

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003584.D
 Acq On : 22 Jul 2018 05:28
 Operator : JC/SP
 Sample : J4050-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP011-180717

Quant Time: Jul 23 15:14:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

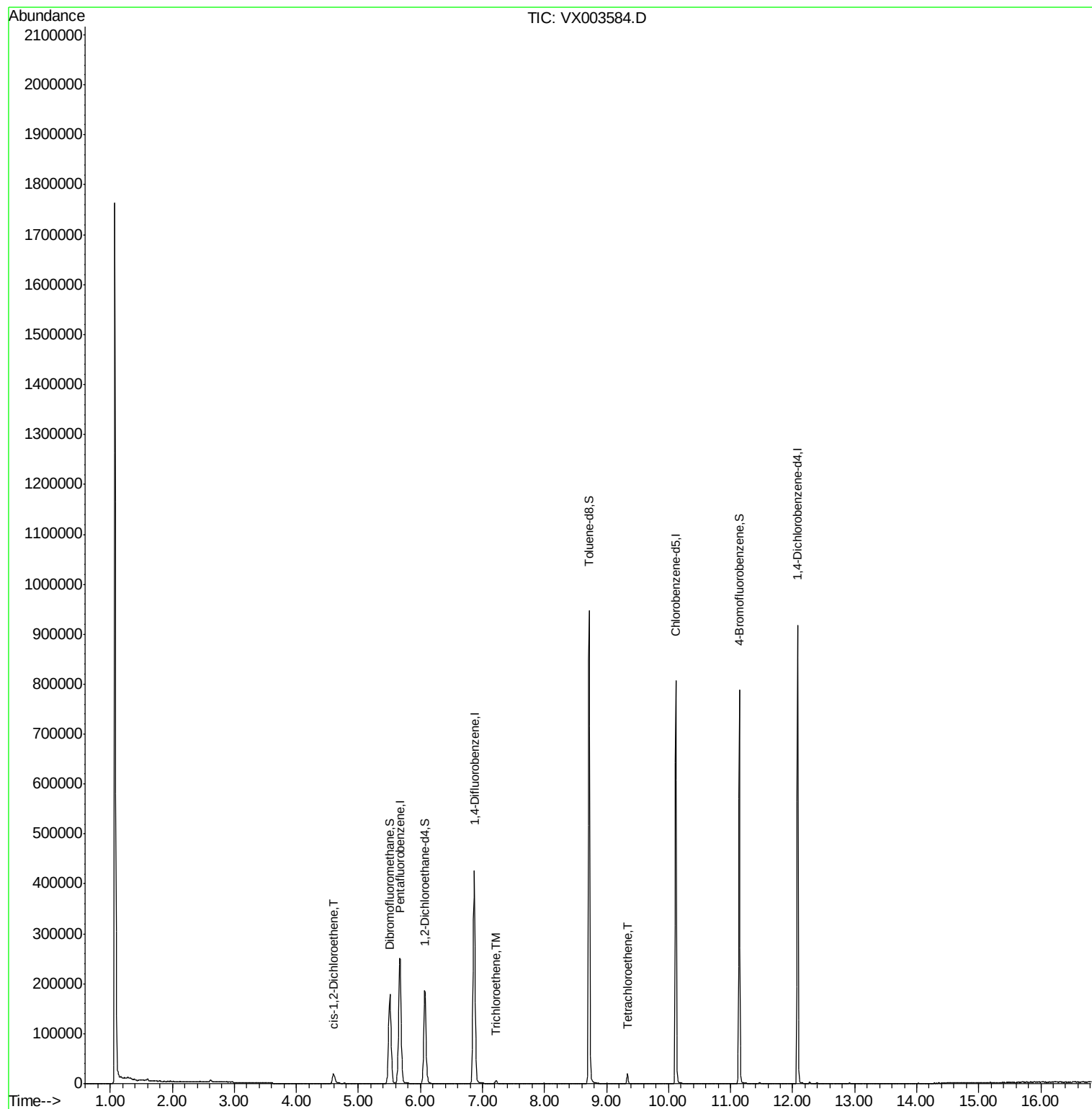
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	424289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	175415	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
35) Dibromofluoromethane	5.51	113	154960	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	8.72	98	568854	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.14	95	192492	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	9058	2.68	ug/l	# 9
44) Trichloroethene	7.22	130	2353	0.57	ug/l	95
64) Tetrachloroethene	9.34	164	4377	0.96	ug/l	94

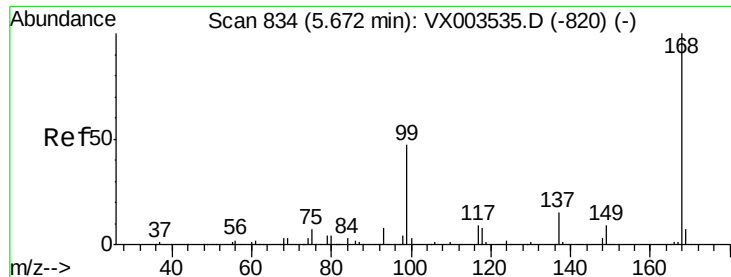
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003584.D

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MSVOA_X

ClientSampleId :

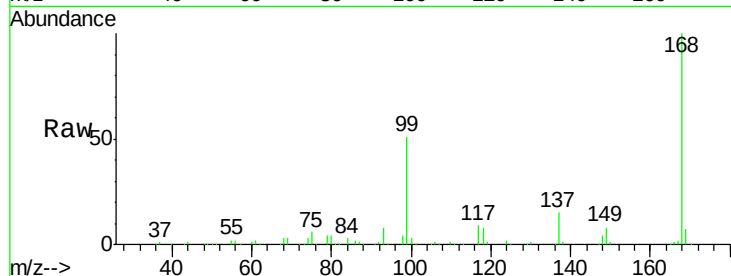
KY030SP011-180717

Tot Ion:168 Resp: 267183

Ion Ratio Lower Upper

168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

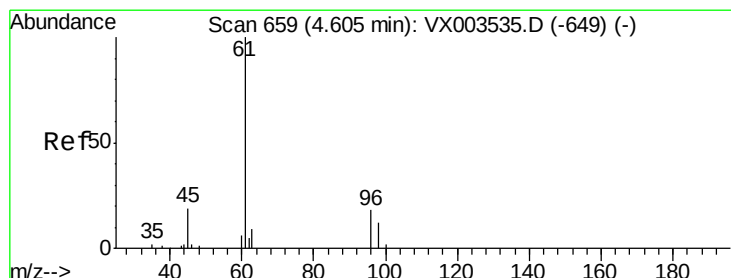
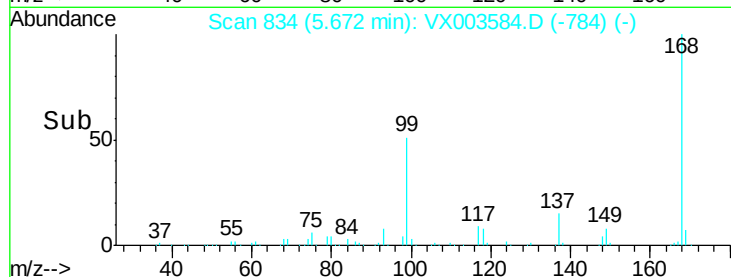
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.68 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003584.D

Acq: 22 Jul 2018 05:28

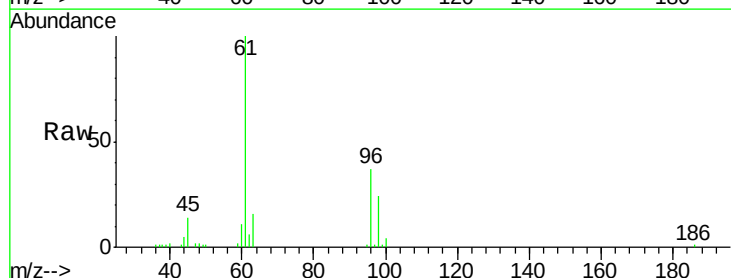
Tgt Ion: 96 Resp: 9058

Ion Ratio Lower Upper

96 100

61 333.3 0.0 330.2#

98 67.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

12000

10000

8000

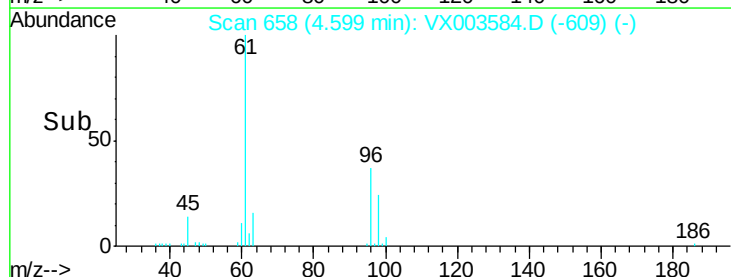
6000

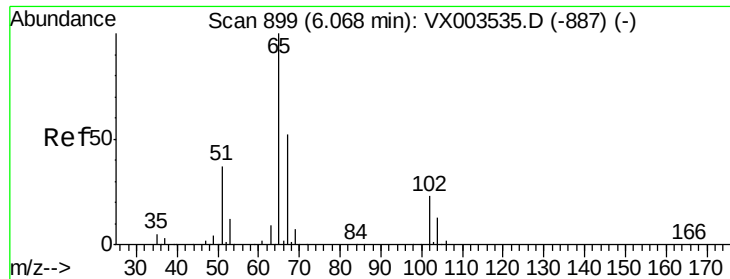
4000

2000

0

Time-->

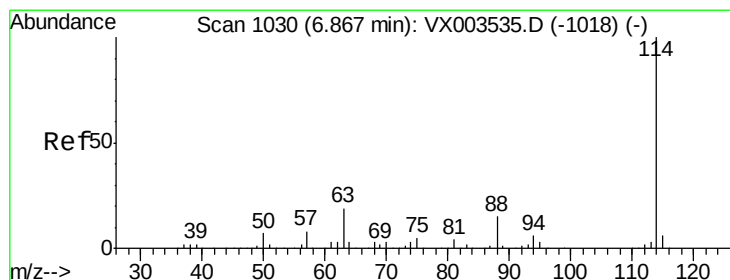
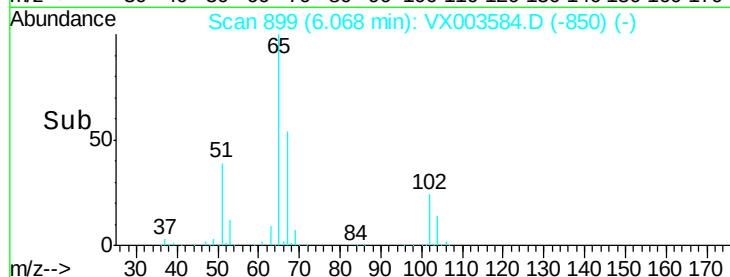
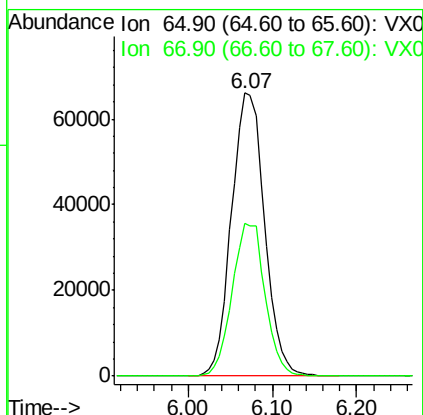
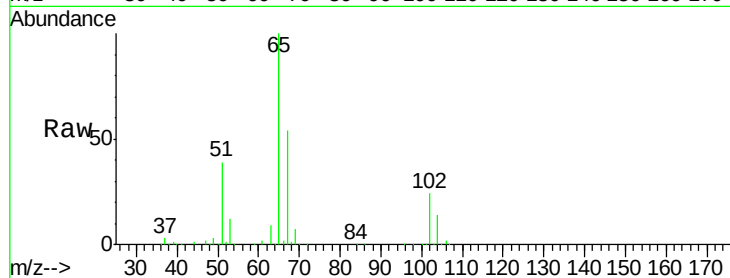




#33
 1,2-Dichloroethane-d4
 Concen: 55.46 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003584.D
 Acq: 22 Jul 2018 05:28

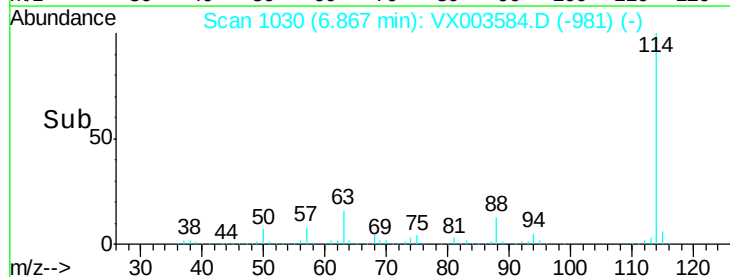
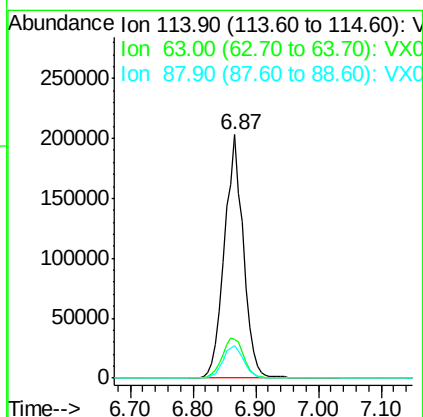
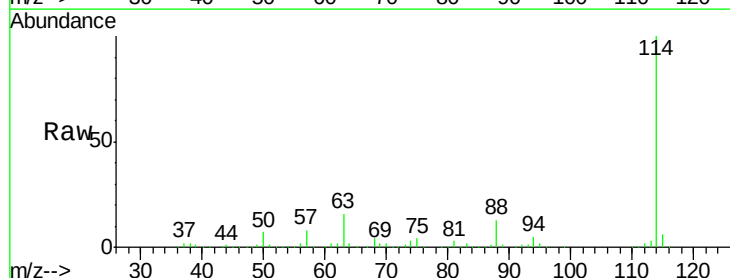
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP011-180717

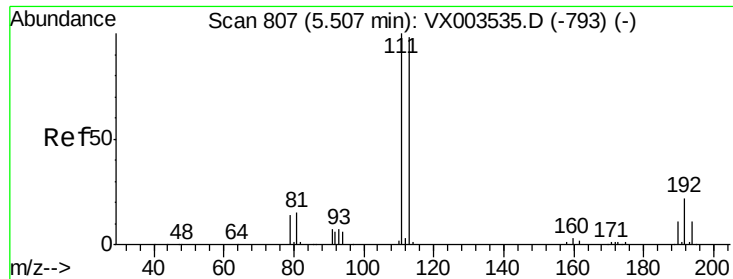
Tot Ion: 65 Resp: 175415
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003584.D
 Acq: 22 Jul 2018 05:28

Tgt Ion: 114 Resp: 424289
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 41.4
 88 13.4 0.0 30.0

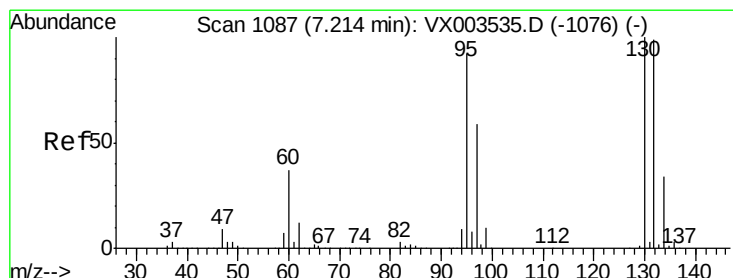
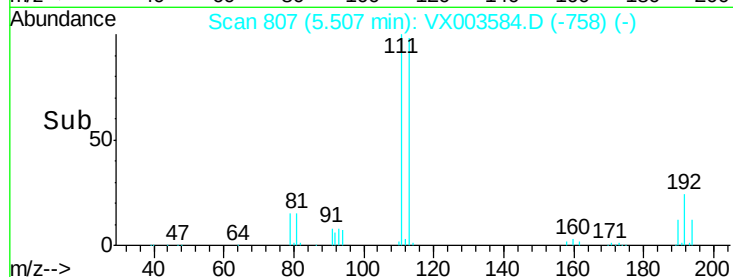
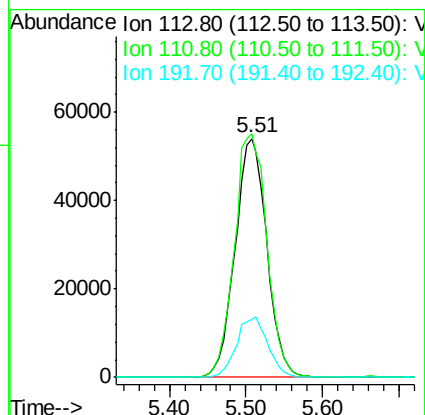
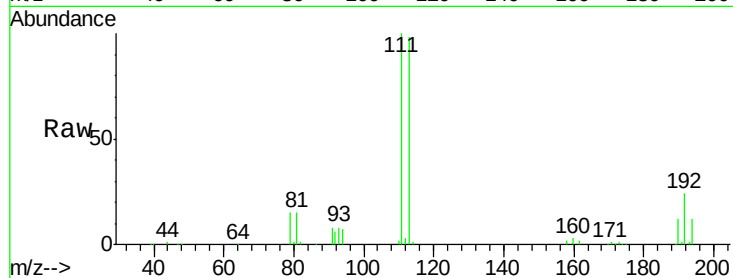




#35
 Dibromofluoromethane
 Concen: 47.95 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003584.D
 Acq: 22 Jul 2018 05:28

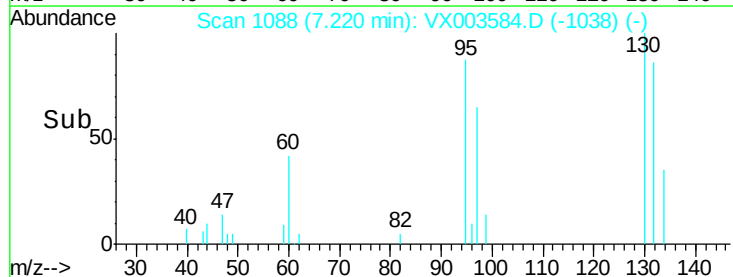
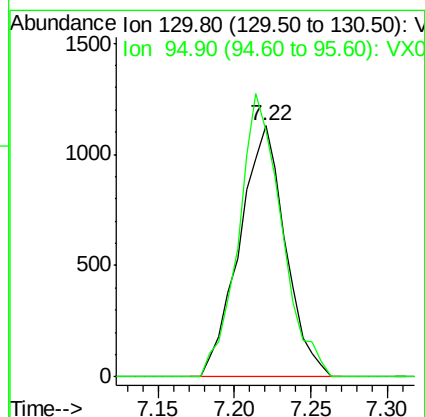
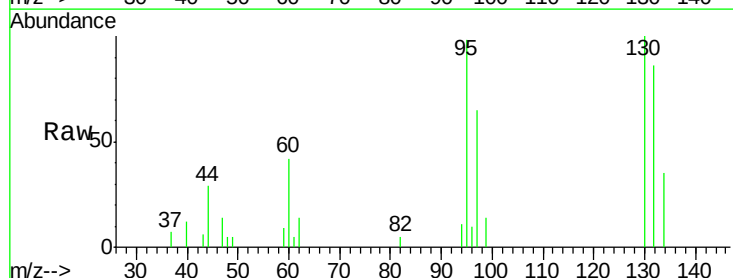
Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP011-180717

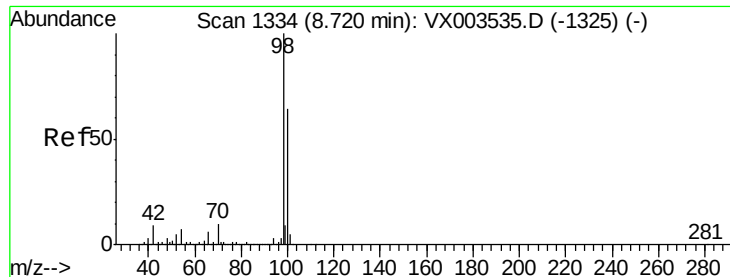
Tot Ion:113 Resp: 154960
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.4 122.0
 192 24.9 19.1 28.7



#44
 Trichloroethene
 Concen: 0.57 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003584.D
 Acq: 22 Jul 2018 05:28

Tgt Ion:130 Resp: 2353
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 185.4





#50

Toluene-d8

Concen: 46.83 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003584.D

Acq: 22 Jul 2018 05:28

Instrument :

MSVOA_X

ClientSampleId :

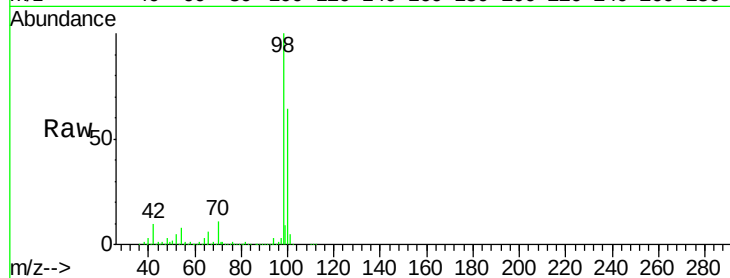
KY030SP011-180717

Tot Ion: 98 Resp: 568854

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

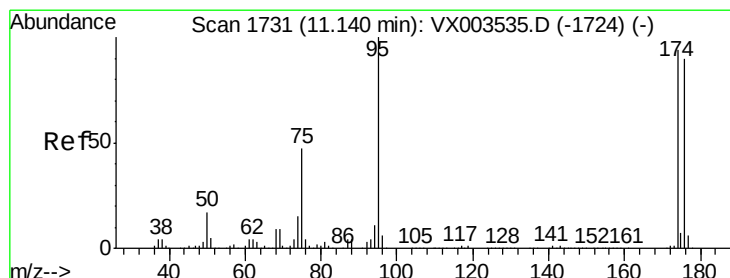
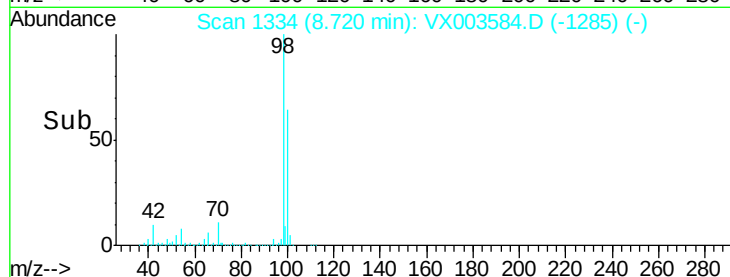
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003584.D

Acq: 22 Jul 2018 05:28

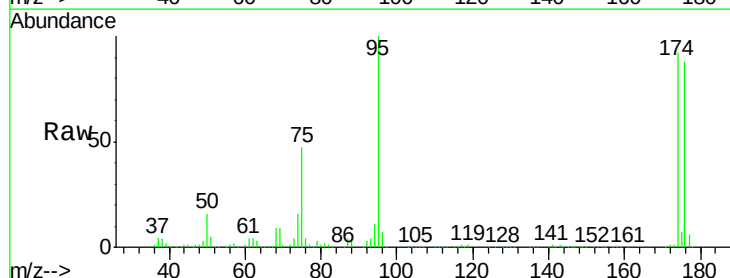
Tgt Ion: 95 Resp: 192492

Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

176 91.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

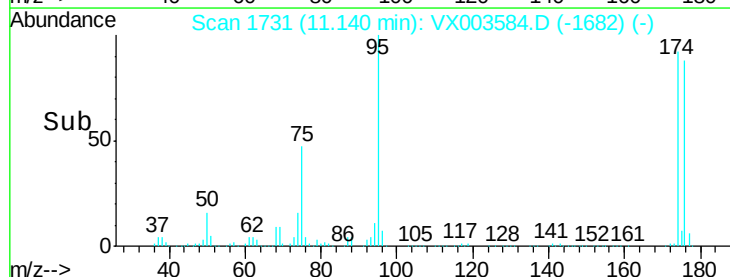
150000

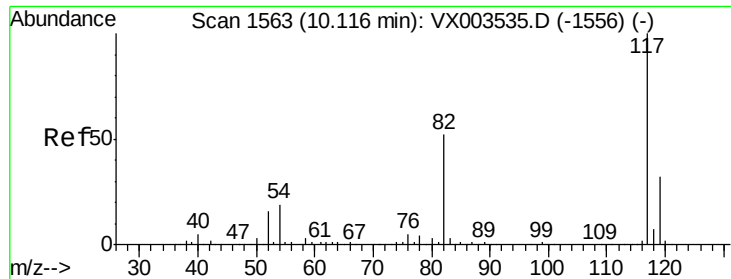
100000

50000

0

Time--> 11.10 11.20

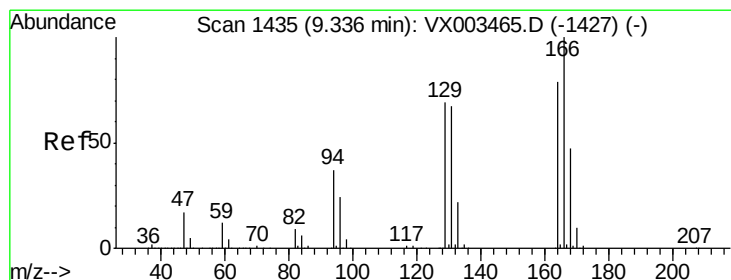
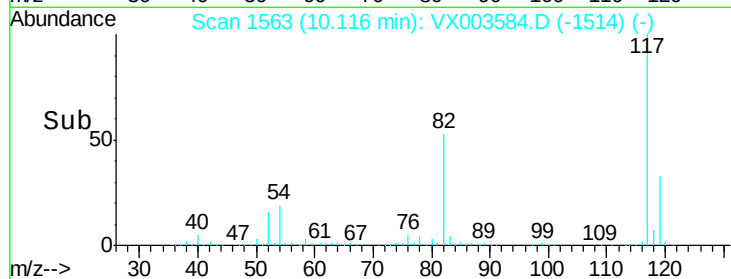
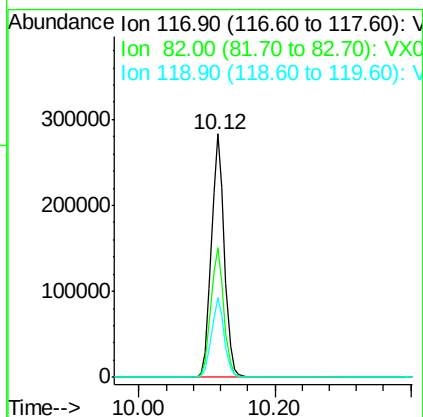
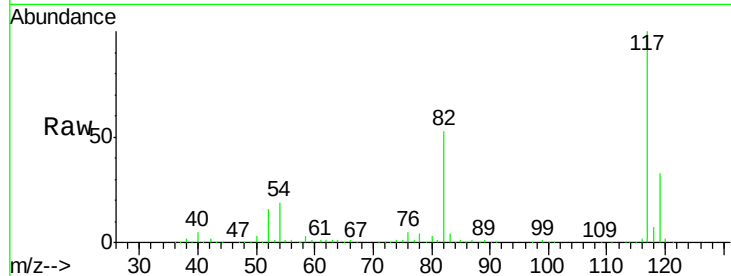




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003584.D
Acq: 22 Jul 2018 05:28

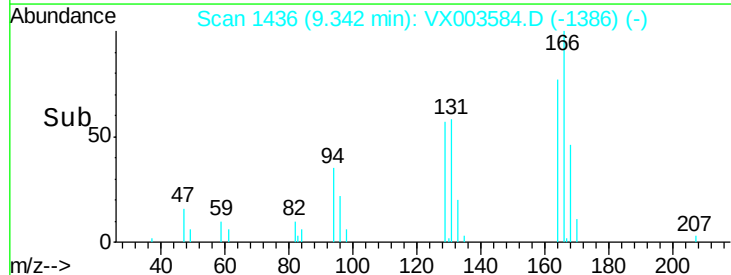
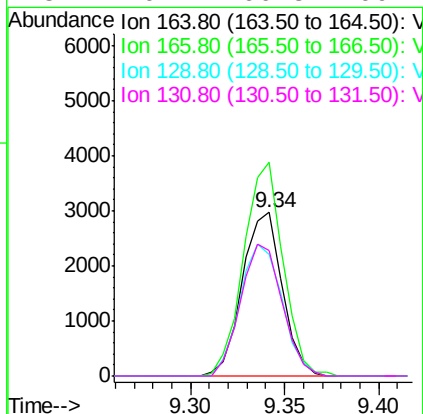
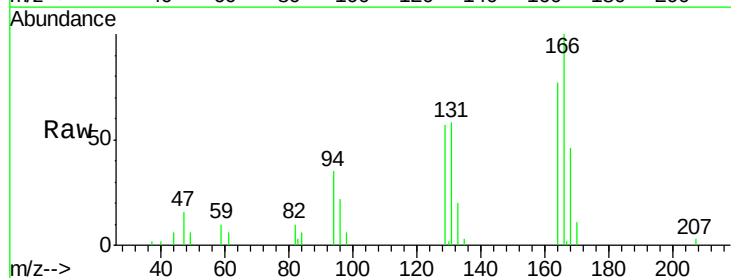
Instrument :
MSVOA_X
ClientSampleId :
KY030SP011-180717

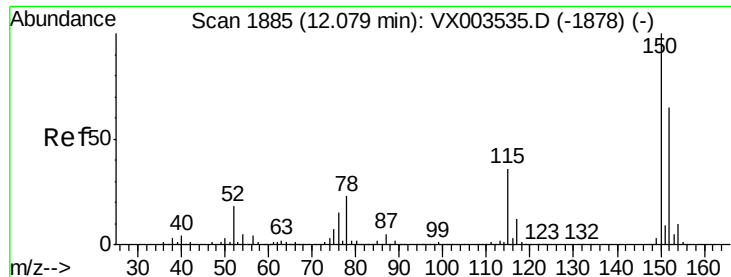
Tot Ion:117 Resp: 373689
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 0.96 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003584.D
Acq: 22 Jul 2018 05:28

Tgt Ion:164 Resp: 4377
Ion Ratio Lower Upper
164 100
166 130.7 102.9 154.3
129 74.7 68.6 102.8
131 76.4 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003584.D

Acq: 22 Jul 2018 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY030SP011-180717

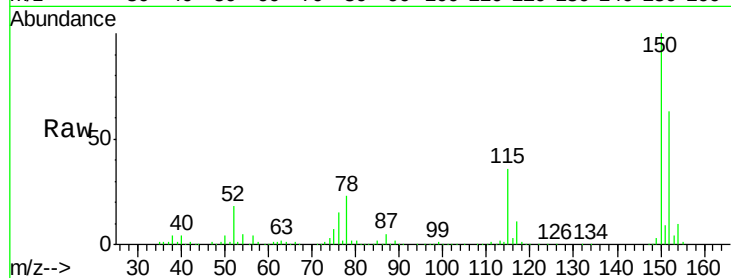
Tot Ion:152 Resp: 202118

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

150 157.8 0.0 347.2



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

