

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004294.D
 Acq On : 29 Aug 2018 15:50
 Operator : JC/MD
 Sample : J4681-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW04S-M12W4-082318

Quant Time: Aug 30 07:22:26 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

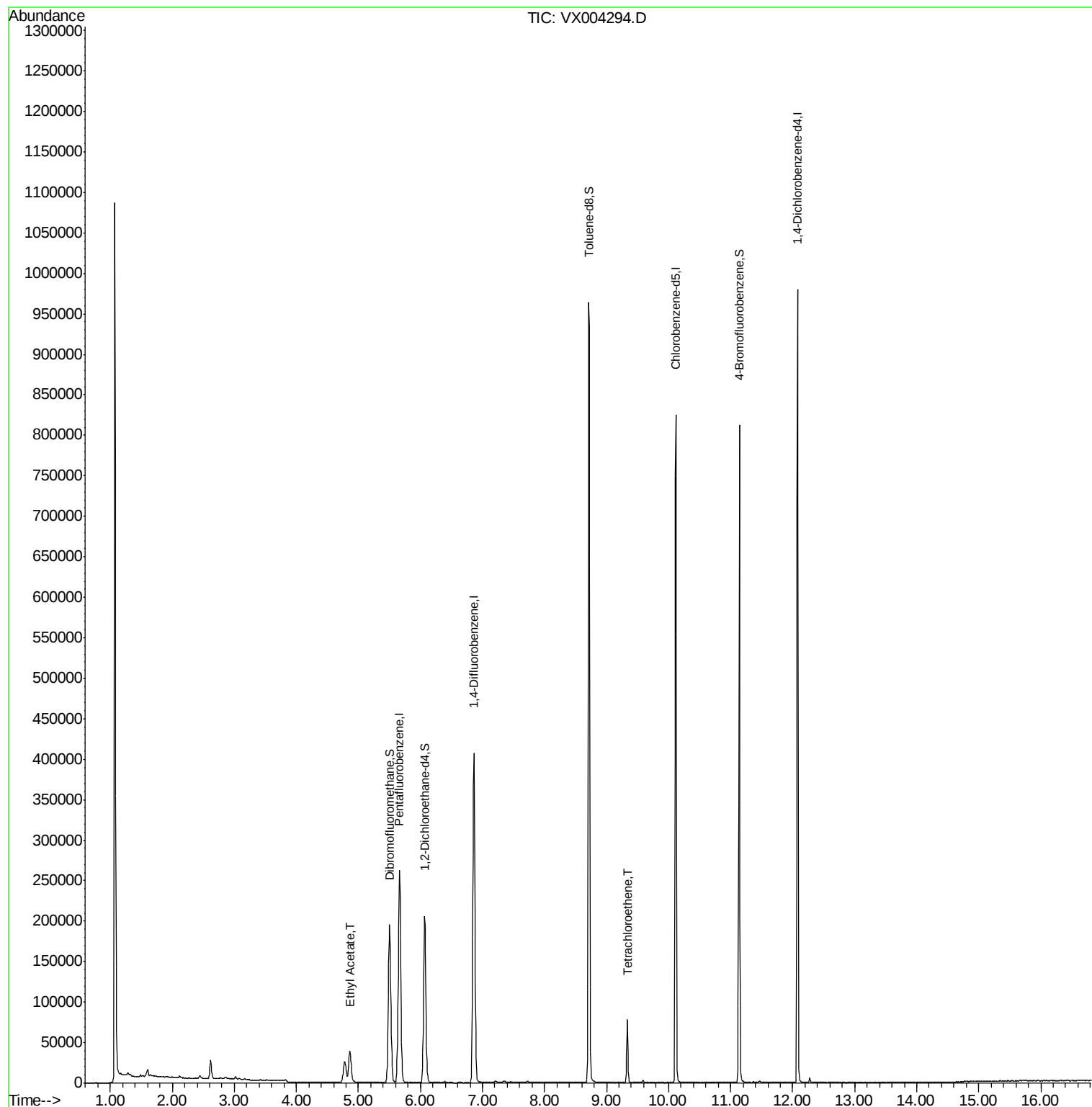
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187905	53.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.92%	
35) Dibromofluoromethane	5.50	113	166172	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
50) Toluene-d8	8.71	98	589496	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.14	95	203383	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
Target Compounds						
37) Ethyl Acetate	4.86	43	67117	14.58	ug/l	98
64) Tetrachloroethene	9.34	164	15990	4.18	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.00 min

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Acq: 29 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

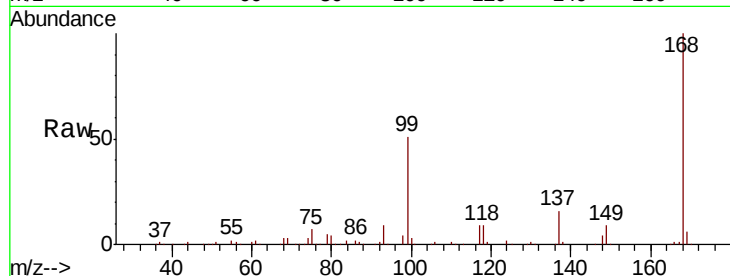
CPA-CPMW04S-M12W4-082318

Tot Ion:168 Resp: 267176

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

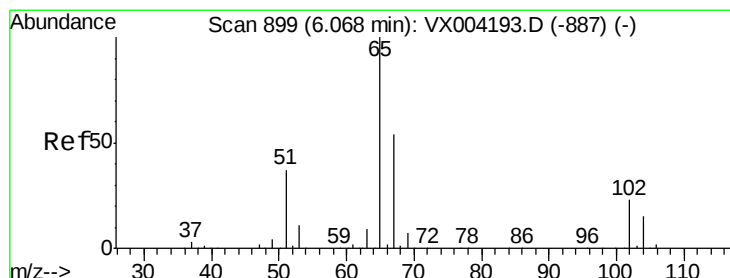
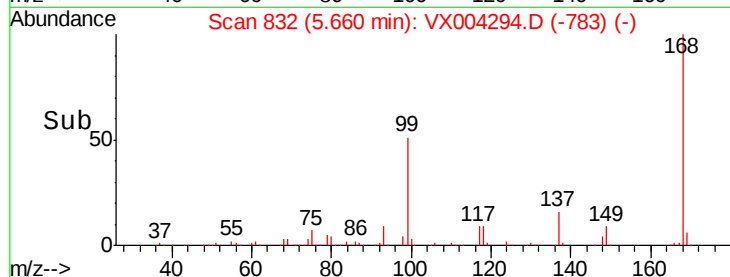
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.96 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004294.D

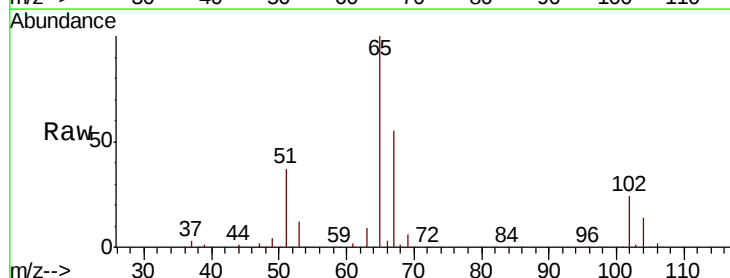
Acq: 29 Aug 2018 15:50

Tgt Ion: 65 Resp: 187905

Ion Ratio Lower Upper

65 100

67 52.9 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

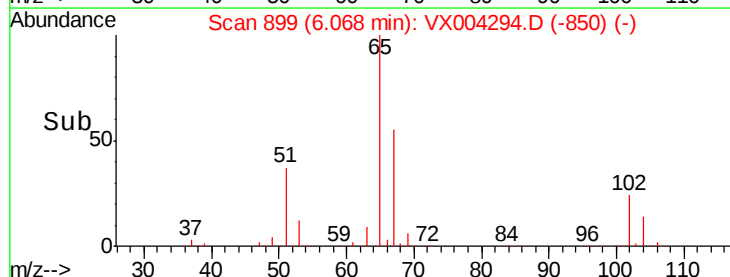
60000

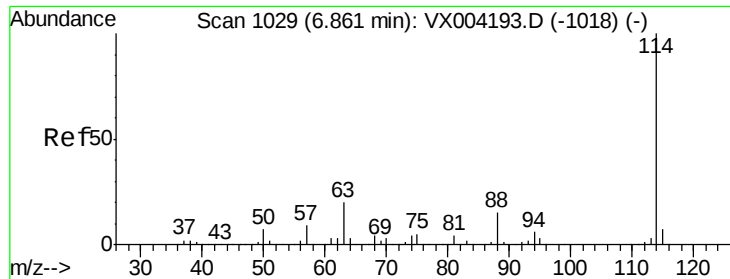
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX004294.D

Acq: 29 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW04S-M12W4-082318

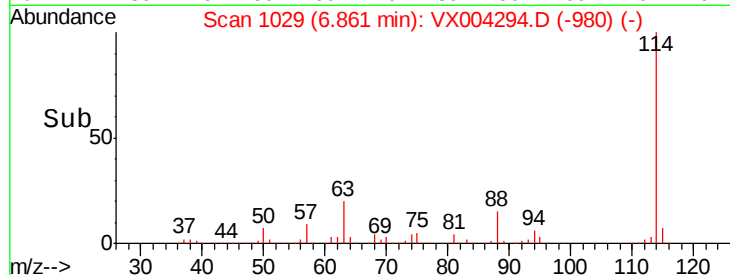
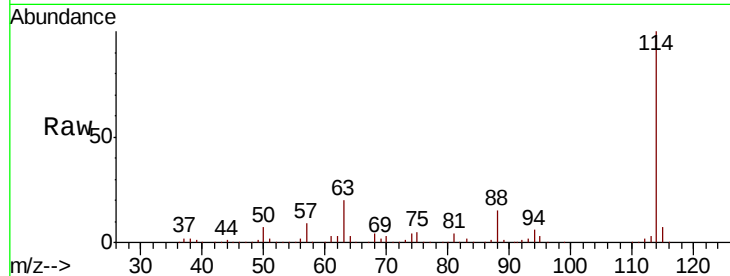
Tot Ion:114 Resp: 416408

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

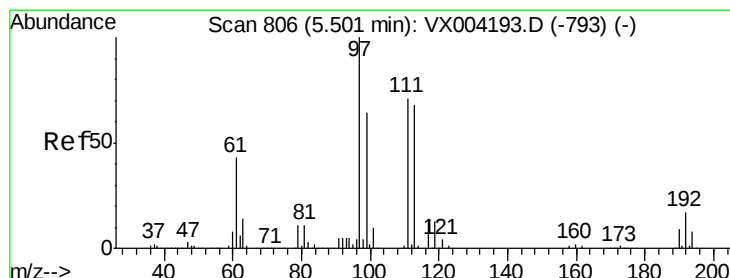
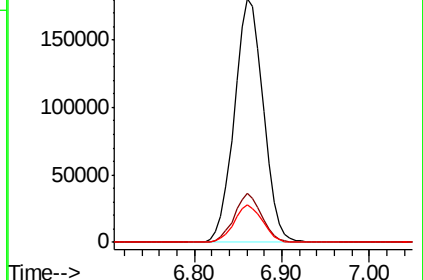
88 15.2 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 53.64 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004294.D

Acq: 29 Aug 2018 15:50

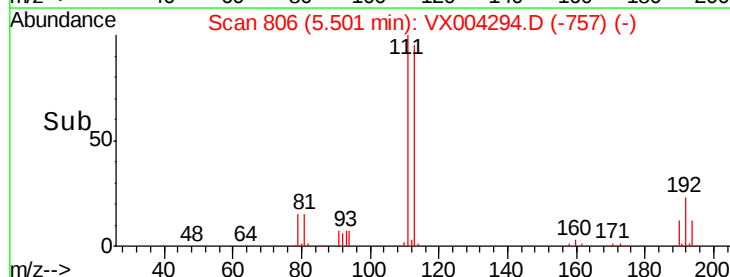
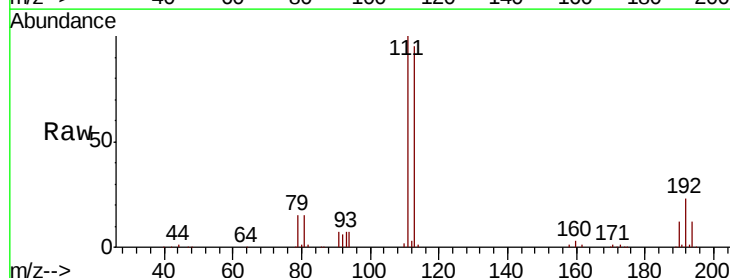
Tgt Ion:113 Resp: 166172

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

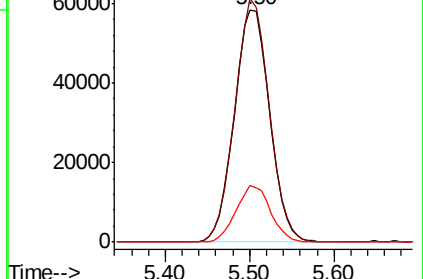
192 23.8 19.4 29.2

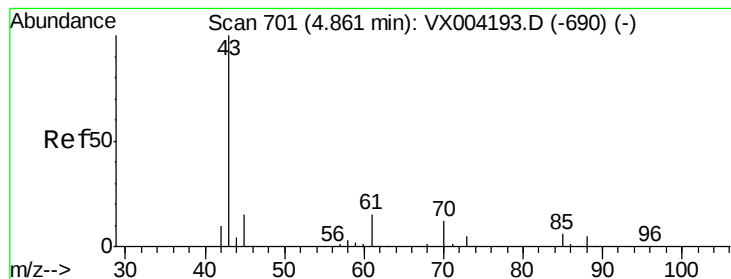


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#37

Ethyl Acetate

Concen: 14.58 ug/l

RT: 4.86 min Scan# 701

Delta R.T. 0.00 min

Lab File: VX004294.D

Acq: 29 Aug 2018 15:50

Instrument :

MSVOA_X

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CPA-CPMW04S-M12W4-082318

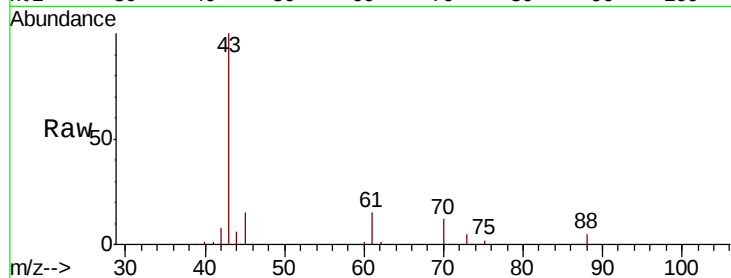
Tot Ion: 43 Resp: 67117

Ion Ratio Lower Upper

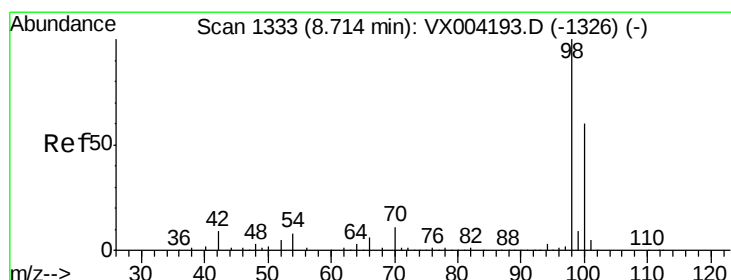
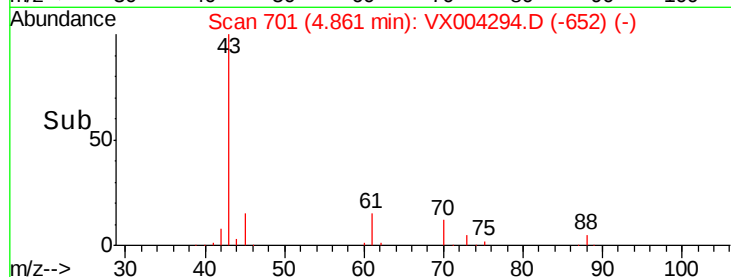
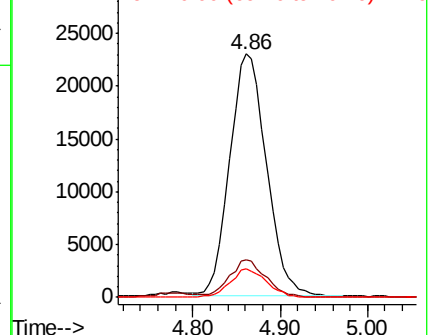
43 100

61 15.4 11.5 17.3

70 11.6 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: 50.41 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. 0.00 min

Lab File: VX004294.D

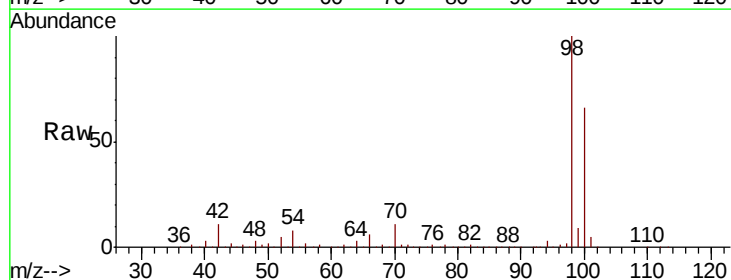
Acq: 29 Aug 2018 15:50

Tgt Ion: 98 Resp: 589496

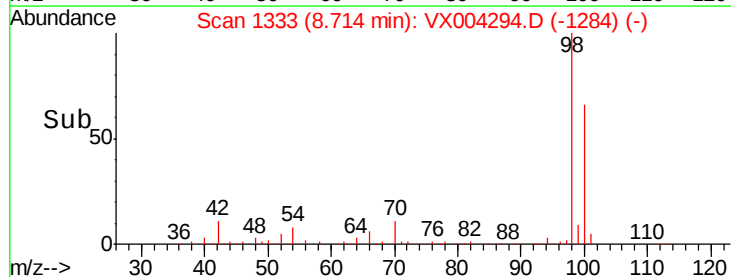
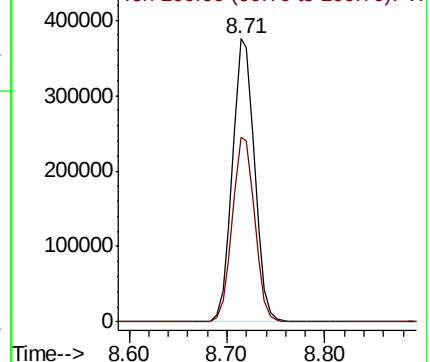
Ion Ratio Lower Upper

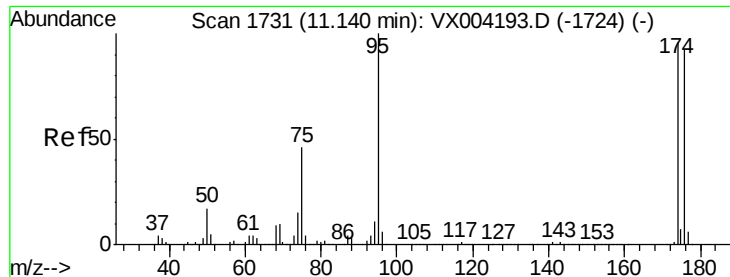
98 100

100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

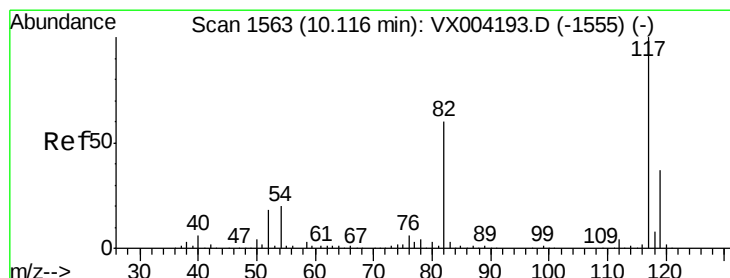
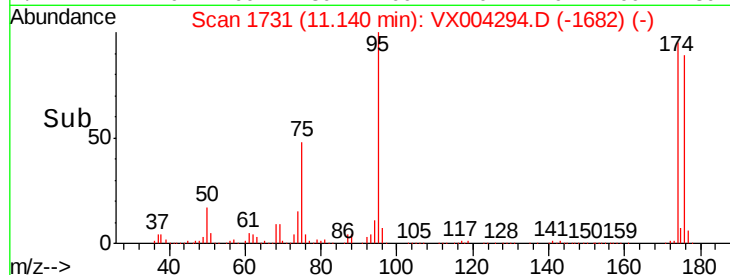
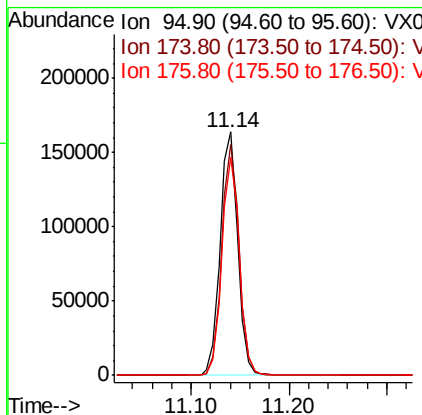
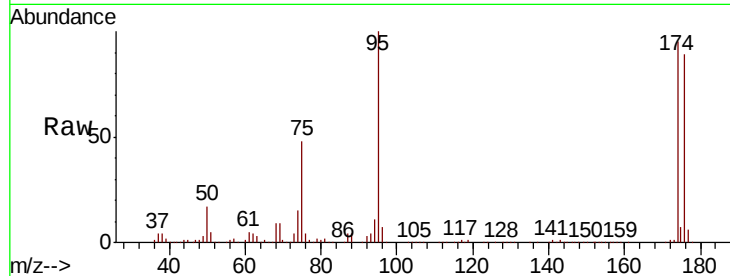




#62
 4-Bromofluorobenzene
 Concen: 46.62 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX004294.D
 Acq: 29 Aug 2018 15:50

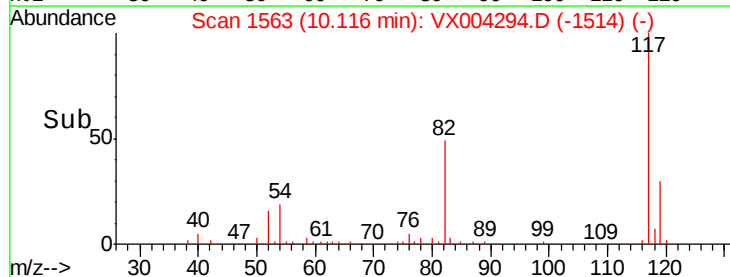
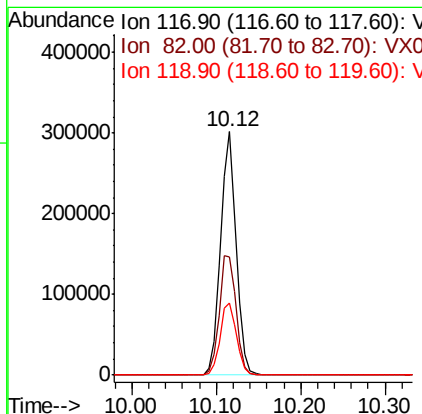
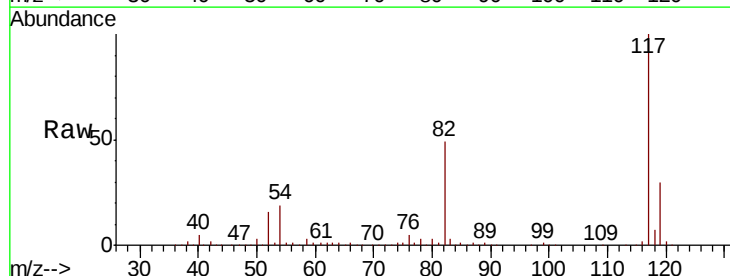
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW04S-M12W4-082318

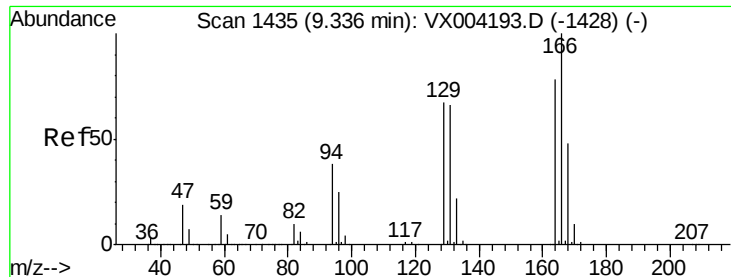
Tot Ion: 95 Resp: 203383
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 185.2
 176 89.3 0.0 178.6



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX004294.D
 Acq: 29 Aug 2018 15:50

Tgt Ion: 117 Resp: 387214
 Ion Ratio Lower Upper
 117 100
 82 48.8 47.8 71.6
 119 29.7 29.3 43.9





#64

Tetrachloroethene

Concen: 4.18 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX004294.D

Acq: 29 Aug 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW04S-M12W4-082318

Tot Ion:164 Resp: 15990

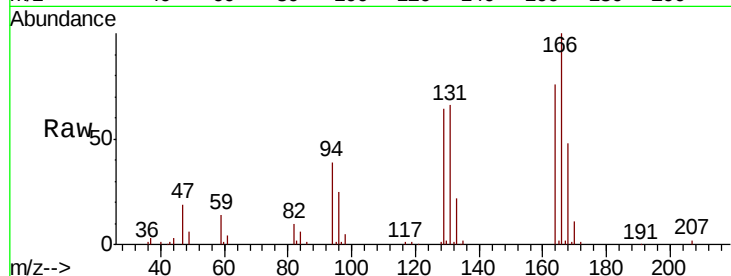
Ion Ratio Lower Upper

164 100

166 131.0 102.8 154.2

129 84.3 69.4 104.0

131 85.9 67.9 101.9

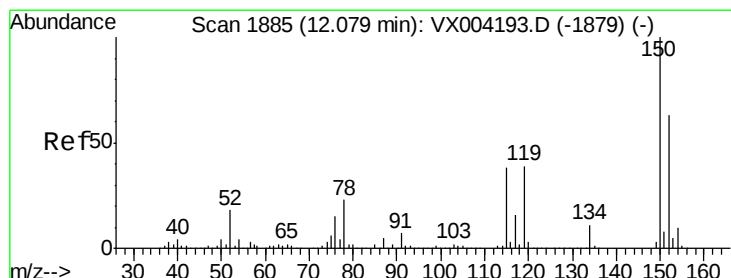
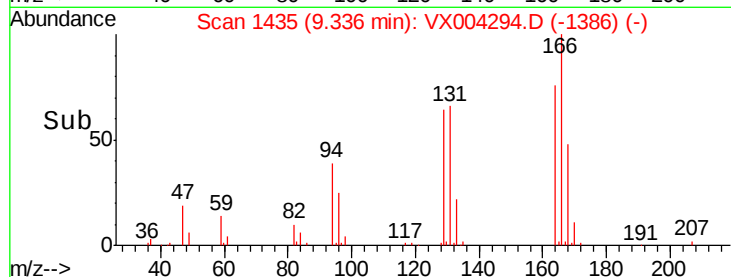
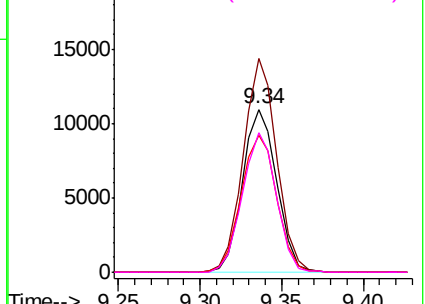


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX004294.D

Acq: 29 Aug 2018 15:50

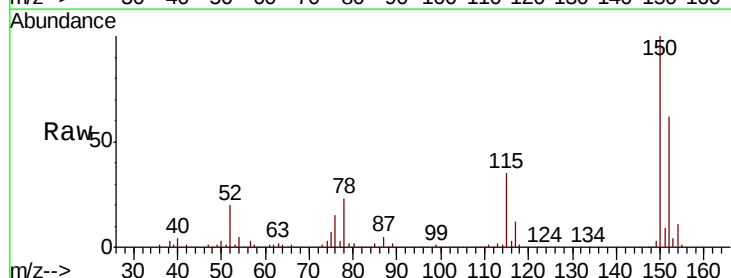
Tgt Ion:152 Resp: 194121

Ion Ratio Lower Upper

152 100

115 56.3 39.0 117.0

150 164.5 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

