

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006349.D
 Acq On : 07 Dec 2018 16:05
 Operator : JC/MD
 Sample : J6252-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-AMW-4-M16W4-11-28-18-D

Quant Time: Dec 10 10:01:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

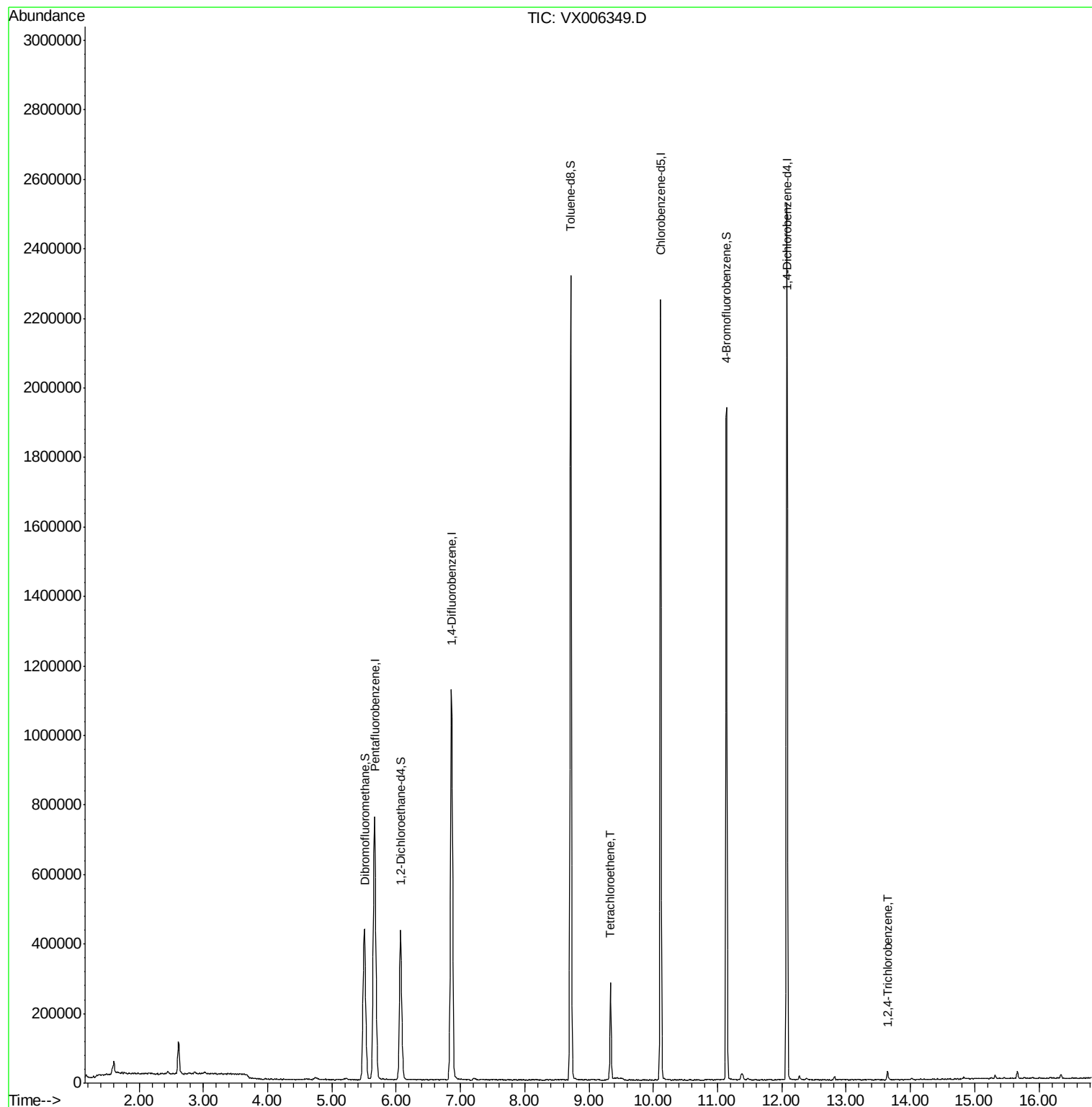
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	792389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1223943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1103046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	530901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	402396	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	5.50	113	379332	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	1422044	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	526617	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
Target Compounds						
64) Tetrachloroethene	9.34	164	52623	6.335	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	6113	0.466	ug/l	90

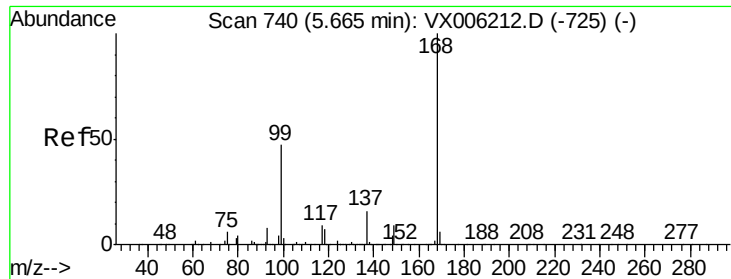
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

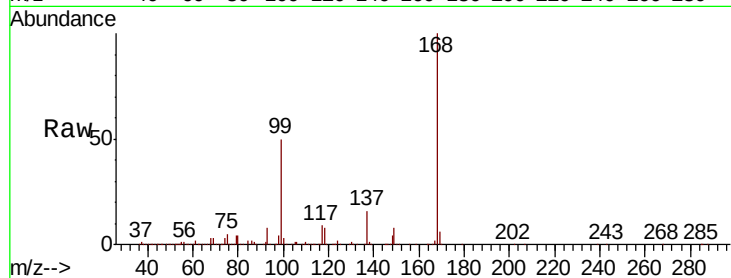
CPA-AMW-4-M16W4-11-28-18-D

Tot Ion:168 Resp: 792389

Ion Ratio Lower Upper

168 100

99 50.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

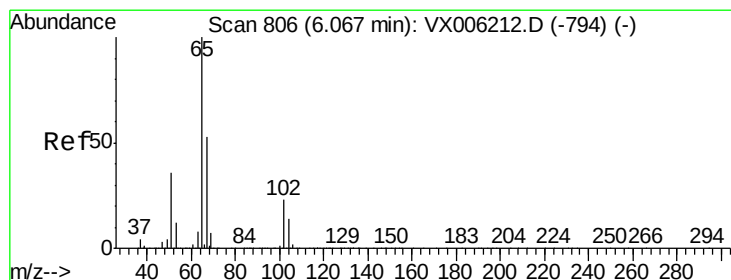
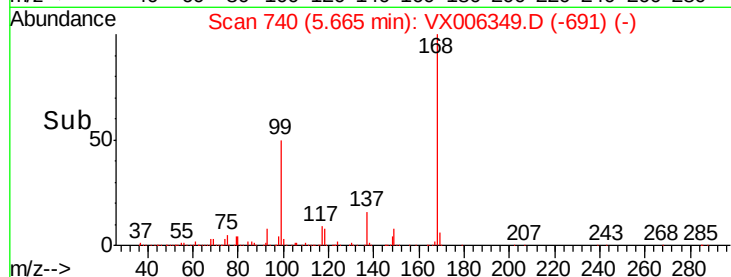
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.746 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006349.D

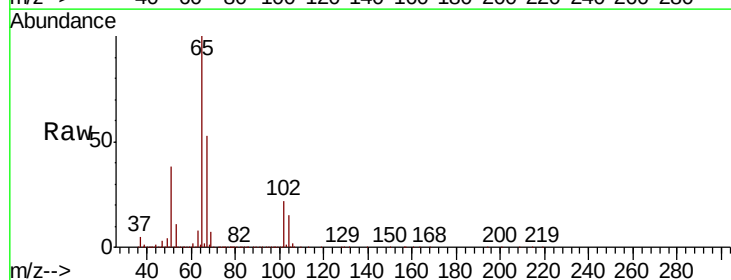
Acq: 07 Dec 2018 16:05

Tgt Ion: 65 Resp: 402396

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

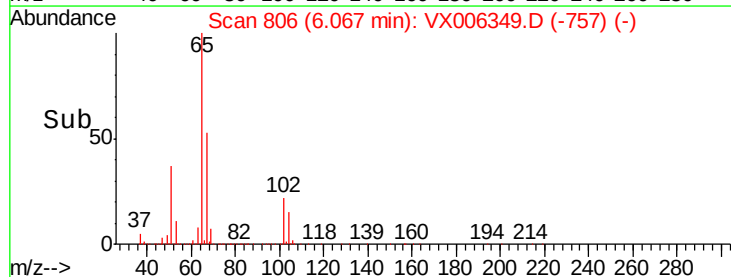
100000

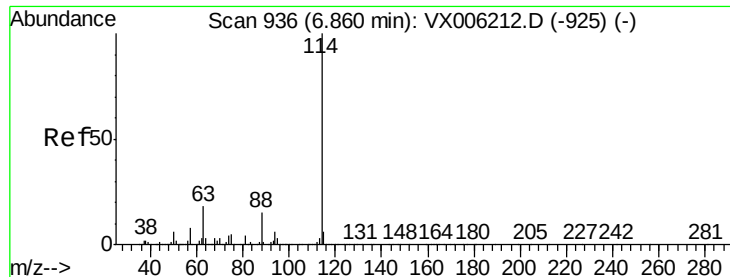
50000

0

Time-->

5.90 6.00 6.10 6.20

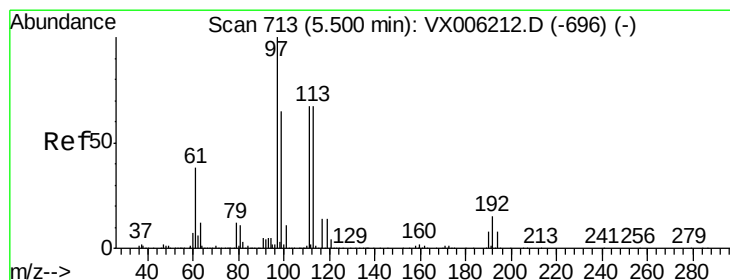
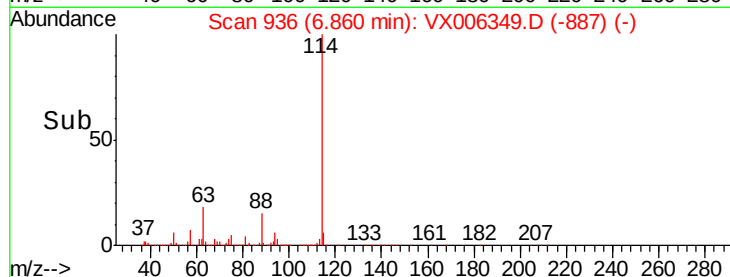
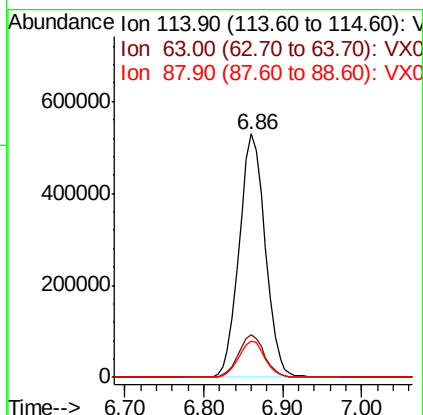
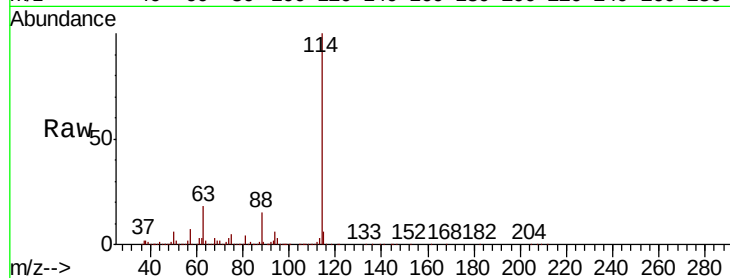




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006349.D
 Acq: 07 Dec 2018 16:05

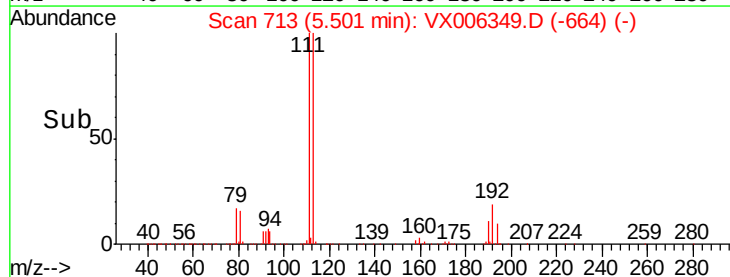
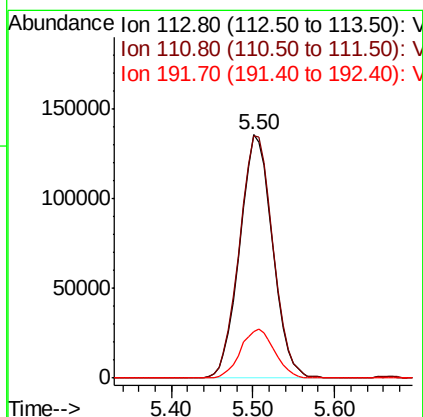
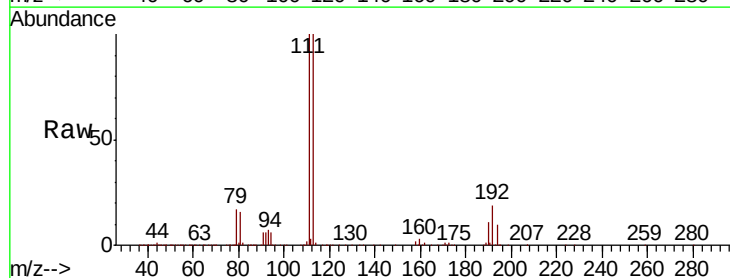
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-AMW-4-M16W4-11-28-18-D

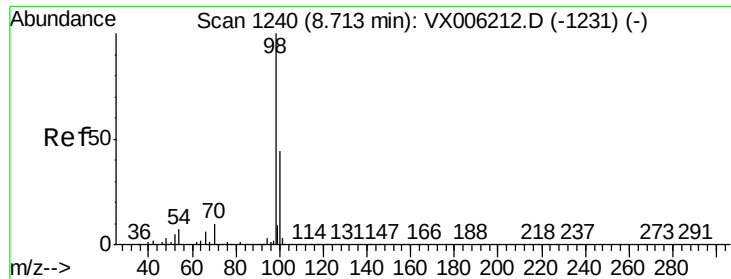
Tot Ion:114 Resp: 1223943
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 14.6 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 47.868 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006349.D
 Acq: 07 Dec 2018 16:05

Tgt Ion:113 Resp: 379332
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 20.9 18.2 27.2





#50

Toluene-d8

Concen: 49.334 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

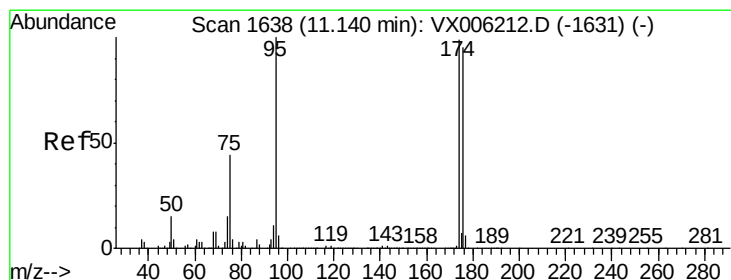
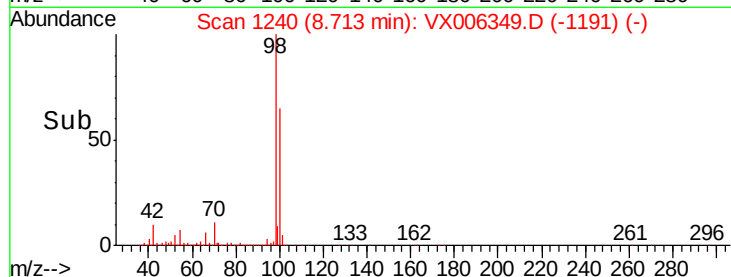
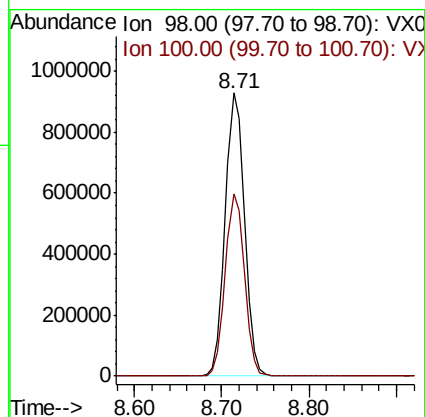
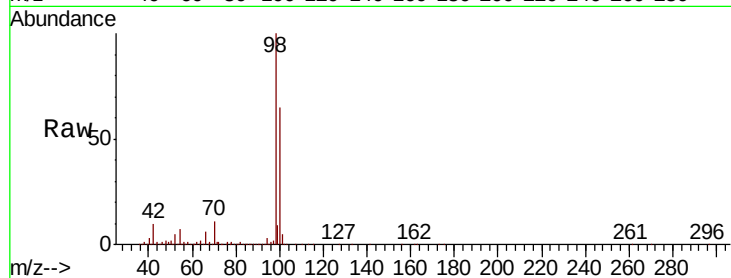
CPA-AMW-4-M16W4-11-28-18-D

Tot Ion: 98 Resp: 1422044

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.482 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

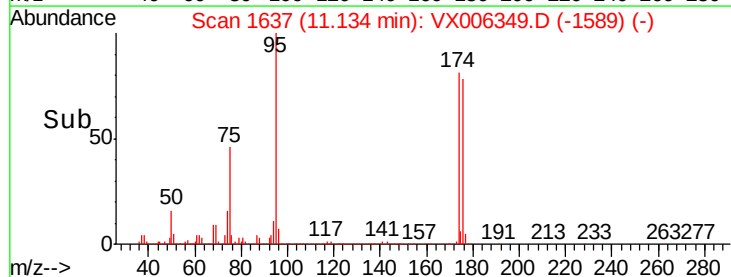
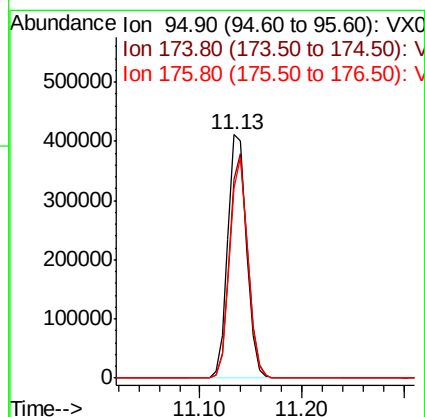
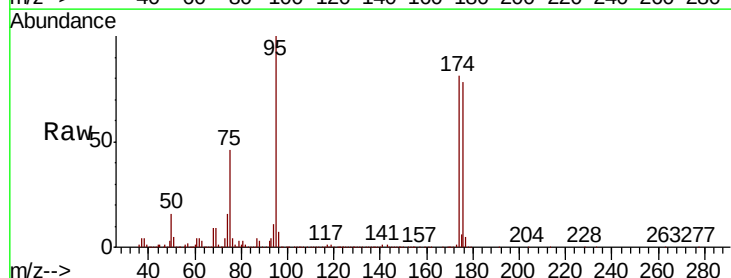
Tgt Ion: 95 Resp: 526617

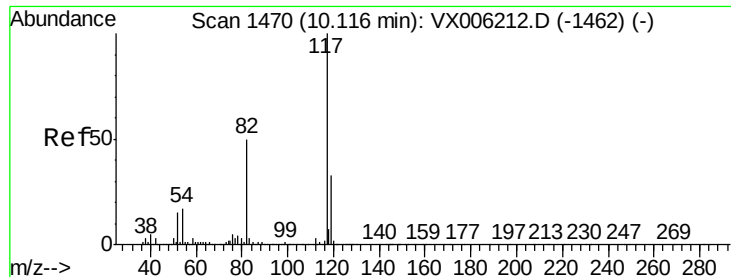
Ion Ratio Lower Upper

95 100

174 88.7 0.0 187.0

176 86.6 0.0 181.8

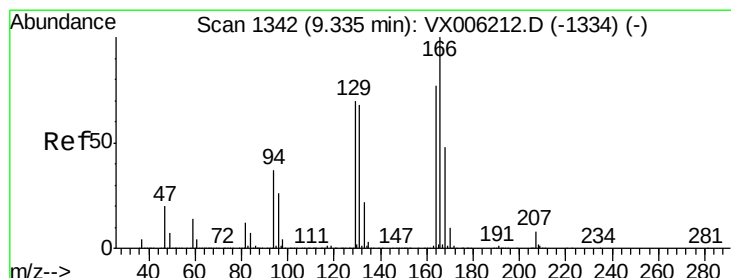
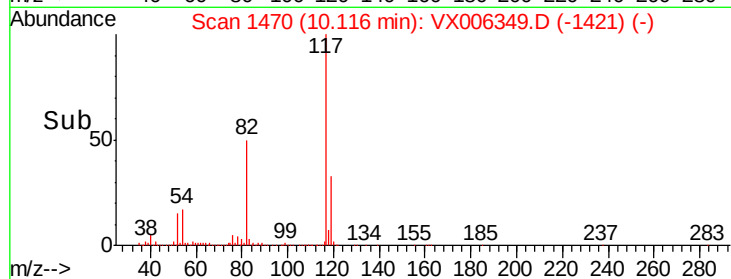
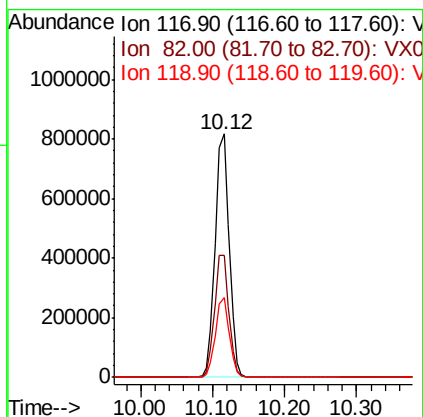
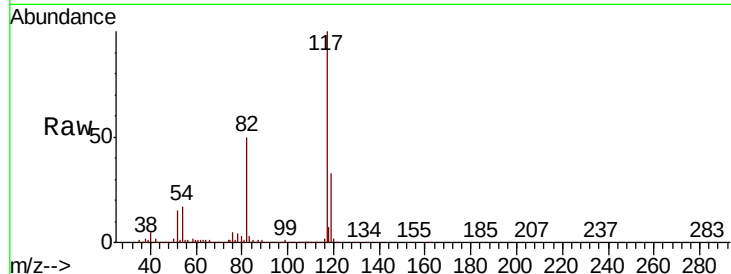




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

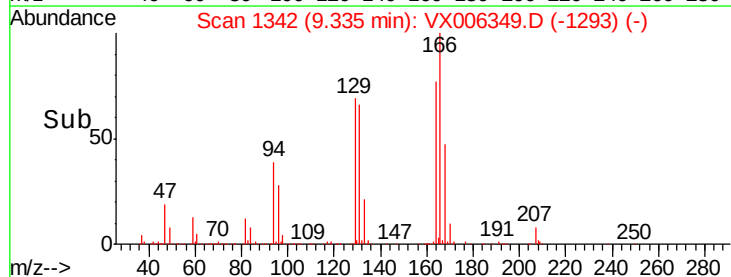
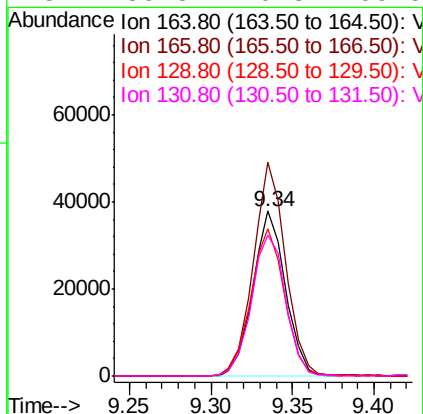
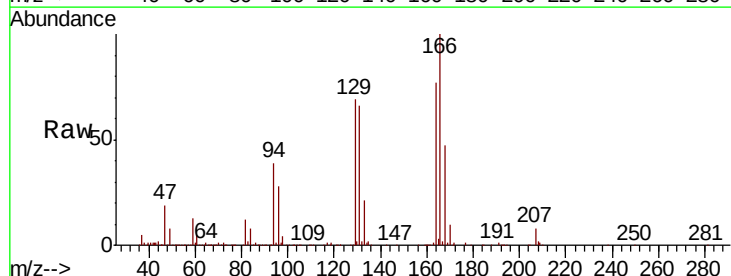
Instrument :
MSVOA_X
ClientSampleId :
CPA-AMW-4-M16W4-11-28-18-D

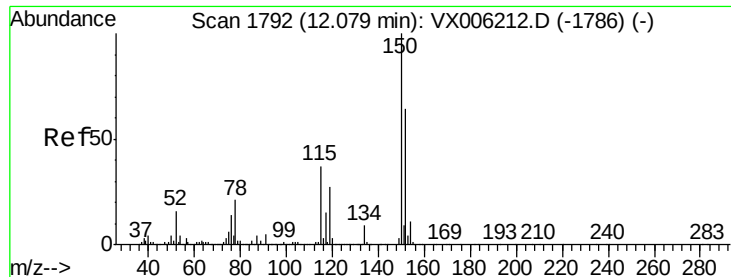
Tot Ion:117 Resp: 1103046
Ion Ratio Lower Upper
117 100
82 49.9 39.6 59.4
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 6.335 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006349.D
Acq: 07 Dec 2018 16:05

Tgt Ion:164 Resp: 52623
Ion Ratio Lower Upper
164 100
166 129.7 104.2 156.2
129 88.8 72.6 108.8
131 85.3 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

CPA-AMW-4-M16W4-11-28-18-D

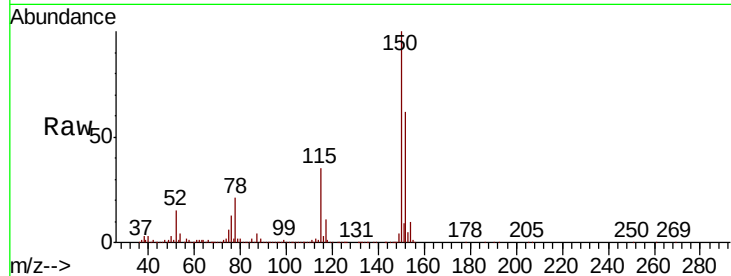
Tot Ion:152 Resp: 530901

Ion Ratio Lower Upper

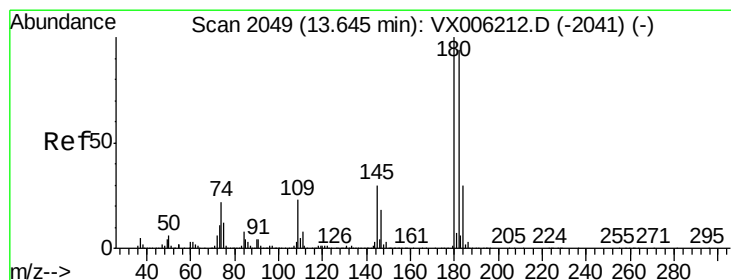
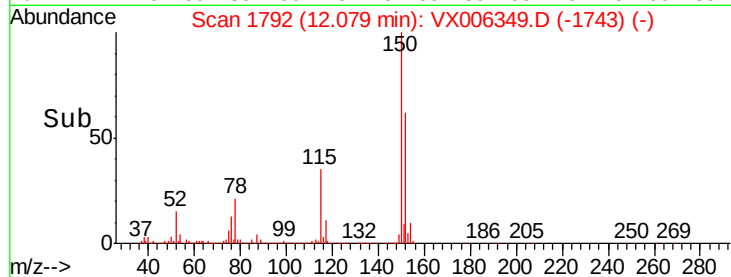
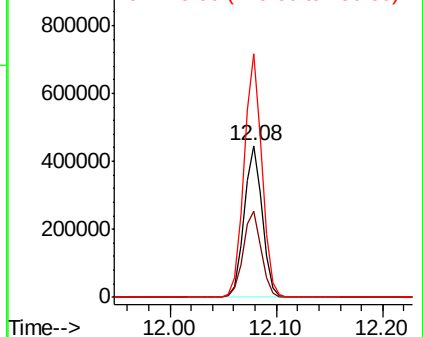
152 100

115 56.8 39.0 116.9

150 158.6 0.0 345.8



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



#93

1,2,4-Trichlorobenzene

Concen: 0.466 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006349.D

Acq: 07 Dec 2018 16:05

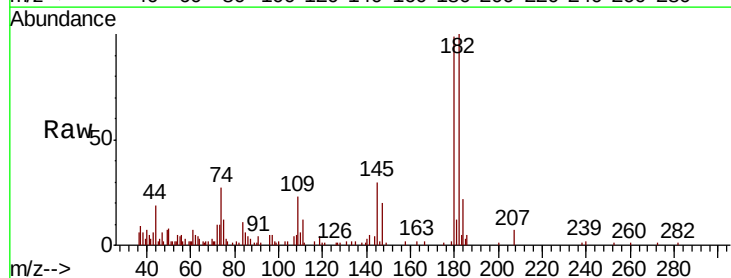
Tgt Ion:180 Resp: 6113

Ion Ratio Lower Upper

180 100

182 103.7 47.3 141.9

145 36.7 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

