29.3 43.9





#64

Tetrachloroethene

Concen: 5.10 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004298.D

Acq: 29 Aug 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW09D-M12W4-082318

Tot Ion:164 Resp: 19046

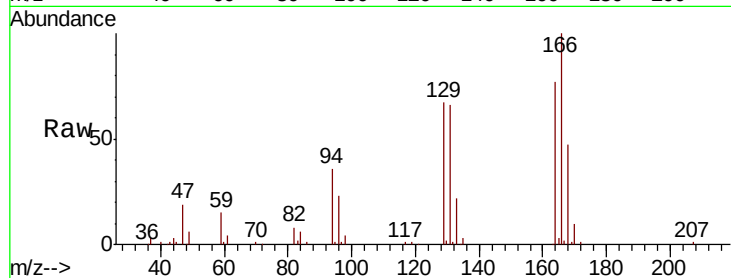
Ion Ratio Lower Upper

164 100

166 130.7 102.8 154.2

129 88.0 69.4 104.0

131 86.6 67.9 101.9

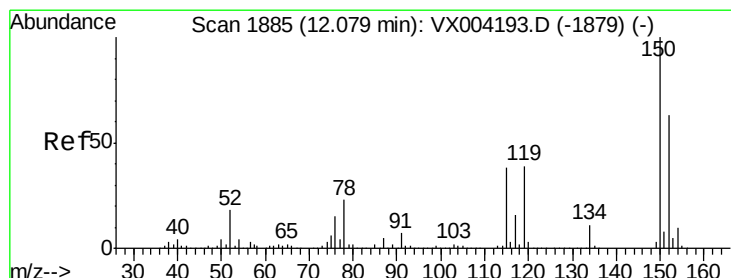
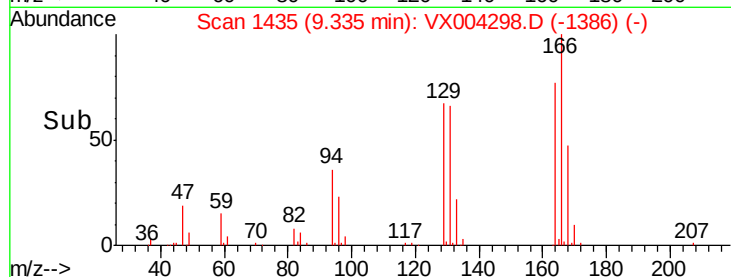
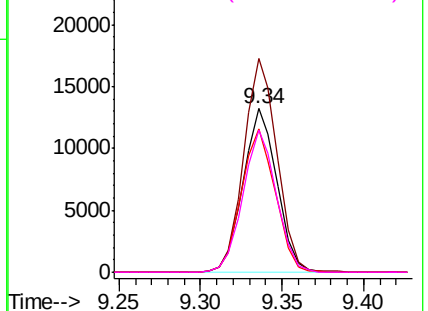


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX004298.D

Acq: 29 Aug 2018 17:37

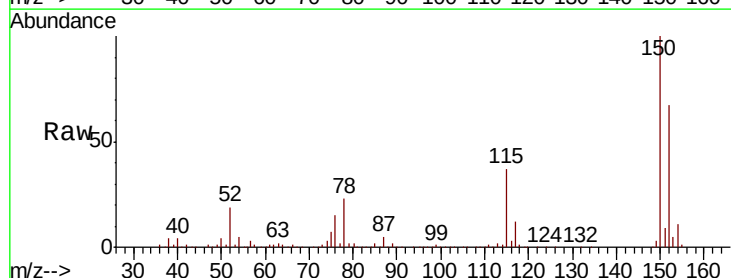
Tgt Ion:152 Resp: 199785

Ion Ratio Lower Upper

152 100

115 54.1 39.0 117.0

150 148.9 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

