

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001247.D
 Acq On : 29 Apr 2018 06:27
 Operator : JC/MD
 Sample : J2600-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP02-20180425

Quant Time: Apr 30 03:51:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

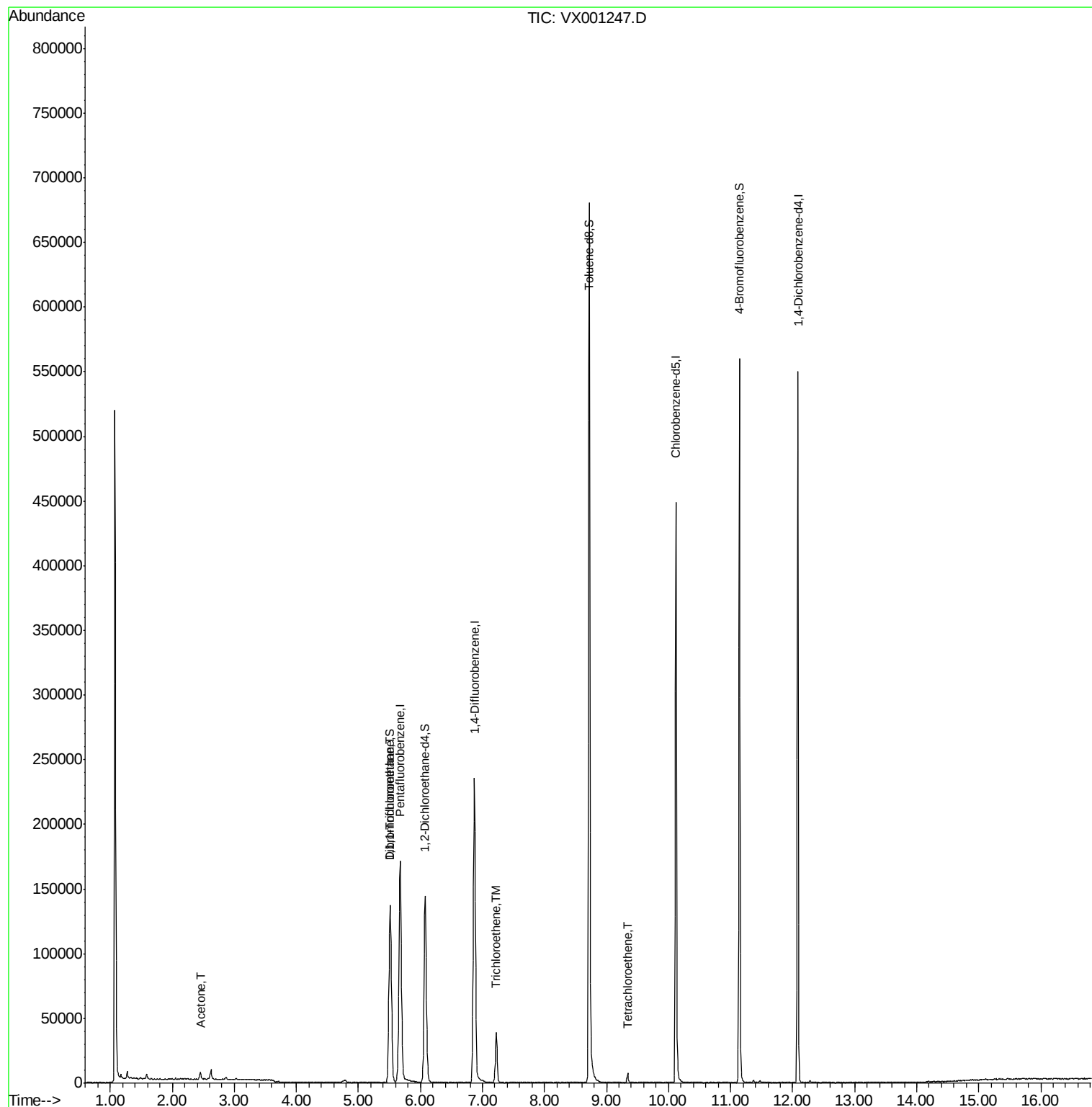
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	247551	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	220829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137580	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
35) Dibromofluoromethane	5.51	113	109611	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
50) Toluene-d8	8.72	98	417392	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
62) 4-Bromofluorobenzene	11.14	95	135327	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
Target Compounds						
16) Acetone	2.45	43	5598	4.84	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	2218	0.69	ug/l #	50
44) Trichloroethene	7.22	130	15238	6.48	ug/l	94
64) Tetrachloroethene	9.34	164	1429	0.61	ug/l #	84

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
Data File : VX001247.D
Acq On : 29 Apr 2018 06:27
Operator : JC/MD
Sample : J2600-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP02-20180425

Quant Time: Apr 30 03:51:47 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

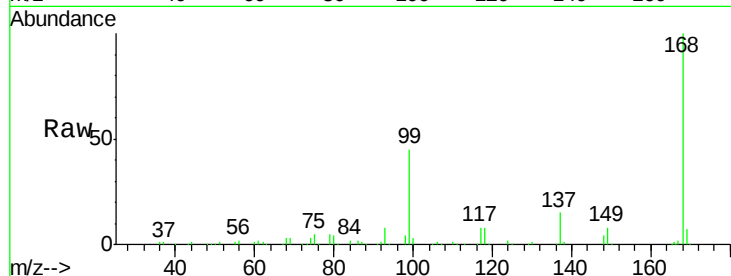
BP-DUP02-20180425

Tot Ion:168 Resp: 181366

Ion Ratio Lower Upper

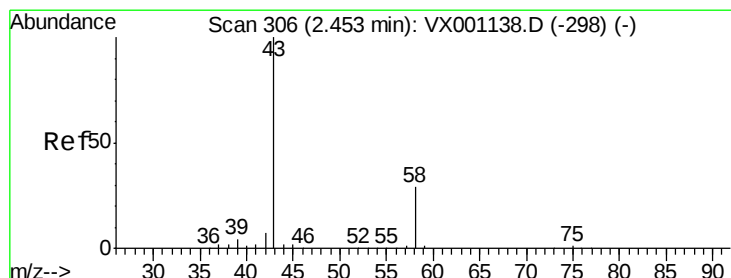
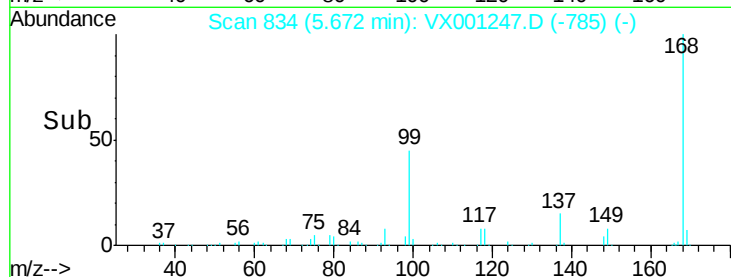
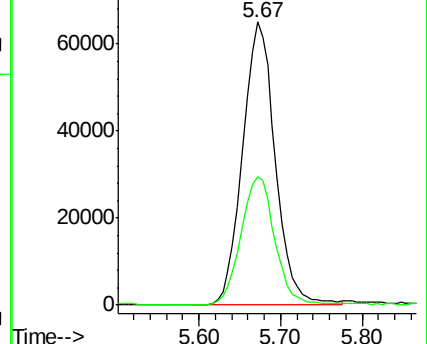
168 100

99 45.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.84 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001247.D

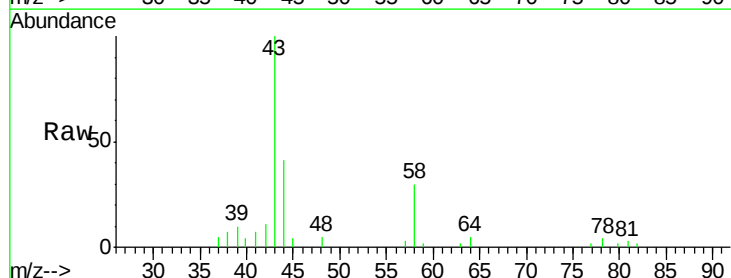
Acq: 29 Apr 2018 06:27

Tgt Ion: 43 Resp: 5598

Ion Ratio Lower Upper

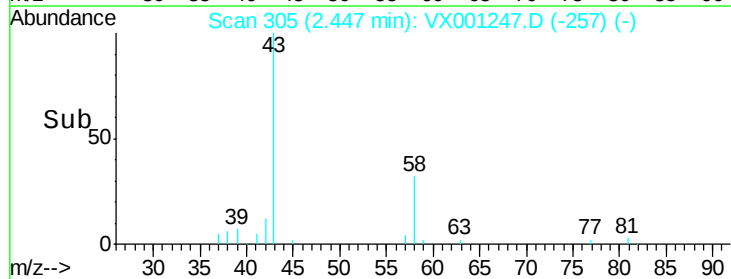
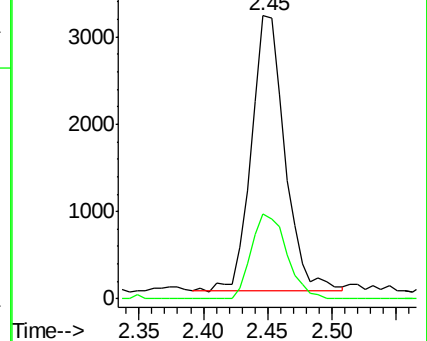
43 100

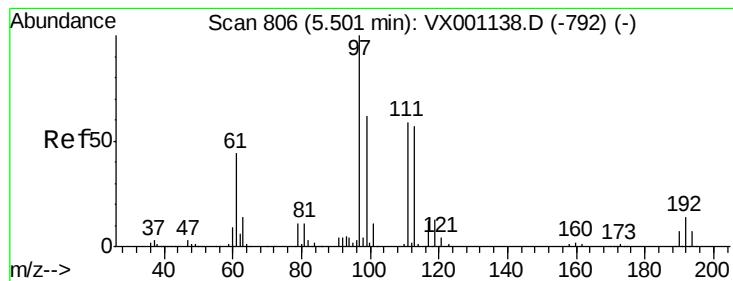
58 31.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#32

1,1,1-Trichloroethane

Concen: 0.69 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20180425

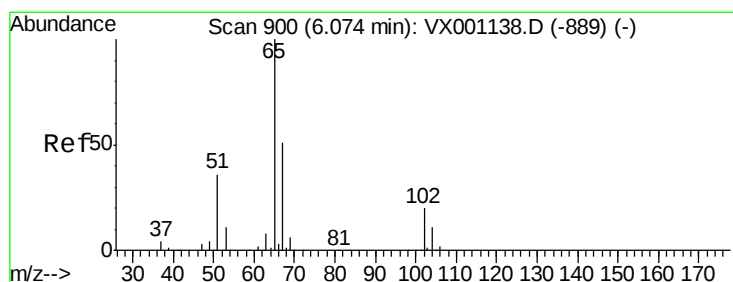
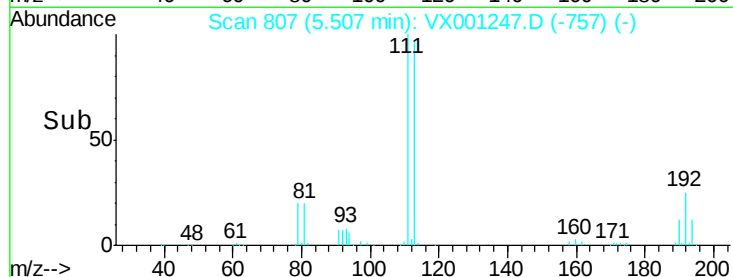
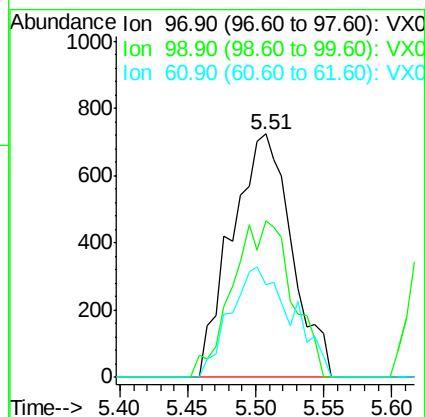
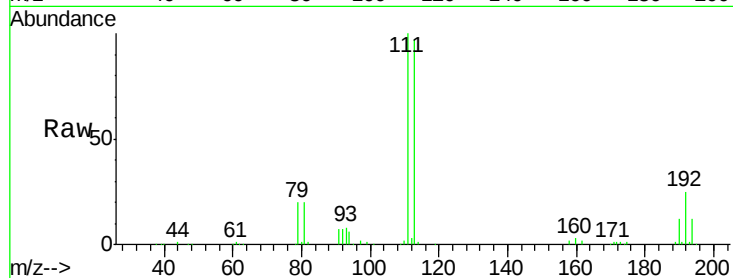
Tot Ion: 97 Resp: 2218

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3#

61 46.7 35.0 52.6



#33

1,2-Dichloroethane-d4

Concen: 48.94 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001247.D

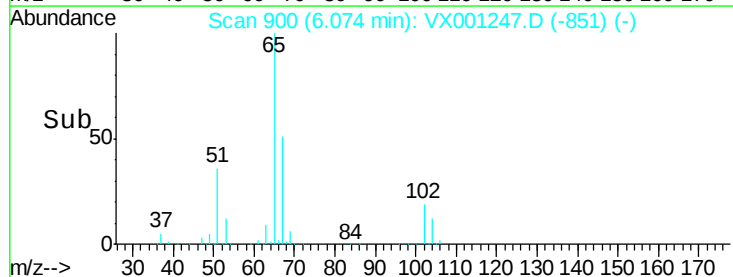
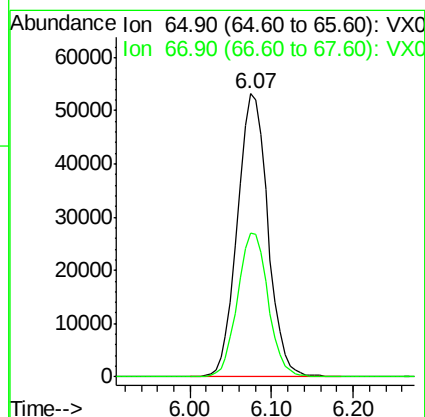
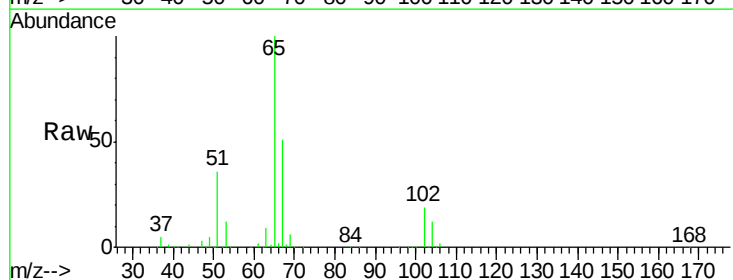
Acq: 29 Apr 2018 06:27

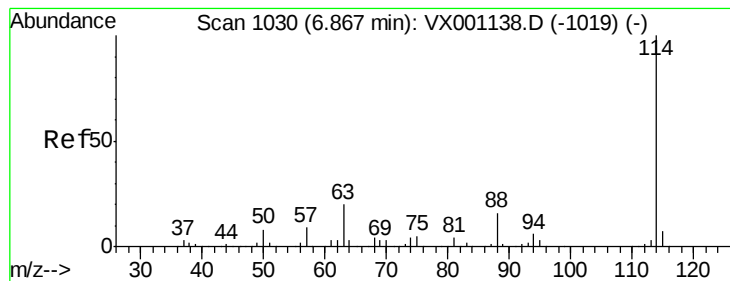
Tgt Ion: 65 Resp: 137580

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20180425

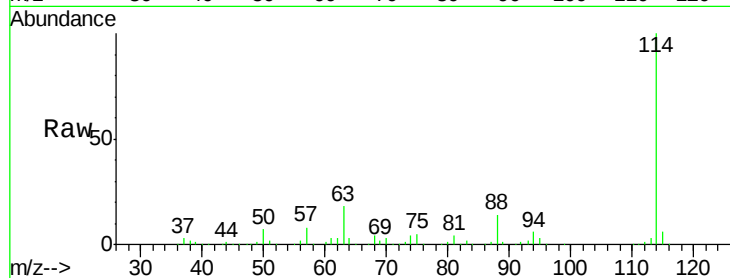
Tot Ion:114 Resp: 247551

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.4

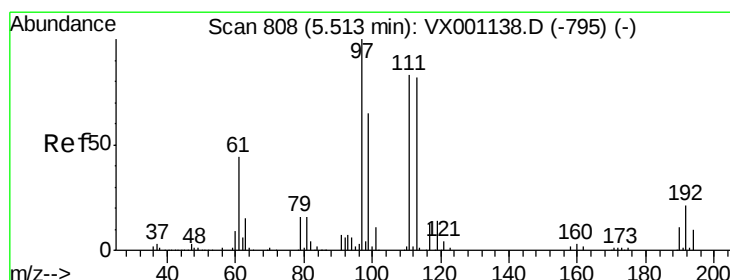
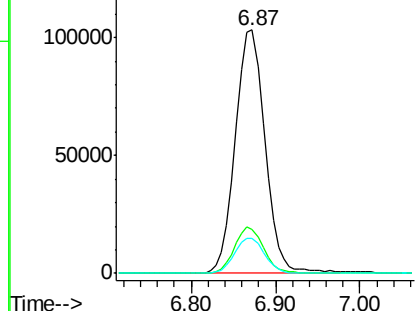
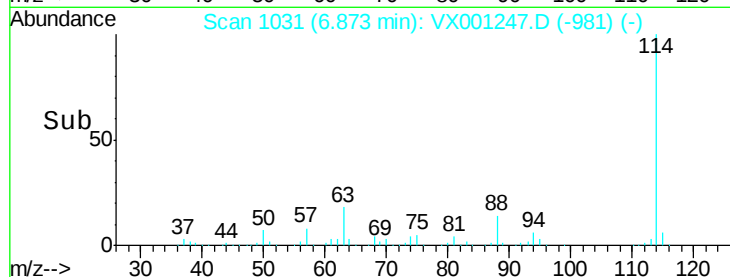
88 14.4 0.0 31.8



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: 53.50 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

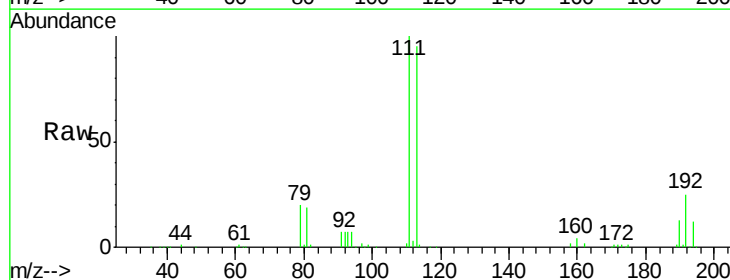
Tgt Ion:113 Resp: 109611

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

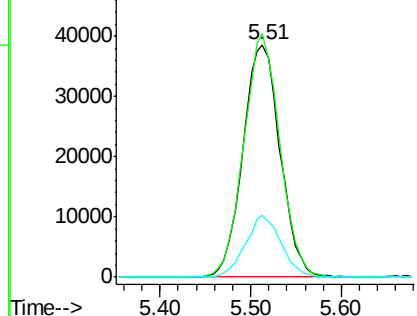
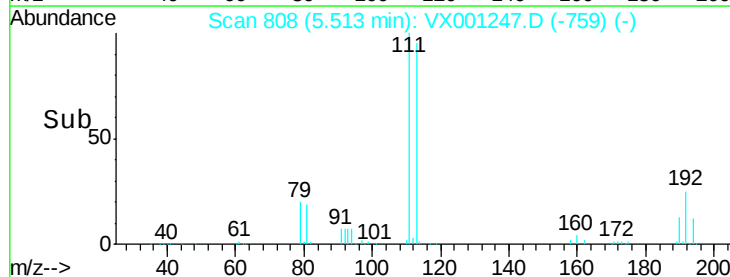
192 25.4 20.6 30.8

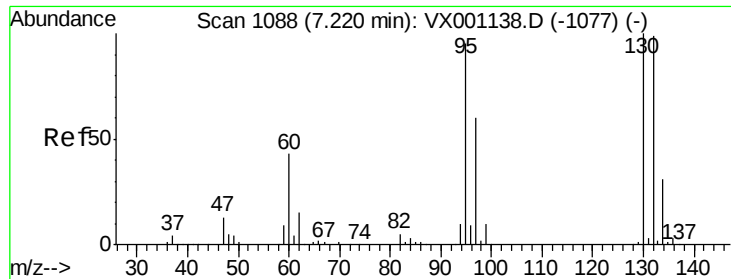


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.48 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

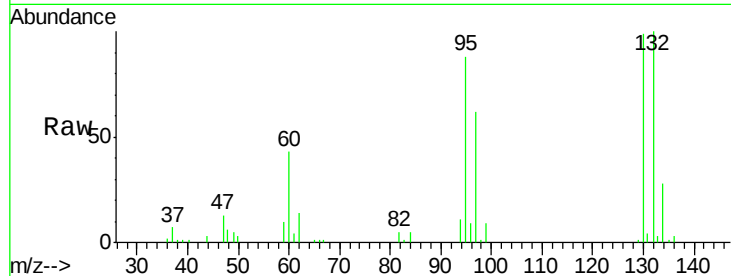
BP-DUP02-20180425

Tot Ion:130 Resp: 15238

Ion Ratio Lower Upper

130 100

95 88.6 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

8000

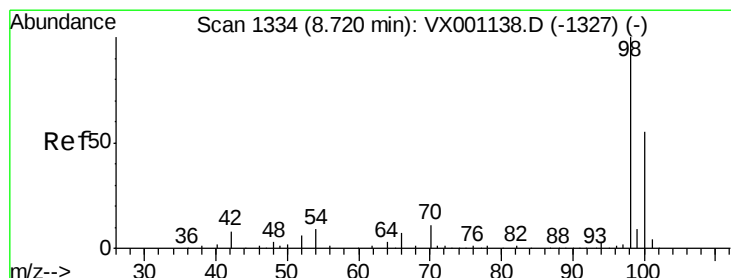
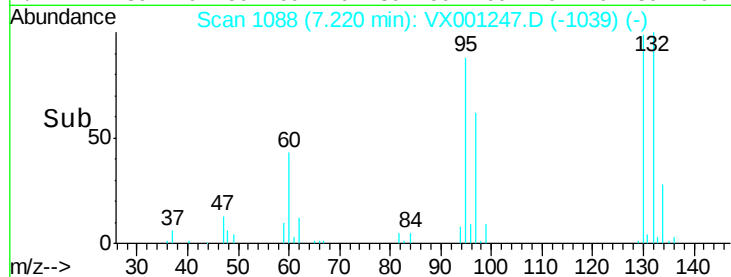
6000

4000

2000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 53.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001247.D

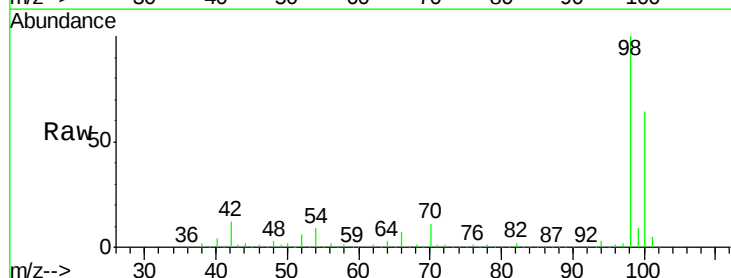
Acq: 29 Apr 2018 06:27

Tgt Ion: 98 Resp: 417392

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

250000

200000

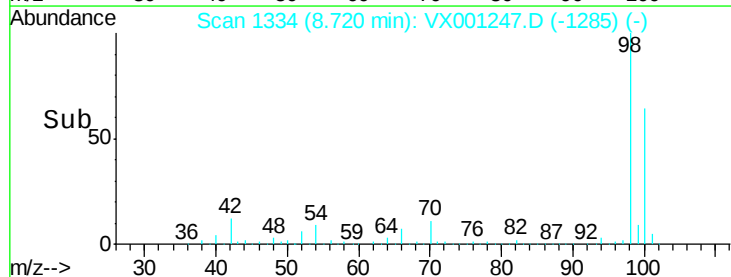
150000

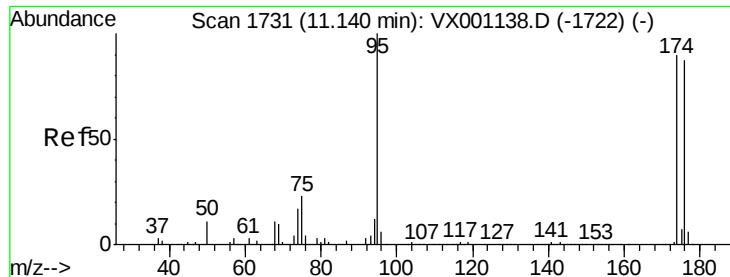
100000

50000

0

Time--> 8.60 8.70 8.80 8.90 9.00

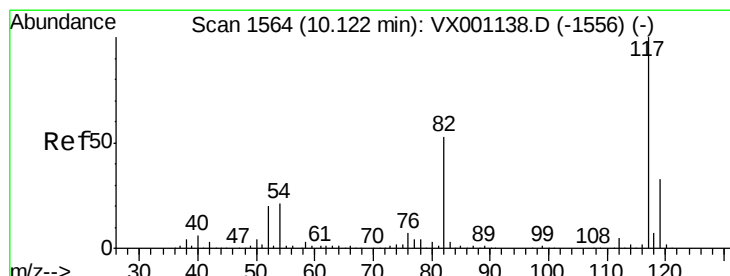
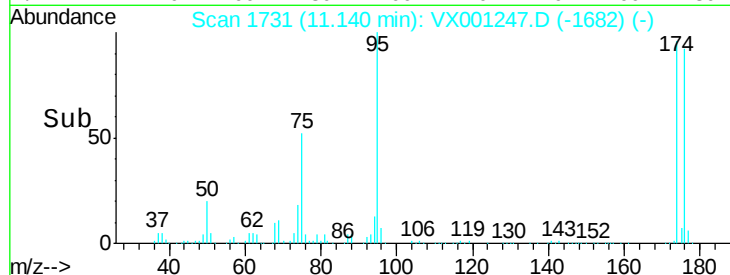
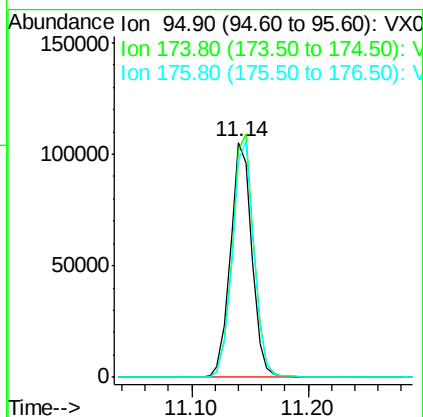
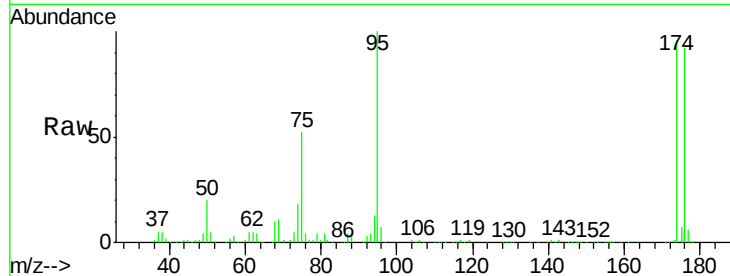




#62
4-Bromofluorobenzene
Concen: 44.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001247.D
Acq: 29 Apr 2018 06:27

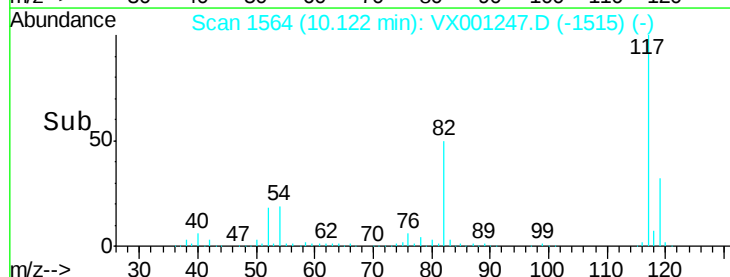
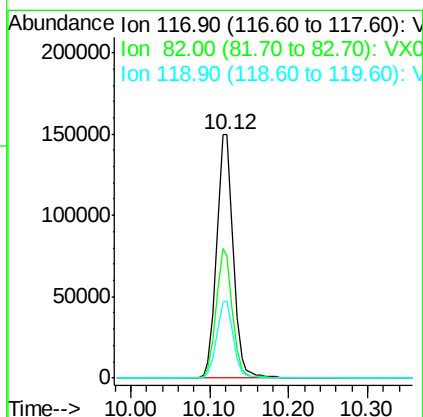
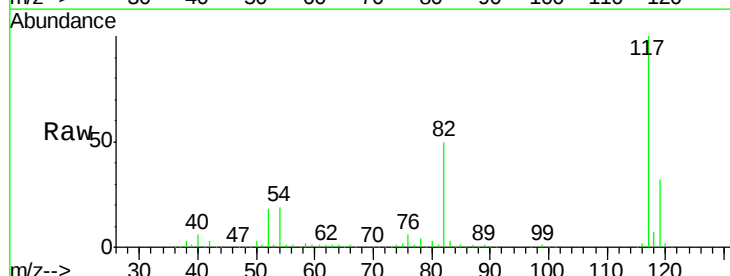
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP02-20180425

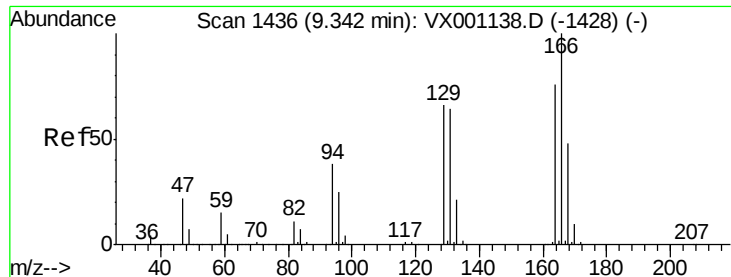
Tot Ion: 95 Resp: 135327
Ion Ratio Lower Upper
95 100
174 104.2 0.0 194.4
176 100.3 0.0 190.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001247.D
Acq: 29 Apr 2018 06:27

Tgt Ion: 117 Resp: 220829
Ion Ratio Lower Upper
117 100
82 50.3 42.1 63.1
119 31.7 26.1 39.1





#64

Tetrachloroethene

Concen: 0.61 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20180425

Tot Ion:164 Resp: 1429

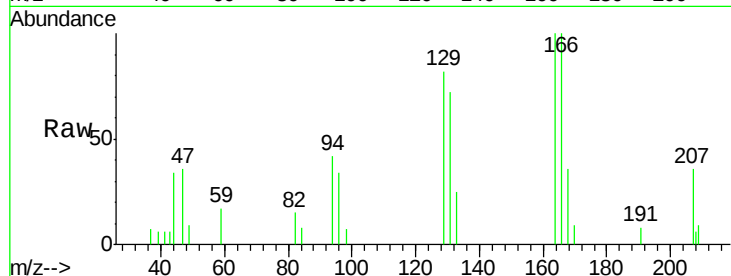
Ion Ratio Lower Upper

164 100

166 100.4 105.0 157.6#

129 82.0 69.4 104.2

131 72.5 67.3 100.9

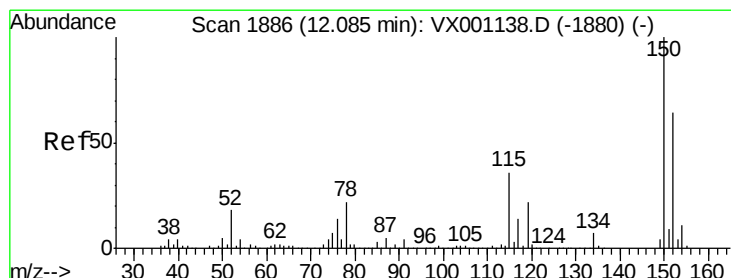
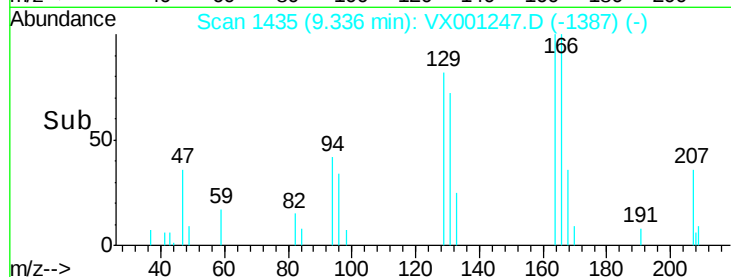
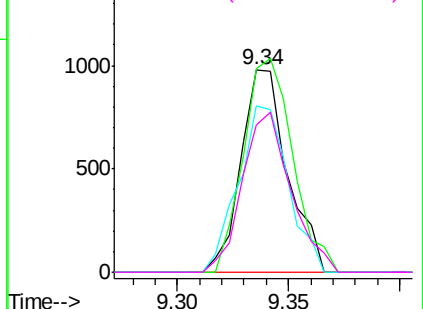


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001247.D

Acq: 29 Apr 2018 06:27

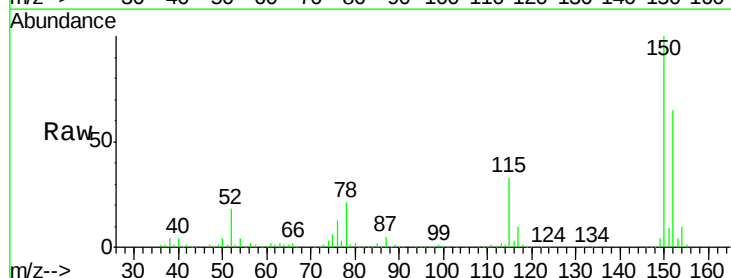
Tgt Ion:152 Resp: 117368

Ion Ratio Lower Upper

152 100

115 52.5 38.0 114.0

150 156.7 0.0 349.6



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

