

Data File : VX004312.D
Acq On : 30 Aug 2018 00:44
Operator : JC/MD
Sample : J4681-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW05S-M12W4-082318

Quant Time: Sep 04 01:36:22 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

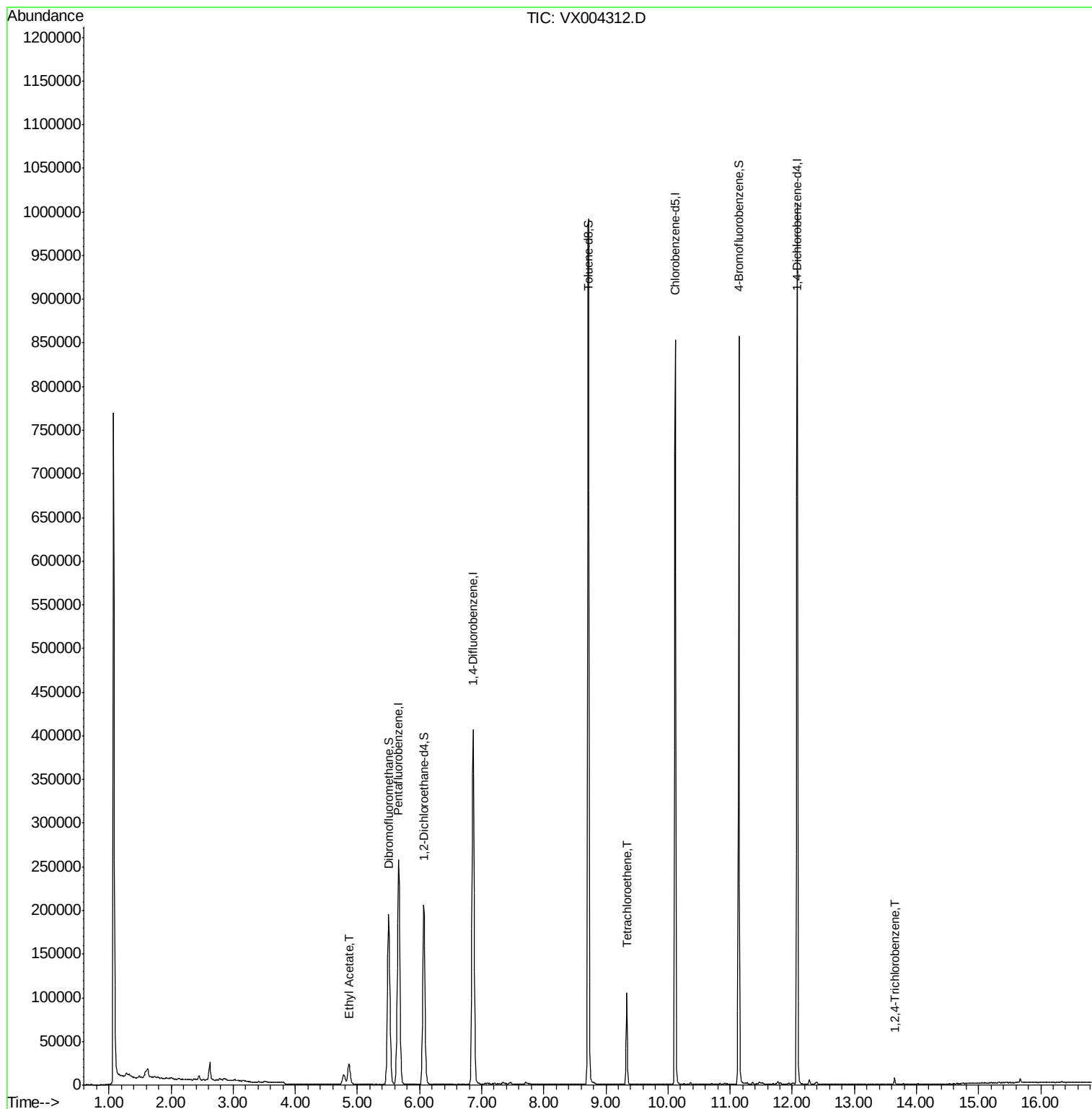
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	263612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208762	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188820	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
35) Dibromofluoromethane	5.50	113	166163	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	8.72	98	600669	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.14	95	209569	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
37) Ethyl Acetate	4.86	43	41117	8.944	ug/l	99
64) Tetrachloroethene	9.34	164	21219	5.524	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	2087	0.433	ug/l	92

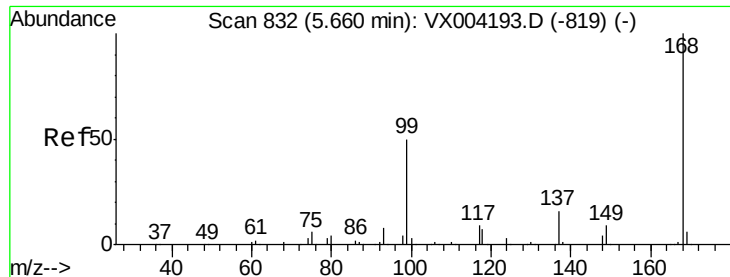
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

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Acq: 30 Aug 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

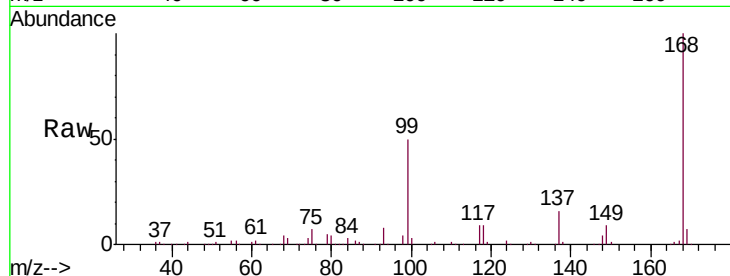
CPA-CPMW05S-M12W4-082318

Tgt Ion:168 Resp: 263612

Ion Ratio Lower Upper

168 100

99 50.5 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

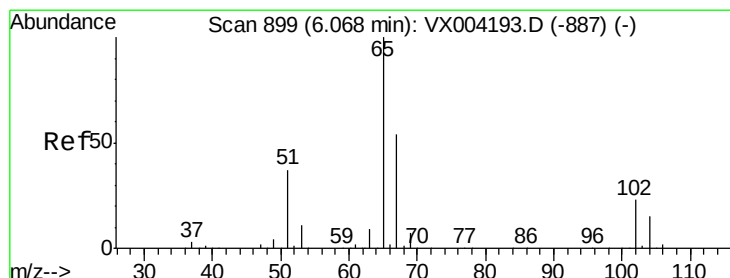
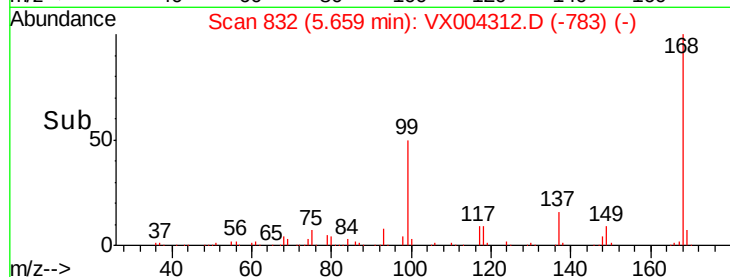
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.956 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004312.D

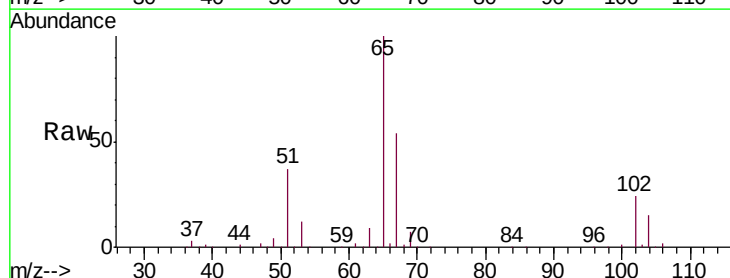
Acq: 30 Aug 2018 00:44

Tgt Ion: 65 Resp: 188820

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

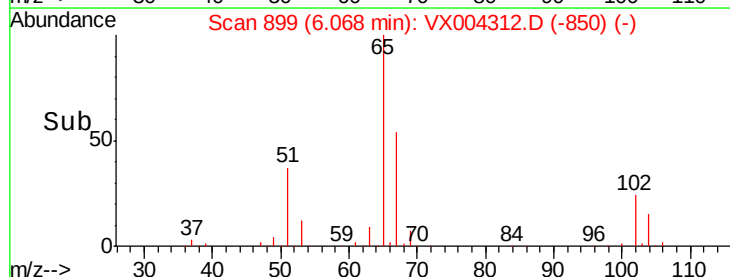
60000

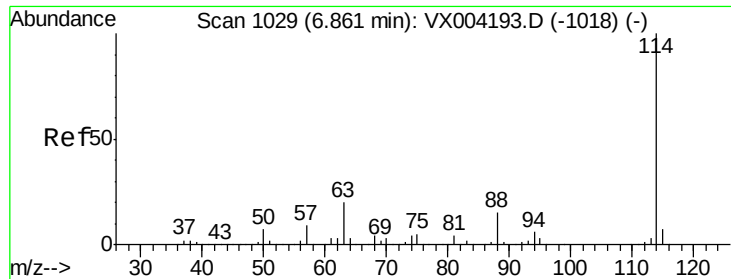
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

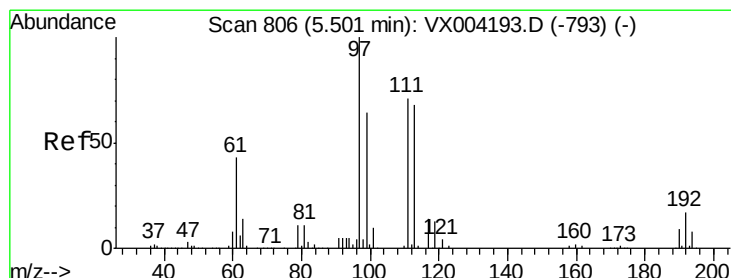
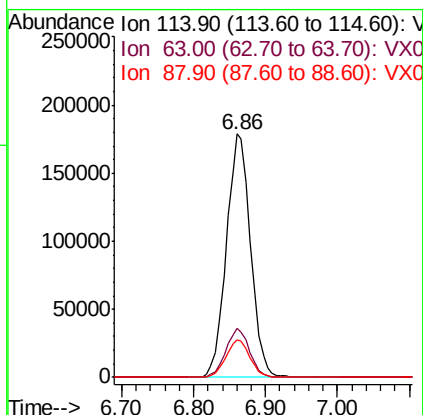
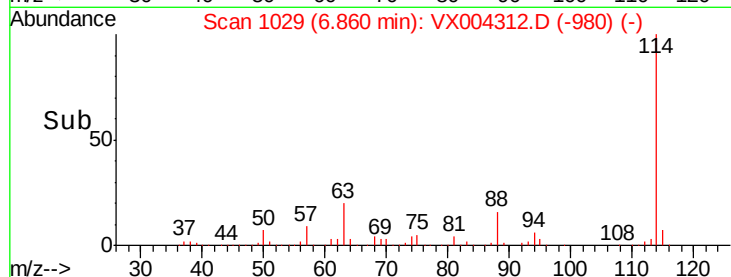
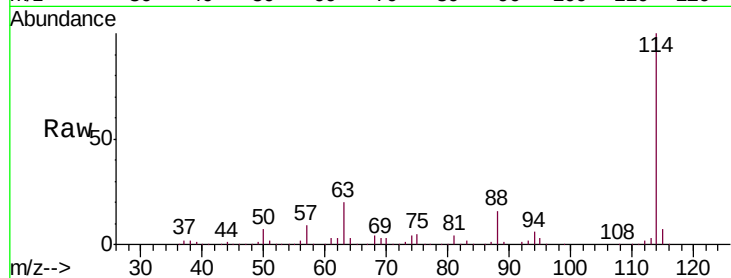




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004312.D
 Acq: 30 Aug 2018 00:44

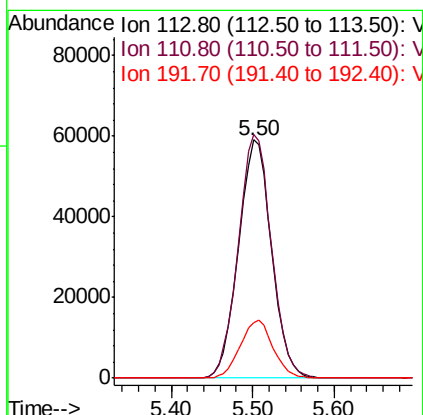
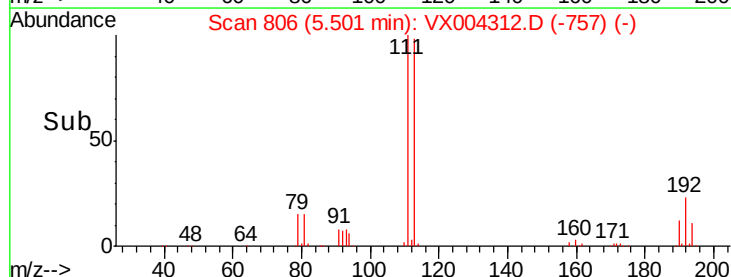
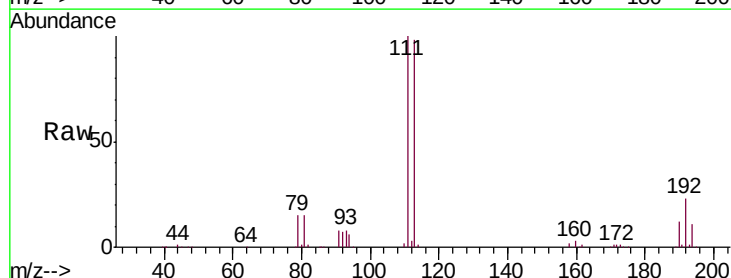
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082318

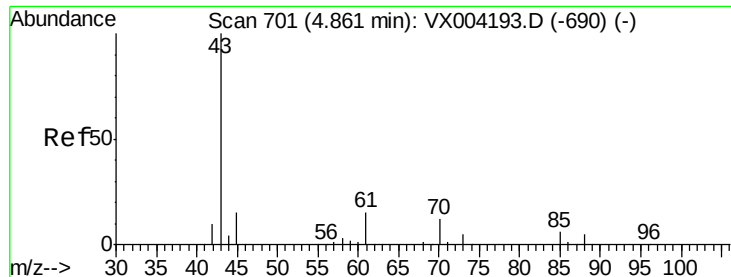
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.5	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 53.722 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004312.D
 Acq: 30 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	24.1	19.4	29.2





#37

Ethyl Acetate

Concen: 8.944 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004312.D

Acq: 30 Aug 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082318

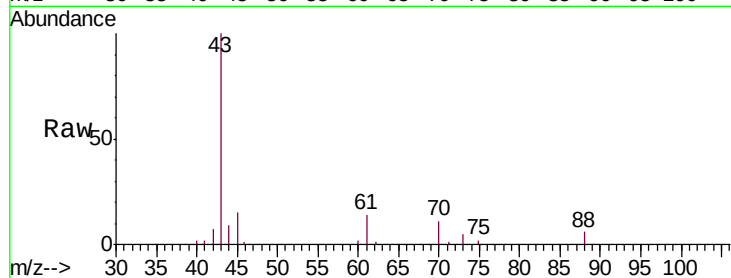
Tgt Ion: 43 Resp: 41117

Ion Ratio Lower Upper

43 100

61 14.8 11.5 17.3

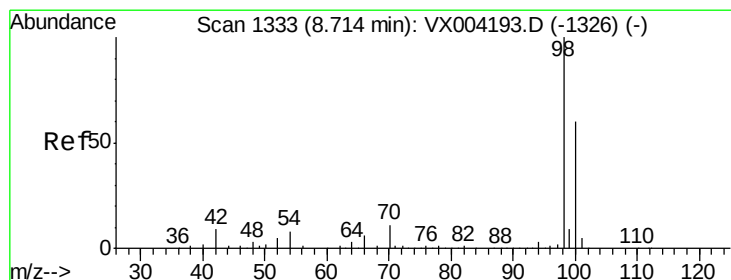
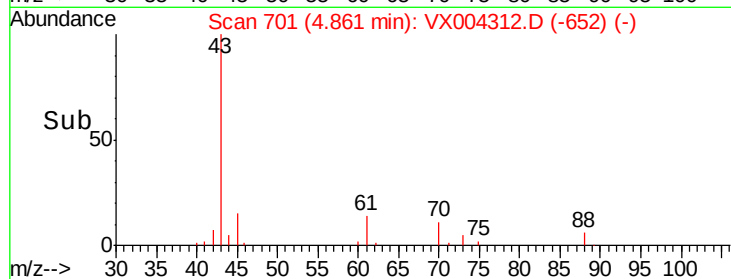
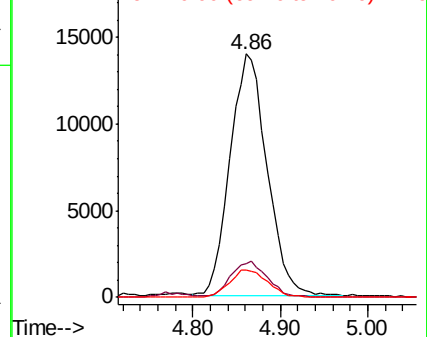
70 11.7 9.0 13.6



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: 51.449 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VX004312.D

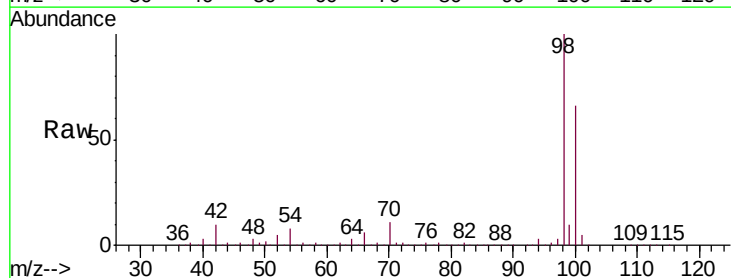
Acq: 30 Aug 2018 00:44

Tgt Ion: 98 Resp: 600669

Ion Ratio Lower Upper

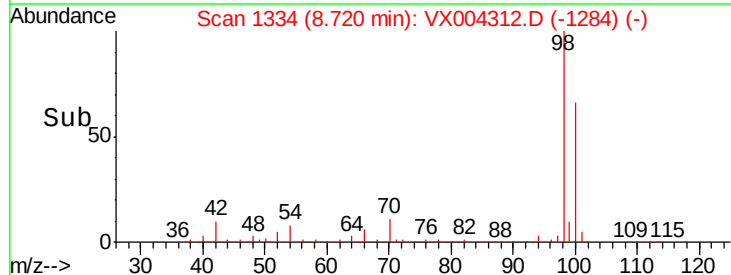
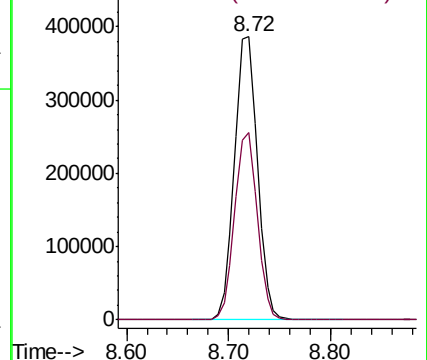
98 100

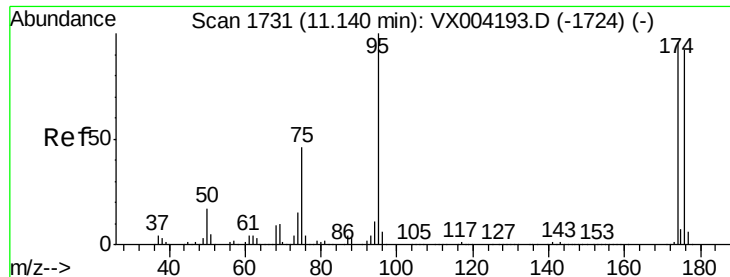
100 65.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

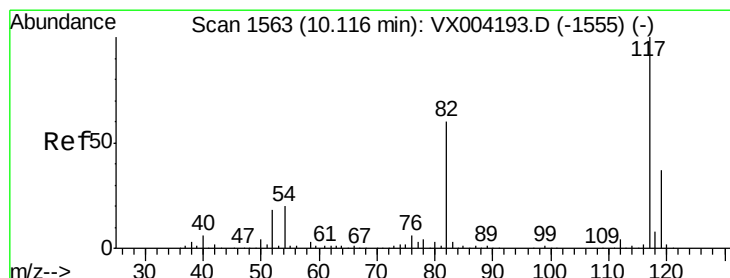
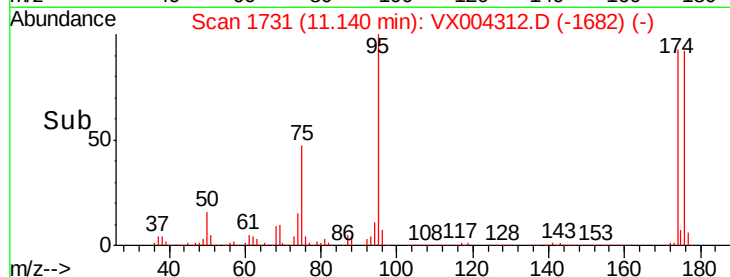
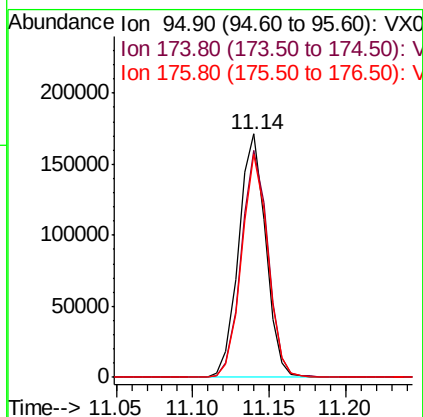
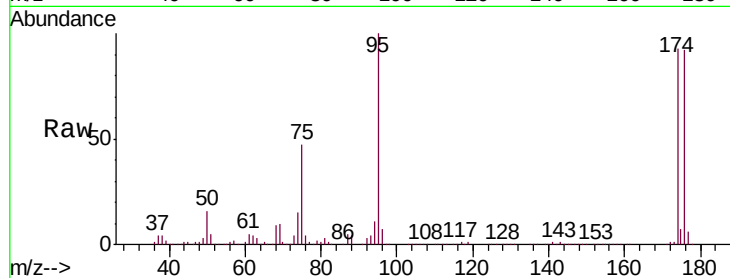




#62
 4-Bromofluorobenzene
 Concen: 48.107 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004312.D
 Acq: 30 Aug 2018 00:44

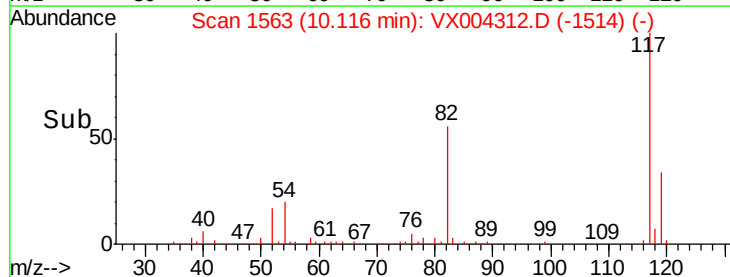
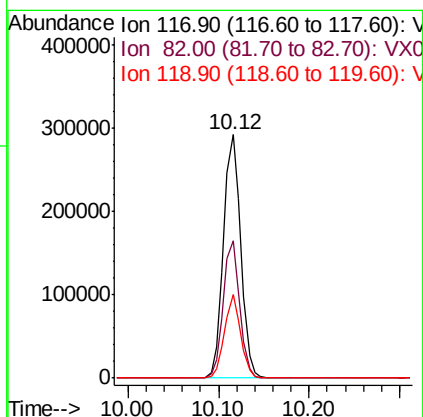
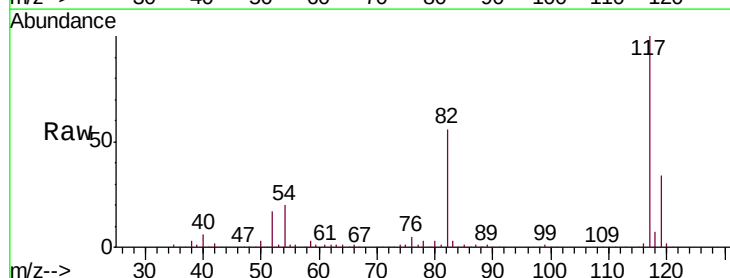
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082318

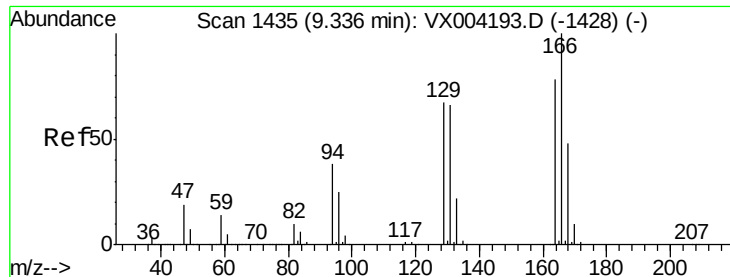
Tgt Ion: 95 Resp: 209569
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 185.2
 176 89.6 0.0 178.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004312.D
 Acq: 30 Aug 2018 00:44

Tgt Ion: 117 Resp: 388873
 Ion Ratio Lower Upper
 117 100
 82 56.3 47.8 71.6
 119 34.2 29.3 43.9





#64

Tetrachloroethene

Concen: 5.524 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004312.D

Acq: 30 Aug 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW05S-M12W4-082318

Tgt Ion:164 Resp: 21219

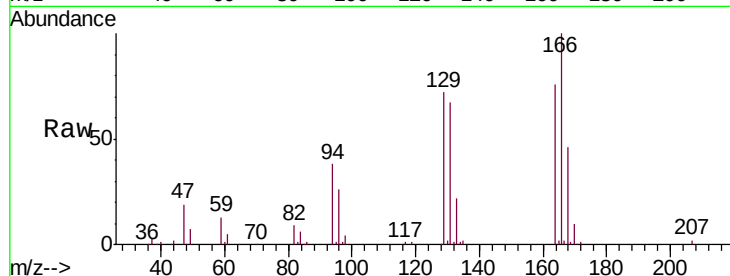
Ion Ratio Lower Upper

164 100

166 131.4 102.8 154.2

129 94.6 69.4 104.0

131 87.5 67.9 101.9



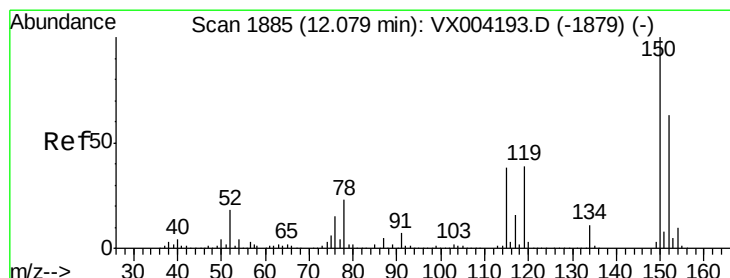
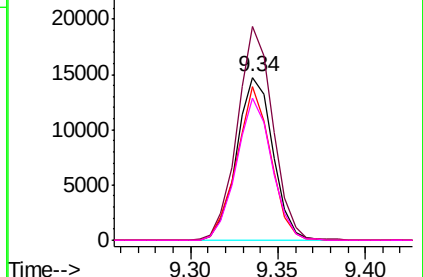
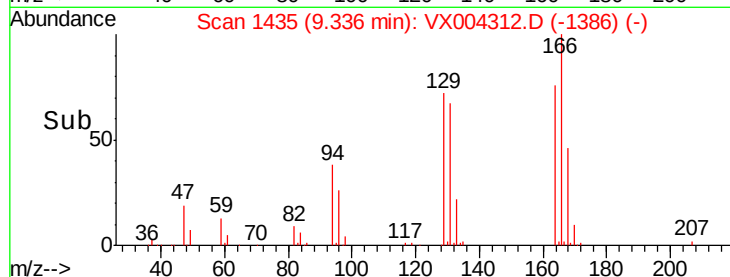
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004312.D

Acq: 30 Aug 2018 00:44

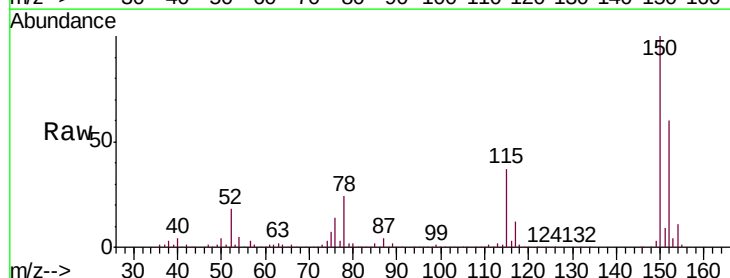
Tgt Ion:152 Resp: 208762

Ion Ratio Lower Upper

152 100

115 56.9 39.0 117.0

150 157.4 0.0 351.0

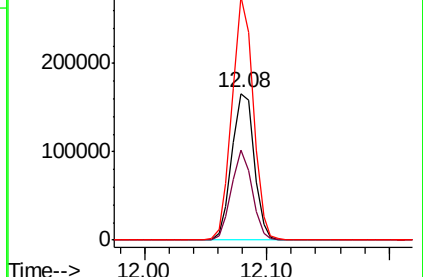
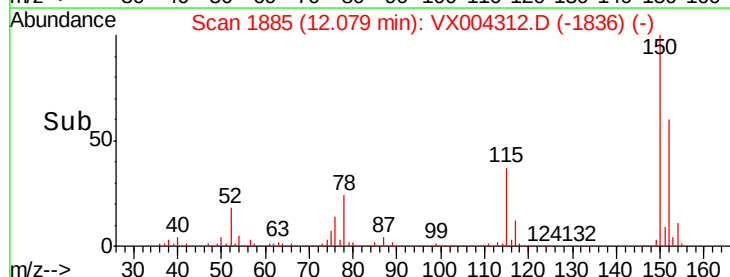


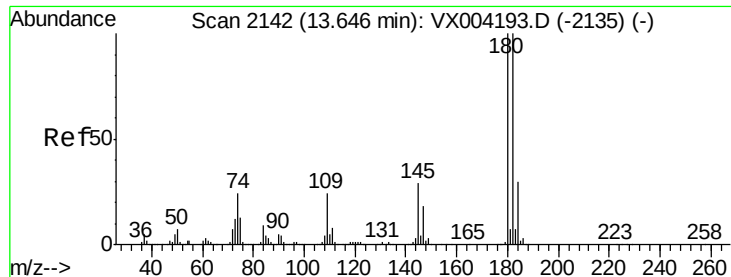
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->





#93
 1,2,4-Trichlorobenzene
 Concen: 0.433 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004312.D
 Acq: 30 Aug 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW05S-M12W4-082318

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.1	48.4	145.0
145	24.3	14.3	42.9

