

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006348.D
 Acq On : 07 Dec 2018 15:38
 Operator : JC/MD
 Sample : J6252-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 08 01:10:25 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

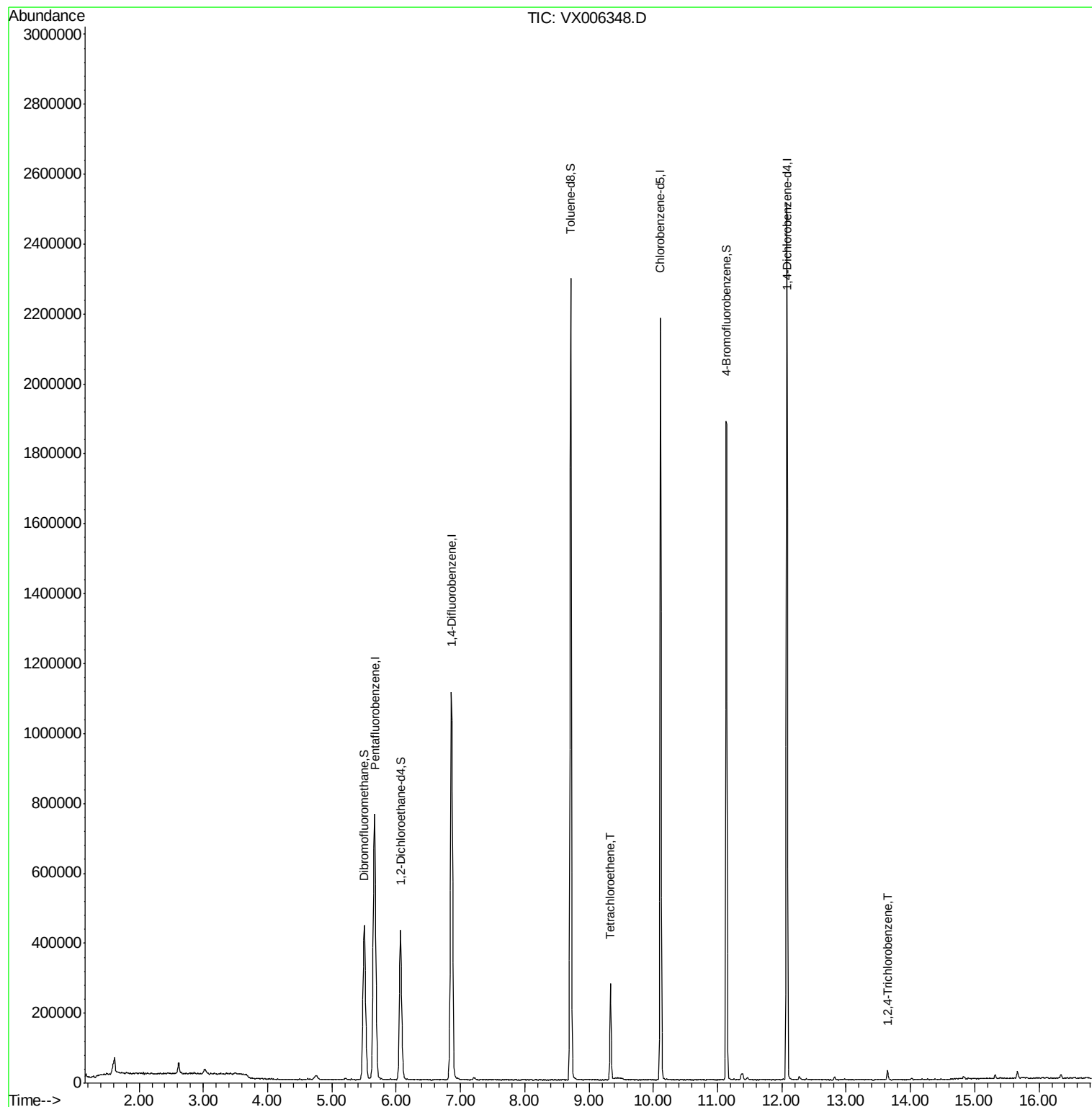
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	799897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1225008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1095160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	531269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	397507	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	5.51	113	380522	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	1413857	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	521556	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
64) Tetrachloroethene	9.34	164	53448	6.480	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	6239	0.476	ug/l	97

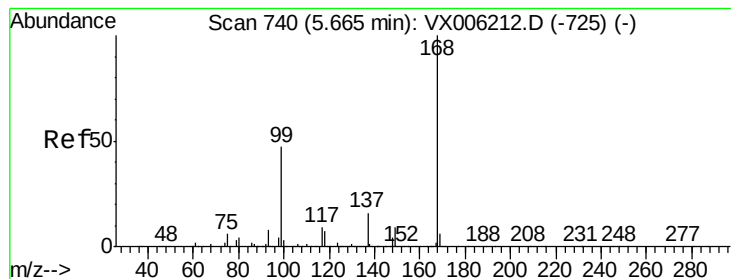
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

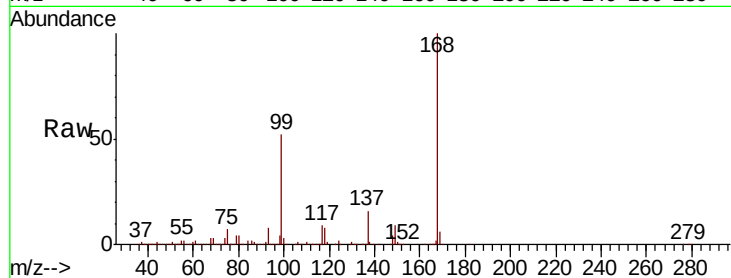
CPA-AMW-4-M16W4-11-28-18

Tot Ion:168 Resp: 799897

Ion Ratio Lower Upper

168 100

99 51.9 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

250000

200000

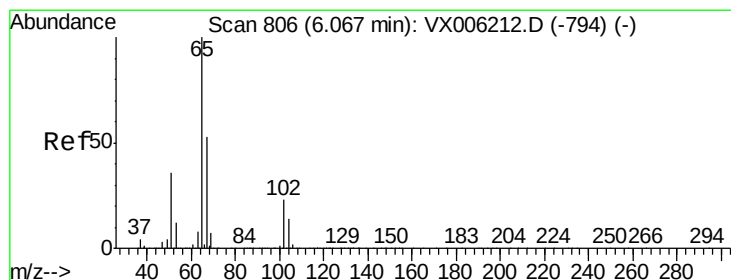
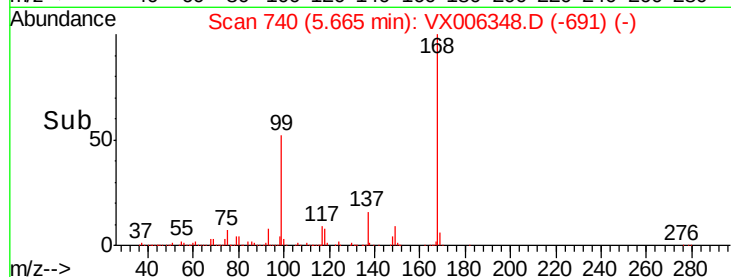
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.680 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006348.D

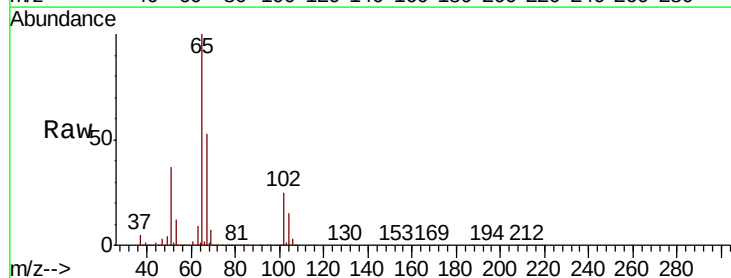
Acq: 07 Dec 2018 15:38

Tgt Ion: 65 Resp: 397507

Ion Ratio Lower Upper

65 100

67 52.7 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

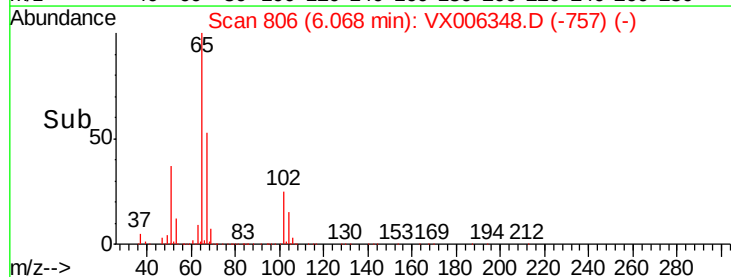
150000

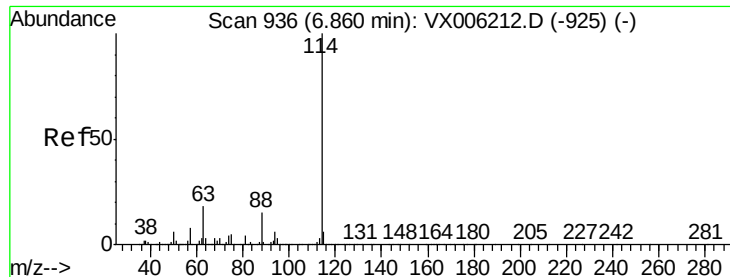
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

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

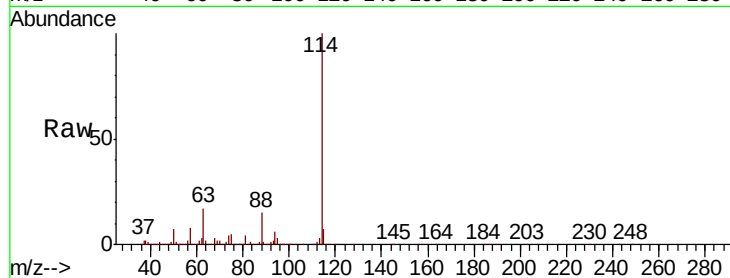
Tot Ion:114 Resp: 1225008

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

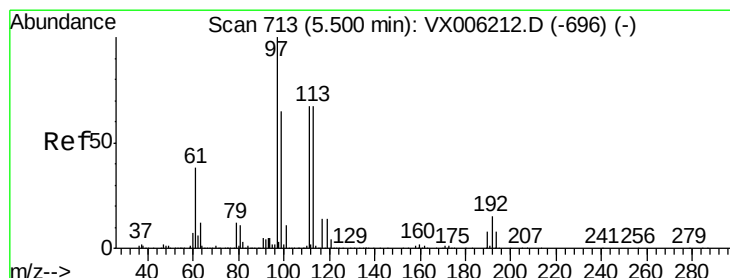
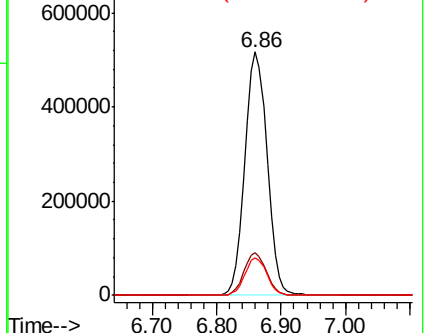
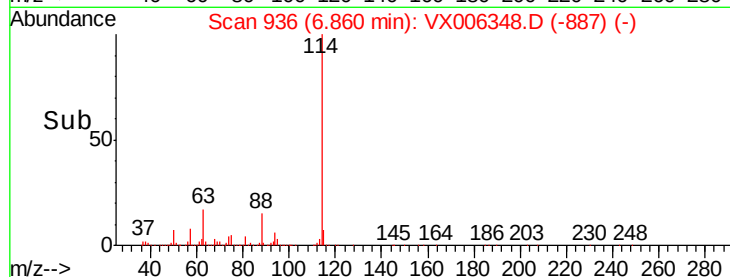
88 15.1 0.0 29.0



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: 47.976 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

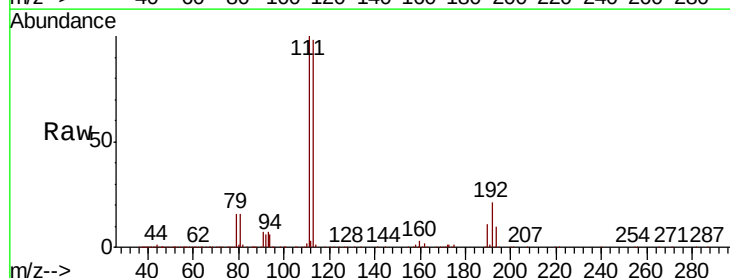
Tgt Ion:113 Resp: 380522

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

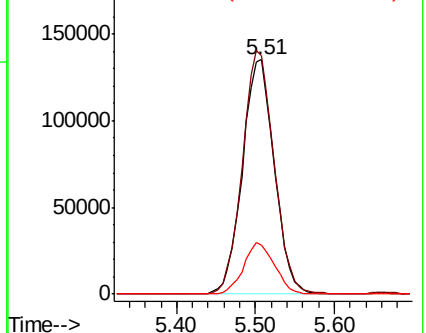
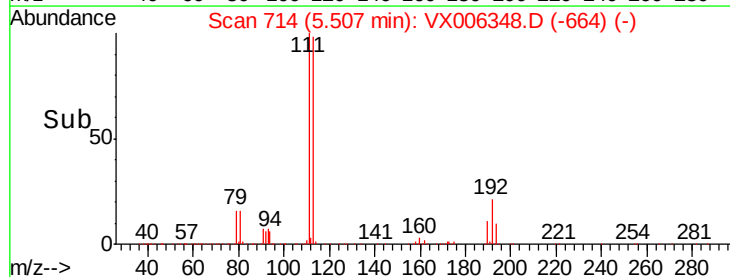
192 21.5 18.2 27.2

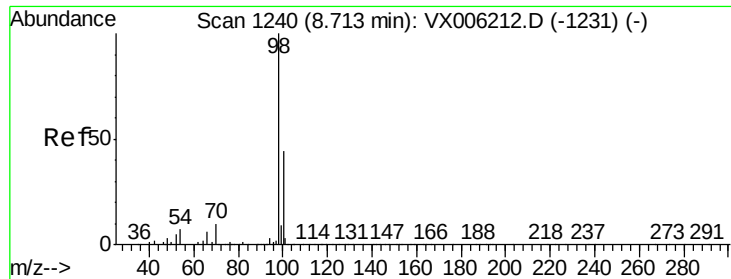


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

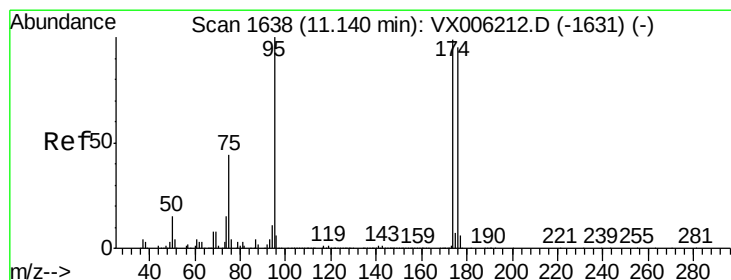
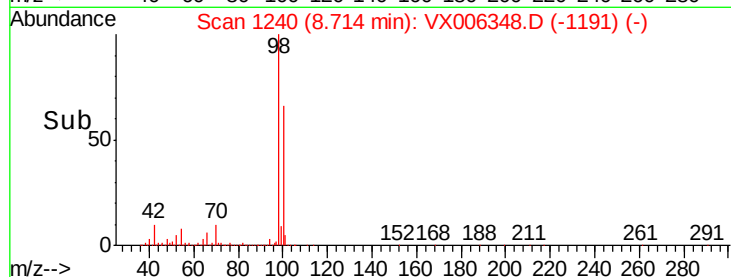
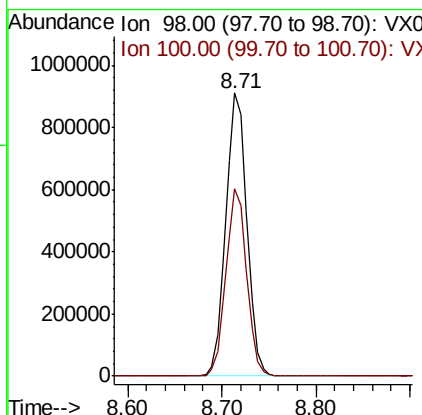
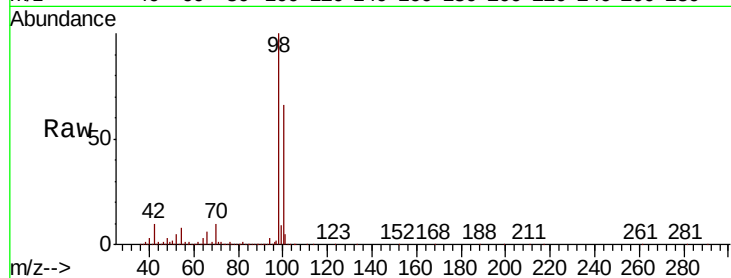




#50
Toluene-d8
Concen: 49.007 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006348.D
Acq: 07 Dec 2018 15:38

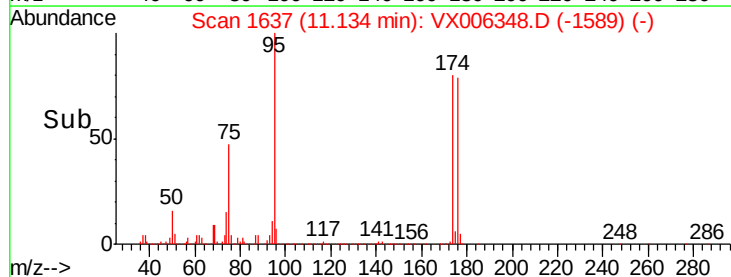
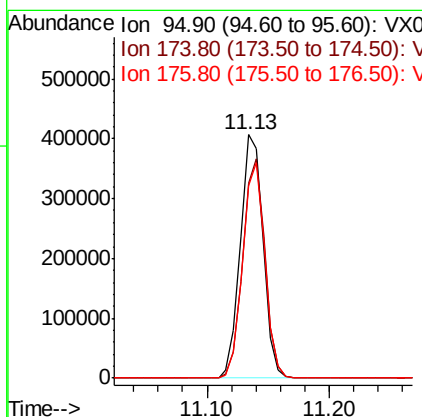
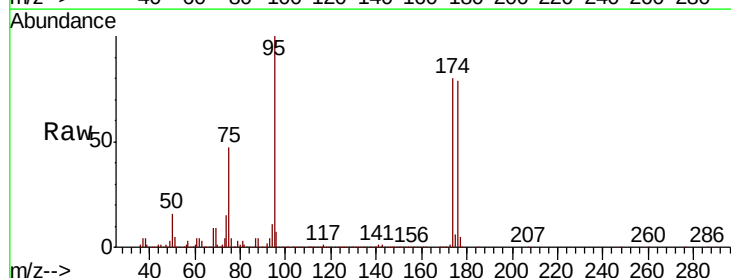
Instrument :
MSVOA_X
ClientSampleId :
CPA-AMW-4-M16W4-11-28-18

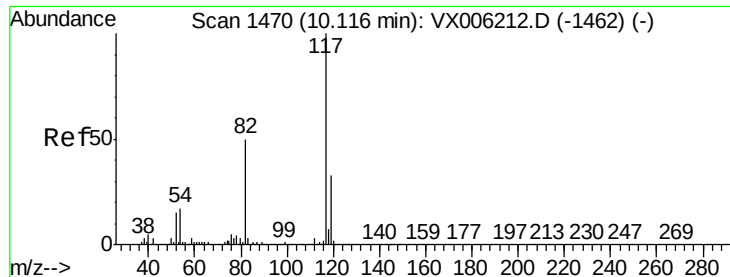
Tot Ion: 98 Resp: 1413857
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.975 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006348.D
Acq: 07 Dec 2018 15:38

Tgt Ion: 95 Resp: 521556
Ion Ratio Lower Upper
95 100
174 87.8 0.0 187.0
176 86.3 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: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

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

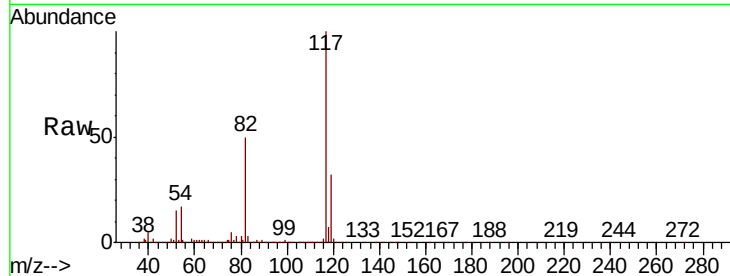
Tot Ion:117 Resp: 1095160

Ion Ratio Lower Upper

117 100

82 49.7 39.6 59.4

119 32.2 26.3 39.5

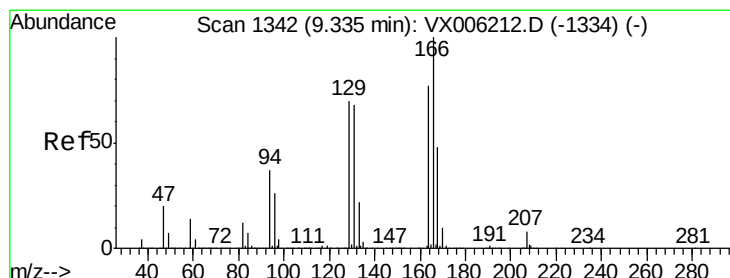
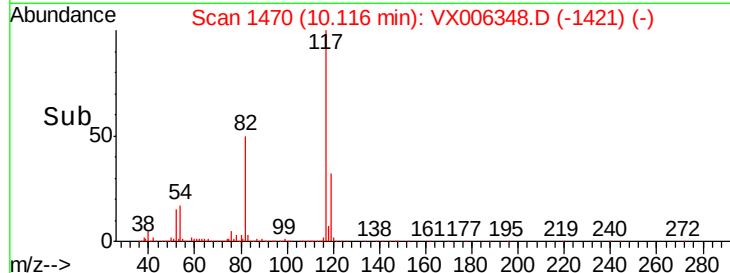
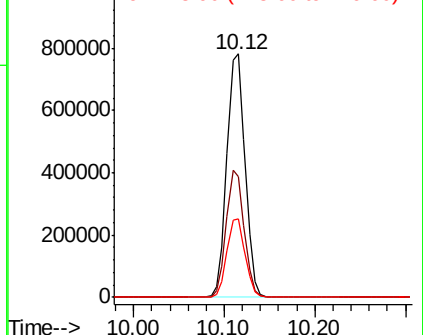


Abundance

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: 6.480 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Tgt Ion:164 Resp: 53448

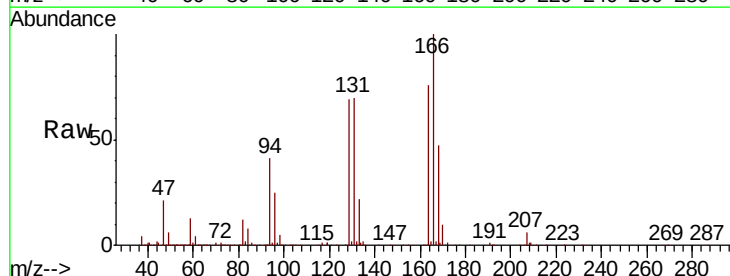
Ion Ratio Lower Upper

164 100

166 132.3 104.2 156.2

129 90.7 72.6 108.8

131 92.9 70.3 105.5



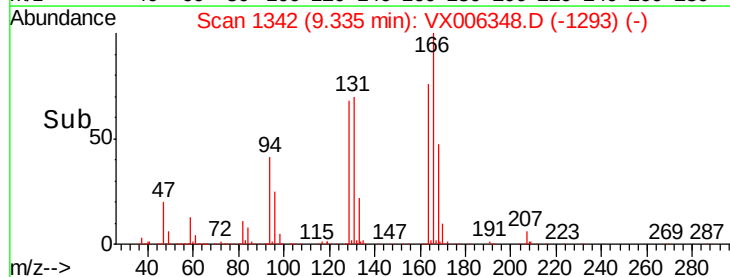
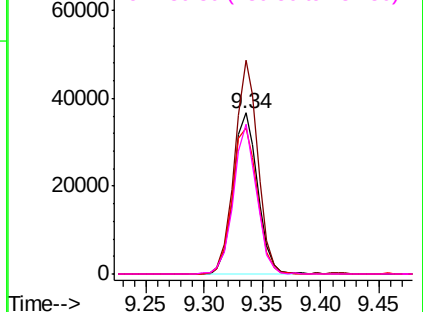
Abundance

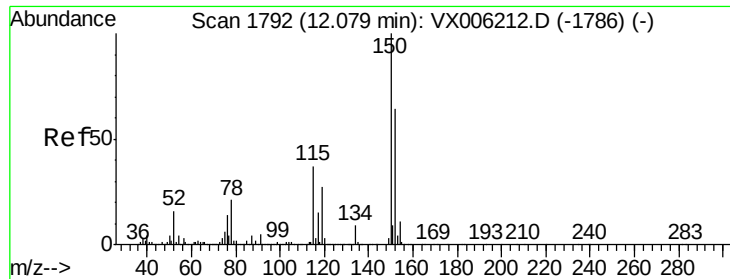
Ion 163.80 (163.50 to 164.50): V

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

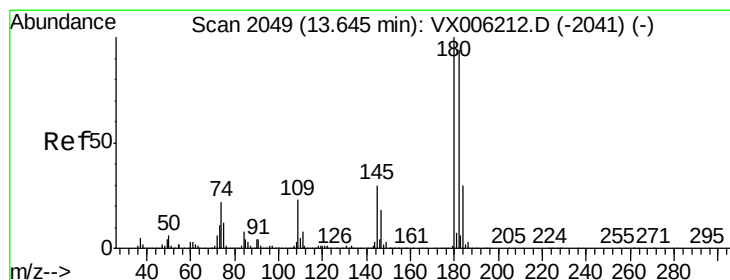
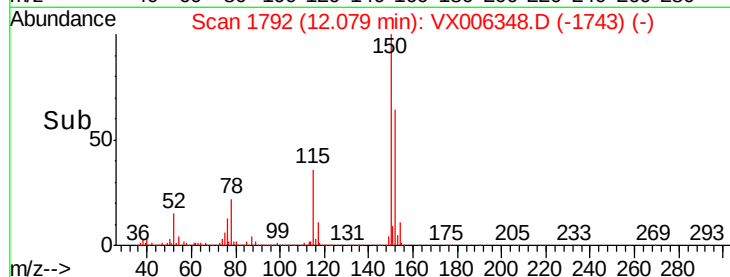
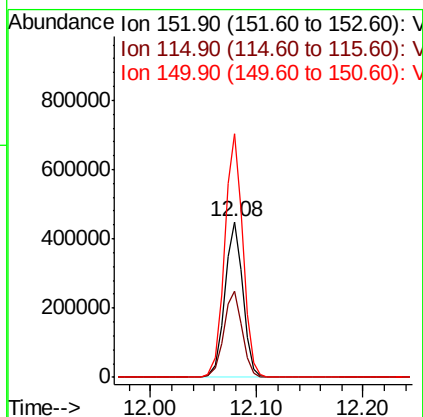
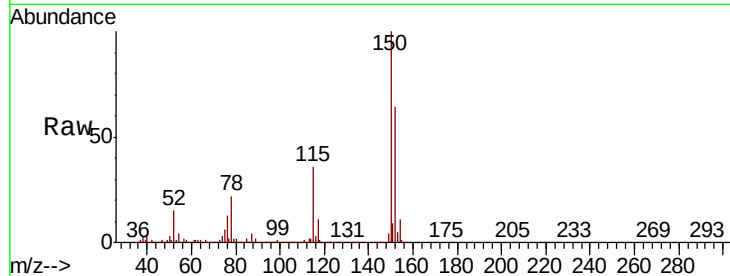




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006348.D
 Acq: 07 Dec 2018 15:38

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.0	116.9
150	157.5	0.0	345.8



#93
 1,2,4-Trichlorobenzene
 Concen: 0.476 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006348.D
 Acq: 07 Dec 2018 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	141.9
145	32.3	14.6	43.8

