

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000465.D
 Acq On : 27 Mar 2018 18:12
 Operator : JC/MD
 Sample : J2063-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-CV-2533

Quant Time: Mar 28 07:37:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

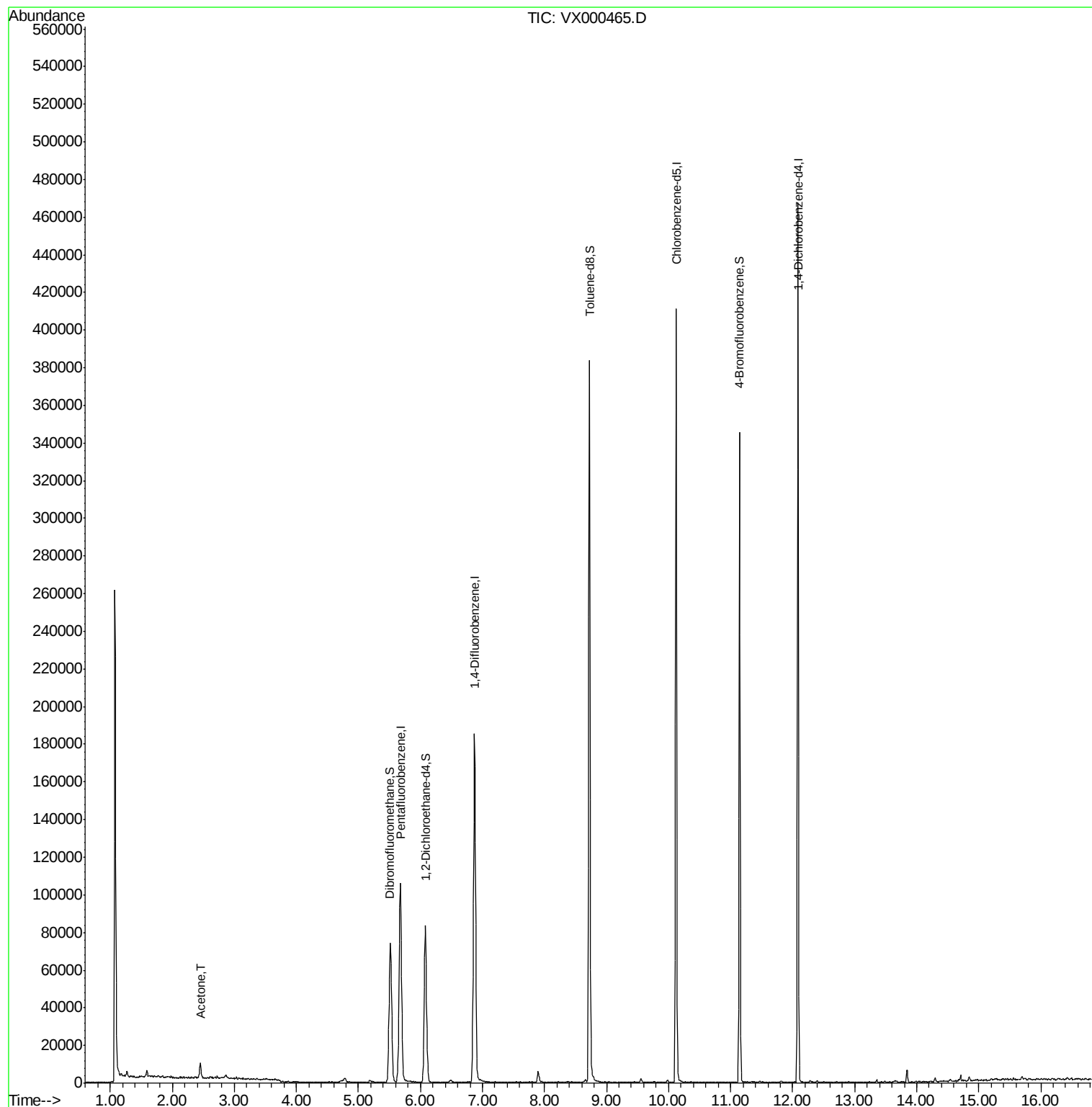
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	100615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75445	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	5.51	113	59772	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	8.73	98	230273	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.15	95	74666	38.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.12%	
Target Compounds						
16) Acetone	2.45	43	8787	8.04	ug/l	Qvalue 96

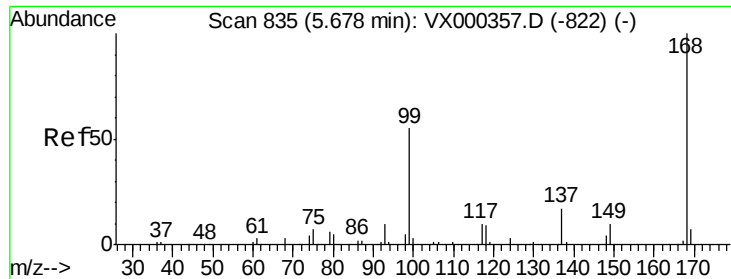
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000465.D

Acq: 27 Mar 2018 18:12

Instrument :

MSVOA_X

ClientSampleId :

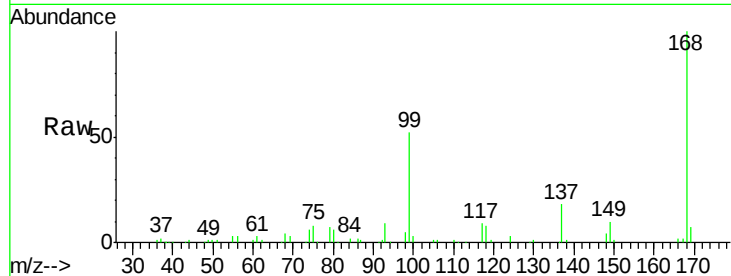
RO-CV-2533

Tot Ion:168 Resp: 100615

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

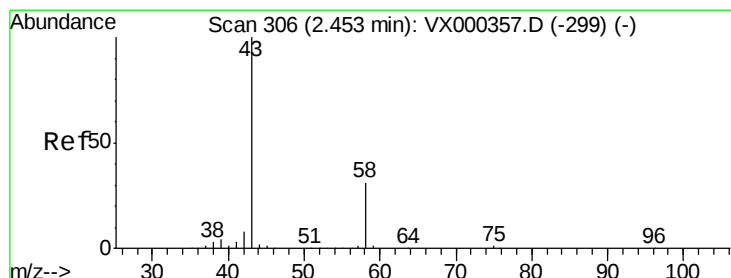
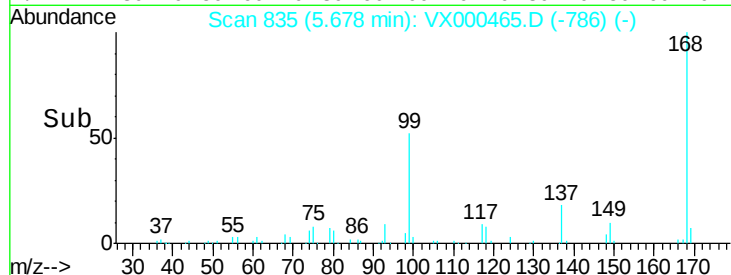
20000

10000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 8.04 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000465.D

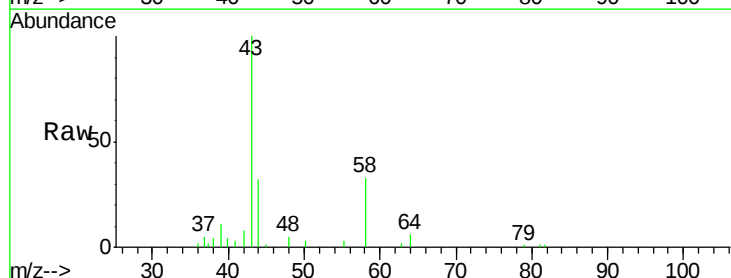
Acq: 27 Mar 2018 18:12

Tgt Ion: 43 Resp: 8787

Ion Ratio Lower Upper

43 100

58 33.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

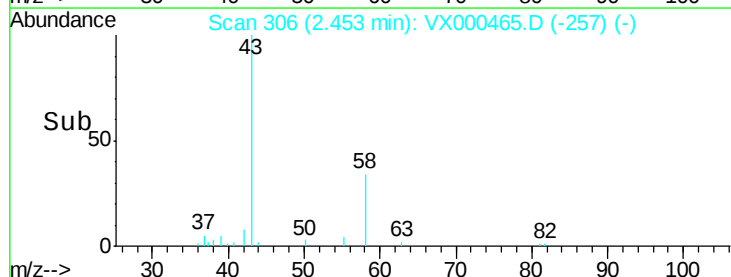
2000

1000

0

2.40 2.45 2.50 2.55

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.44 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000465.D

Acq: 27 Mar 2018 18:12

Instrument :

MSVOA_X

ClientSampleId :

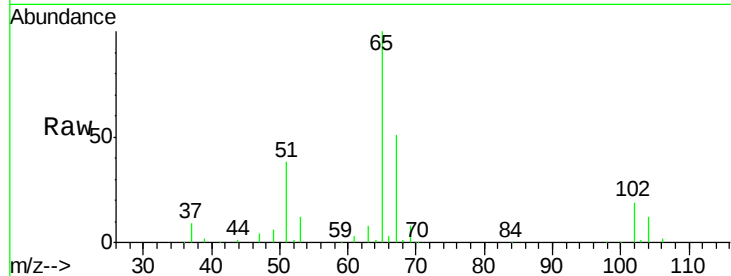
RO-CV-2533

Tot Ion: 65 Resp: 75445

Ion Ratio Lower Upper

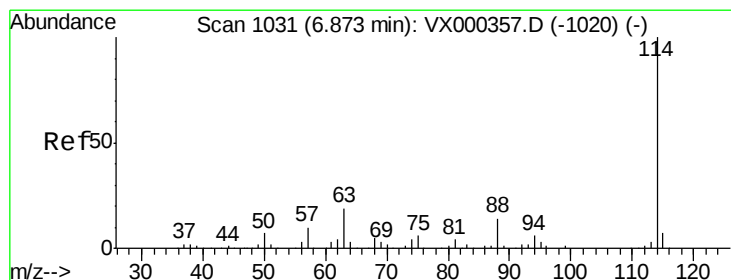
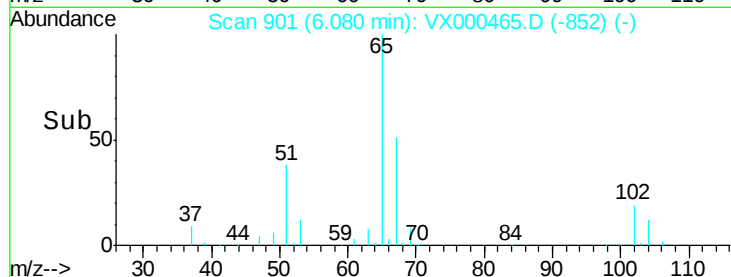
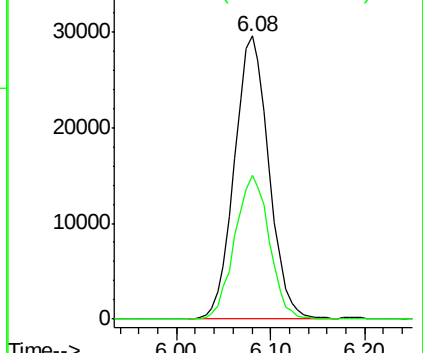
65 100

67 50.9 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000465.D

Acq: 27 Mar 2018 18:12

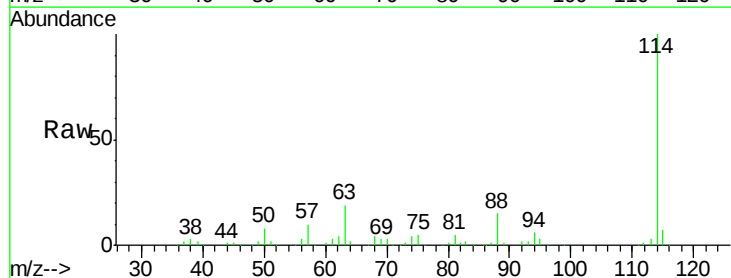
Tgt Ion: 114 Resp: 183284

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

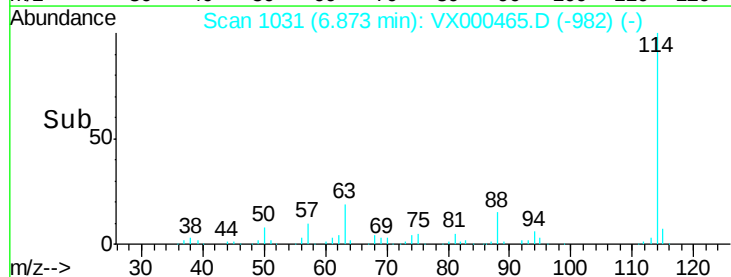
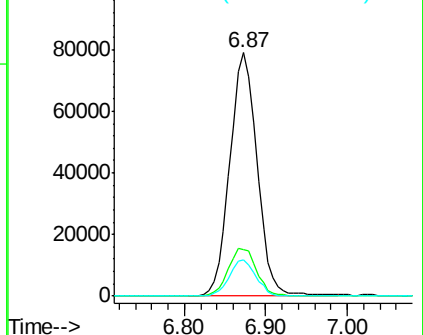
88 14.7 0.0 27.0

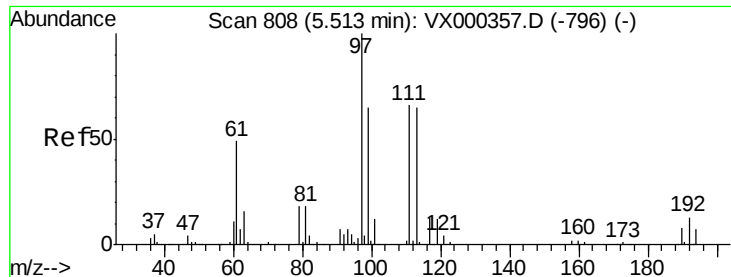


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.76 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000465.D

Acq: 27 Mar 2018 18:12

Instrument :

MSVOA_X

ClientSampled :

RO-CV-2533

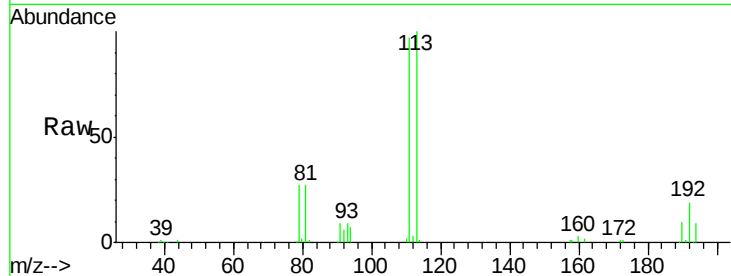
Tot Ion:113 Resp: 59772

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

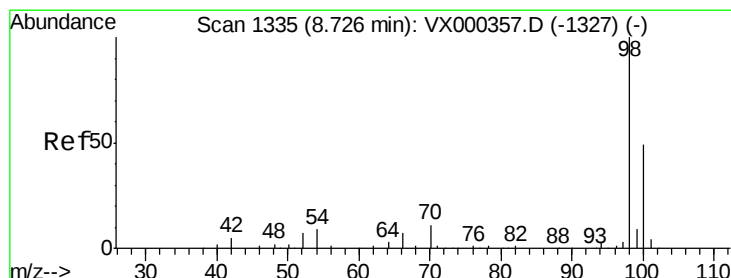
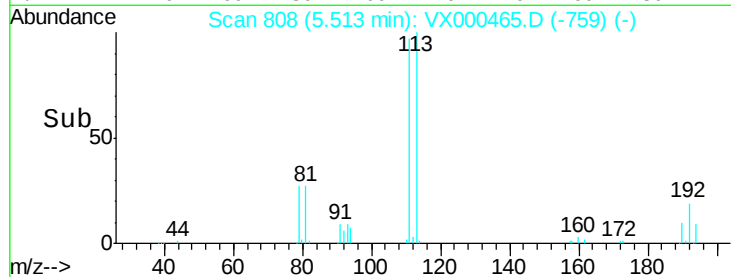
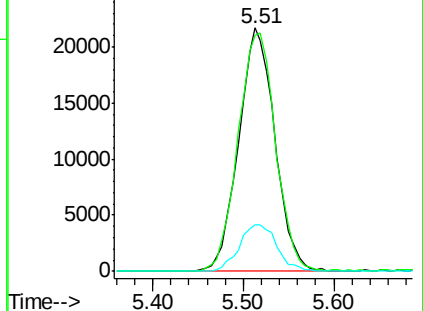
192 19.8 15.8 23.6



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: 48.14 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000465.D

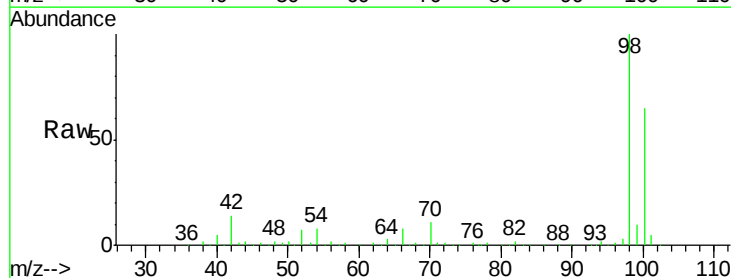
Acq: 27 Mar 2018 18:12

Tgt Ion: 98 Resp: 230273

Ion Ratio Lower Upper

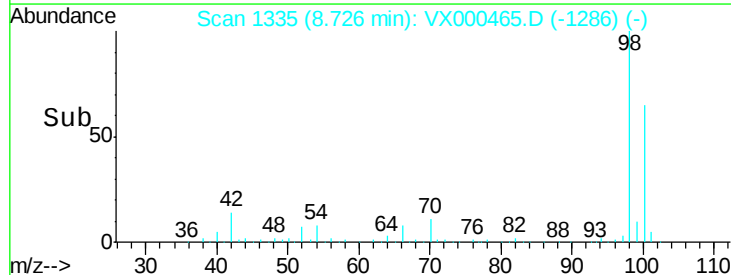
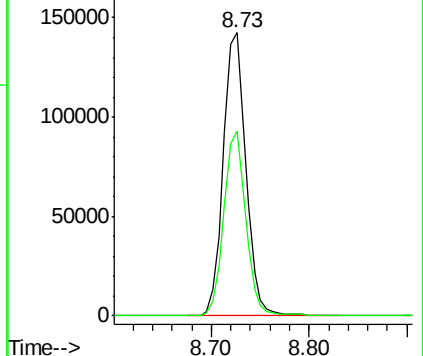
98 100

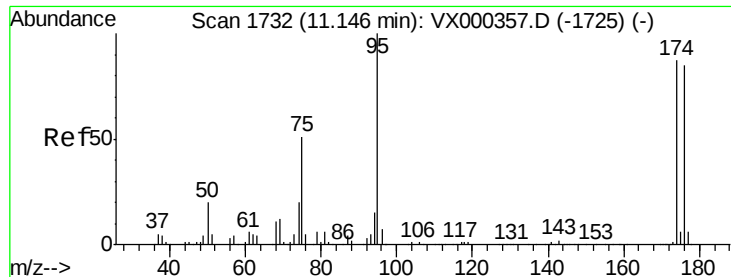
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 38.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000465.D

Acq: 27 Mar 2018 18:12

Instrument :

MSVOA_X

ClientSampleId :

RO-CV-2533

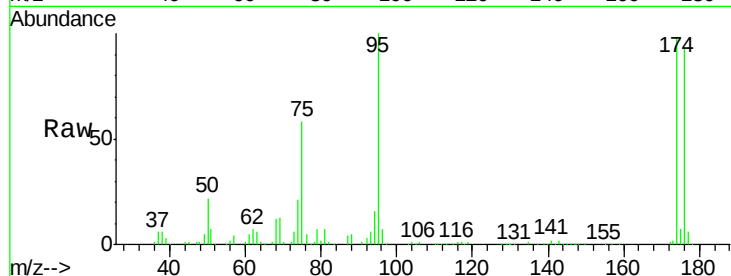
Tot Ion: 95 Resp: 74666

Ion Ratio Lower Upper

95 100

174 95.4 0.0 173.6

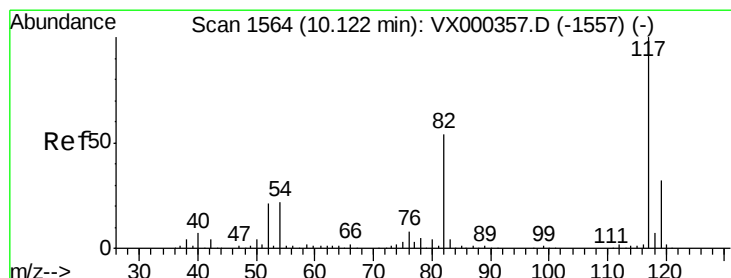
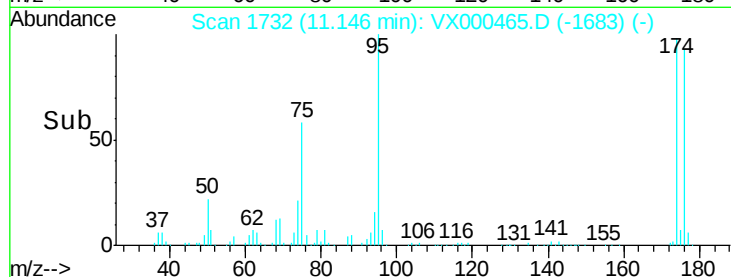
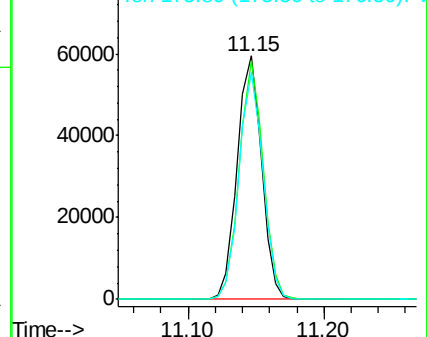
176 91.6 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000465.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000465.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000465.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000465.D

Acq: 27 Mar 2018 18:12

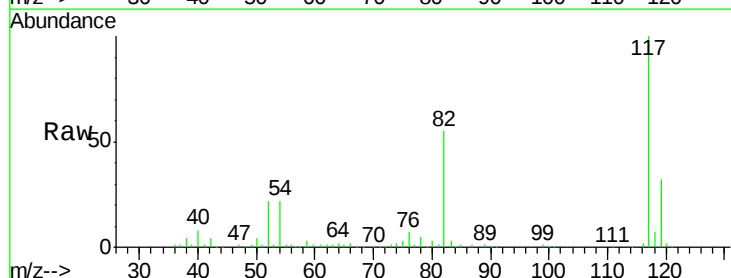
Tgt Ion: 117 Resp: 176041

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

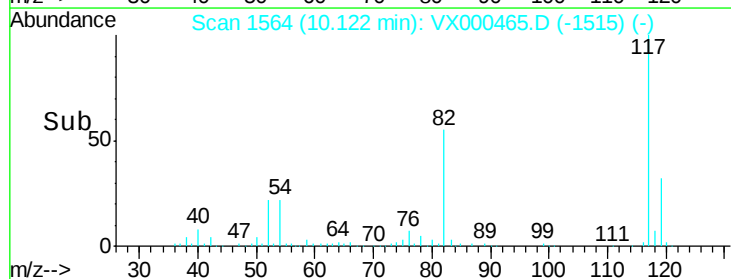
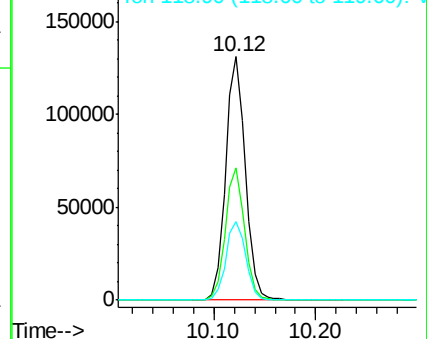
119 32.0 24.9 37.3

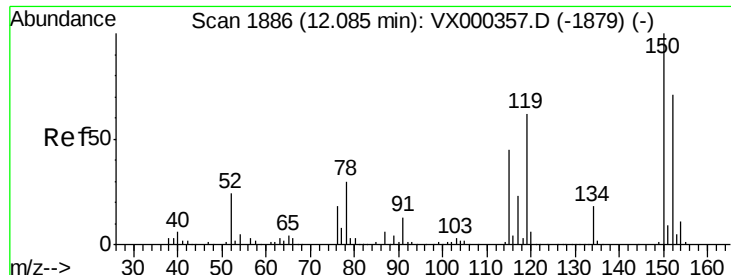


Abundance Ion 116.90 (116.60 to 117.60): VX000465.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000465.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000465.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000465.D

Acq: 27 Mar 2018 18:12

Instrument :

MSVOA_X

ClientSampleId :

RO-CV-2533

Tot Ion:152 Resp: 85767

Ion Ratio Lower Upper

152 100

115 58.1 39.8 119.3

150 161.1 0.0 344.4

