

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000469.D
 Acq On : 27 Mar 2018 19:54
 Operator : JC/MD
 Sample : J2068-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-CV-2043

Quant Time: Mar 28 07:48:27 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

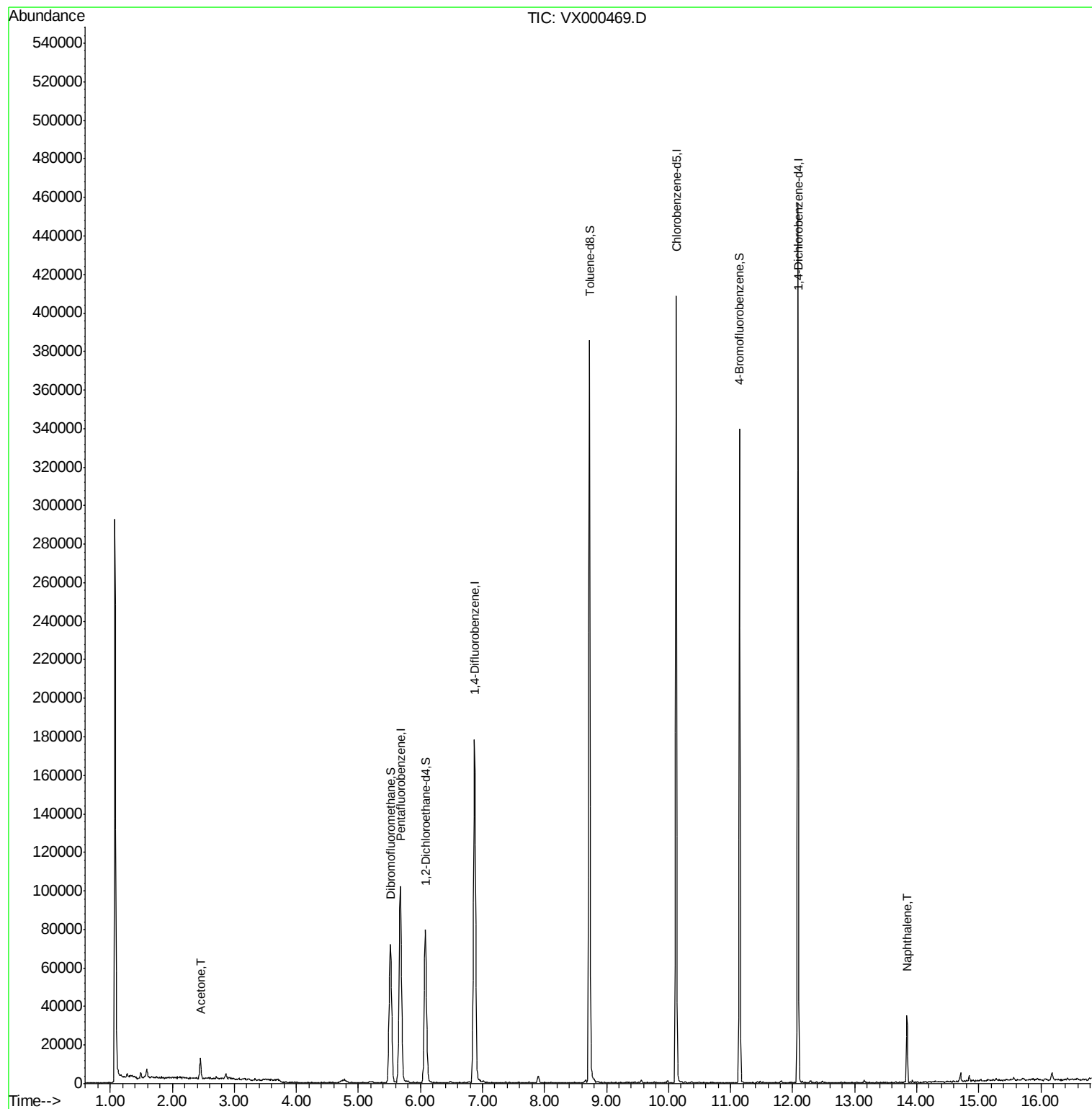
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	97743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	85001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	73223	57.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.78%	
35) Dibromofluoromethane	5.52	113	57324	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
50) Toluene-d8	8.73	98	224622	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.15	95	71674	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	
Target Compounds						
16) Acetone	2.45	43	10553	9.94	ug/l	96
95) Naphthalene	13.84	128	20218	2.91	ug/l	99

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000469.D

Acq: 27 Mar 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

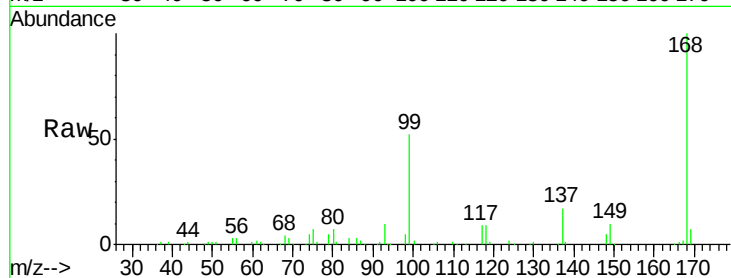
RO-CV-2043

Tot Ion:168 Resp: 97743

Ion Ratio Lower Upper

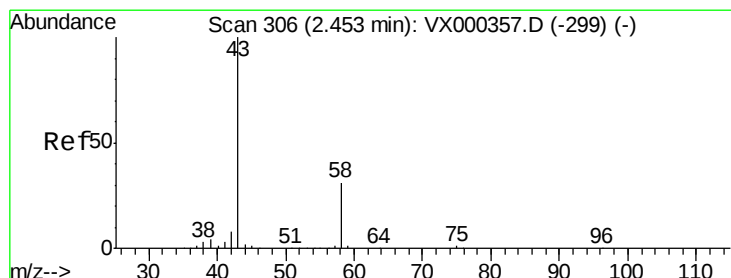
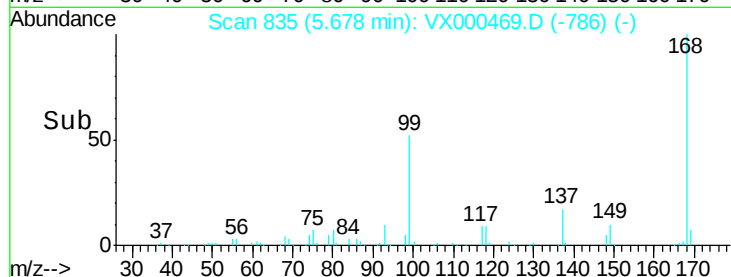
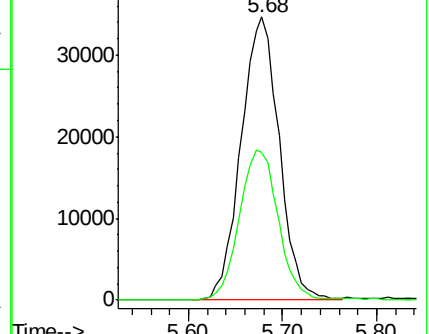
168 100

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



#16

Acetone

Concen: 9.94 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000469.D

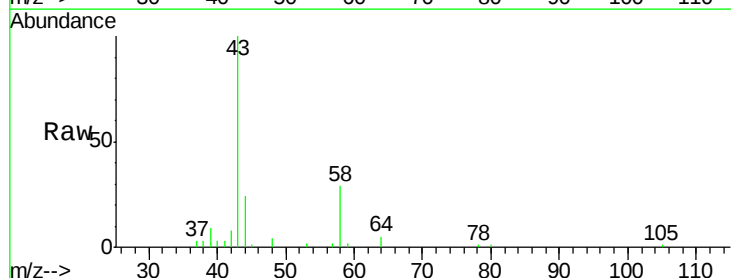
Acq: 27 Mar 2018 19:54

Tgt Ion: 43 Resp: 10553

Ion Ratio Lower Upper

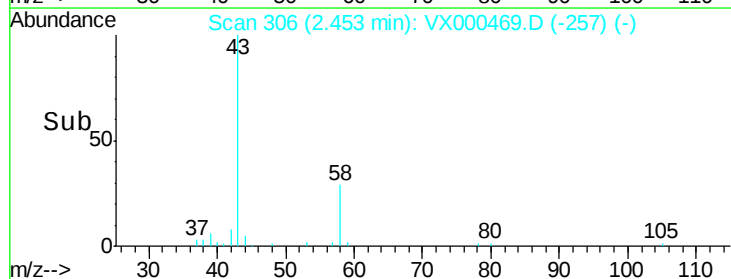
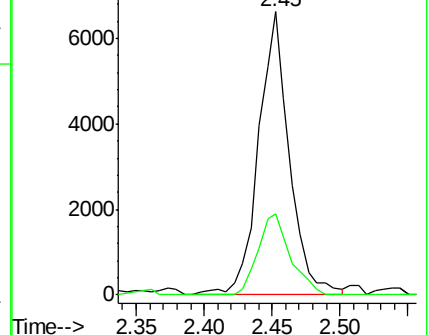
43 100

58 28.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 57.39 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000469.D

Acq: 27 Mar 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

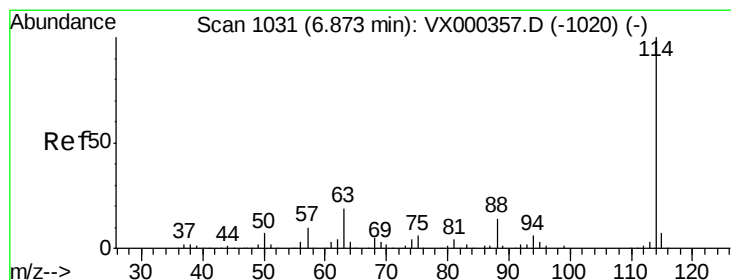
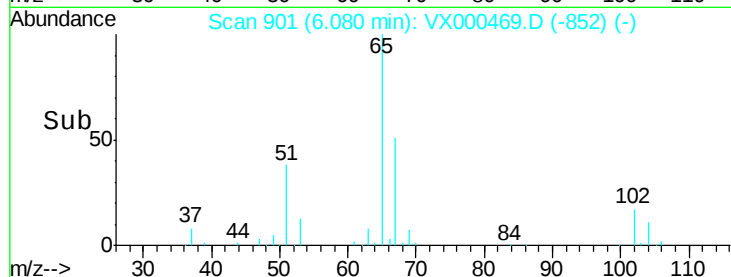
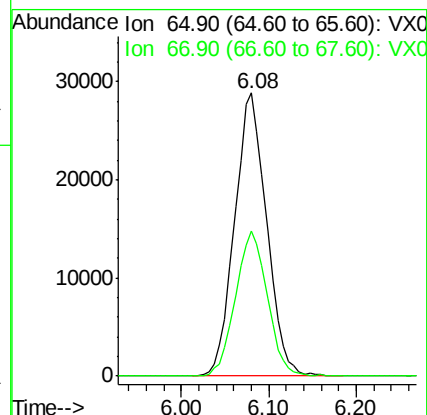
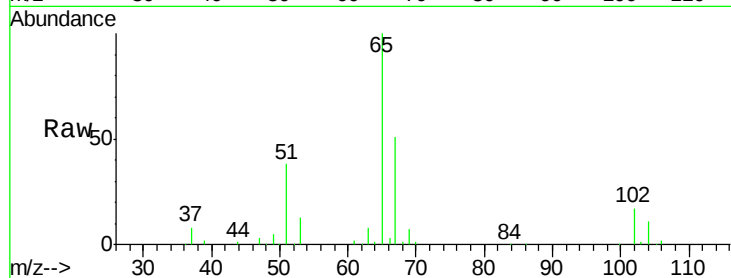
RO-CV-2043

Tot Ion: 65 Resp: 73223

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000469.D

Acq: 27 Mar 2018 19:54

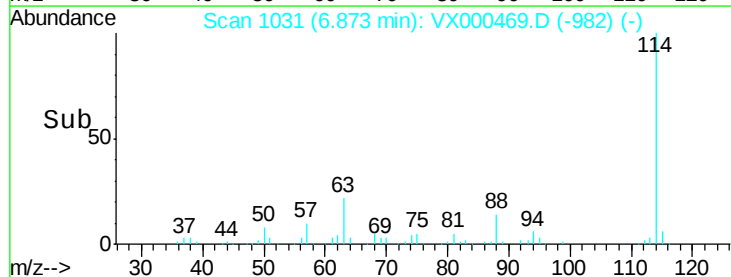
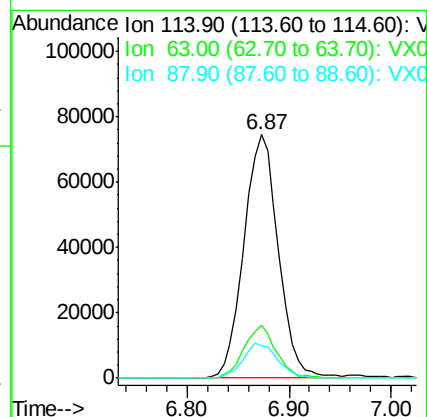
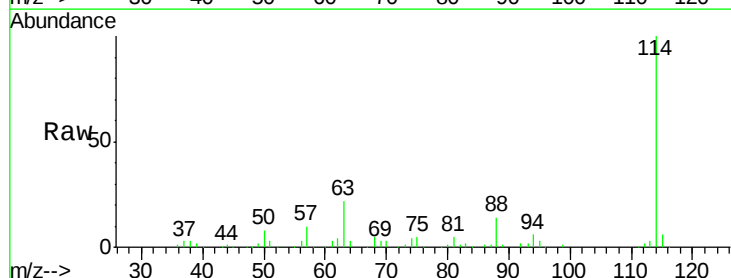
Tgt Ion: 114 Resp: 174874

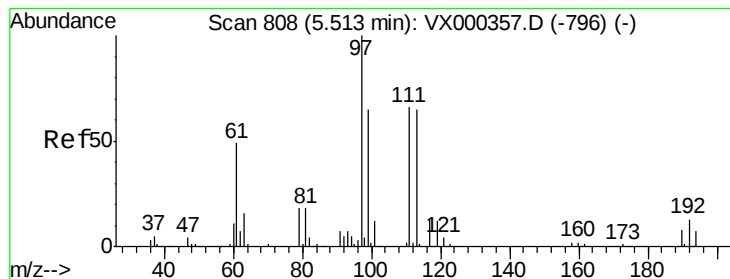
Ion Ratio Lower Upper

114 100

63 21.9 0.0 38.4

88 13.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 52.02 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000469.D

Acq: 27 Mar 2018 19:54

Instrument :

MSVOA_X

ClientSampled :

RO-CV-2043

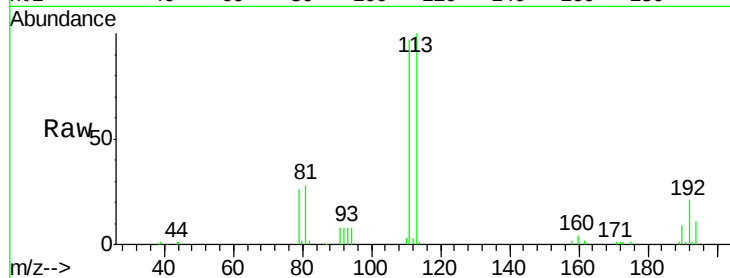
Tot Ion:113 Resp: 57324

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

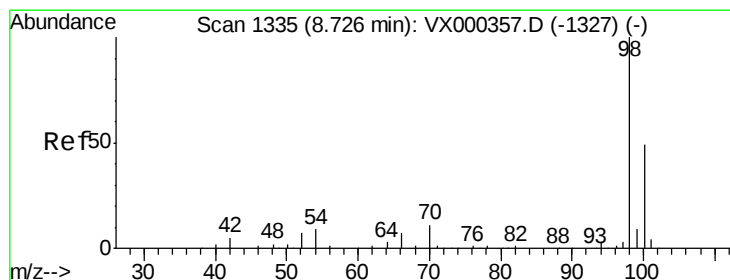
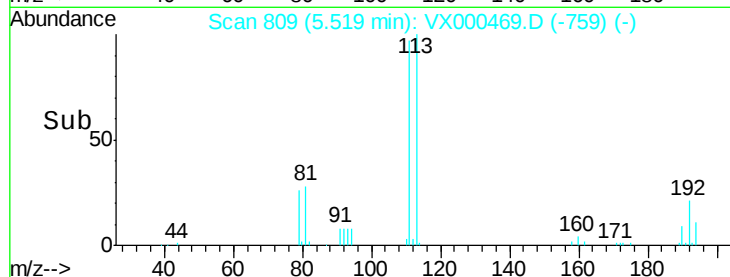
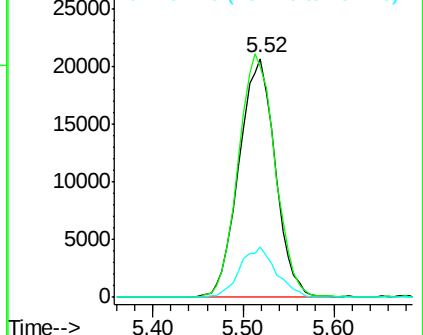
192 20.9 15.8 23.6



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: 49.22 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000469.D

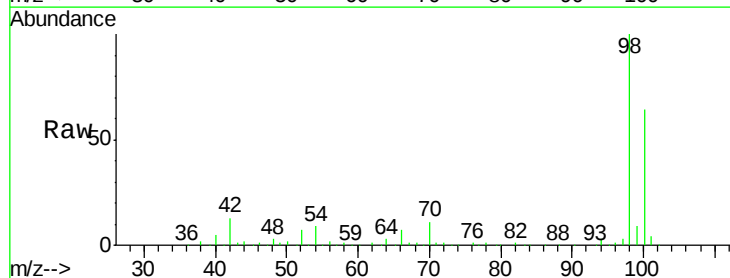
Acq: 27 Mar 2018 19:54

Tgt Ion: 98 Resp: 224622

Ion Ratio Lower Upper

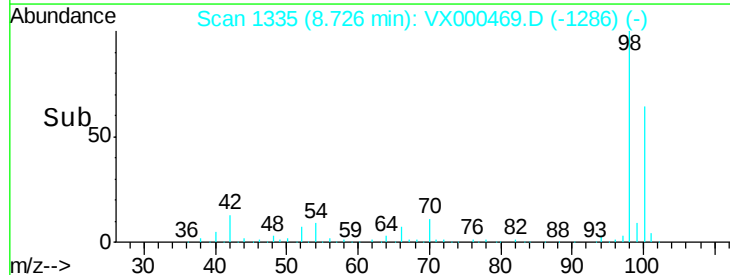
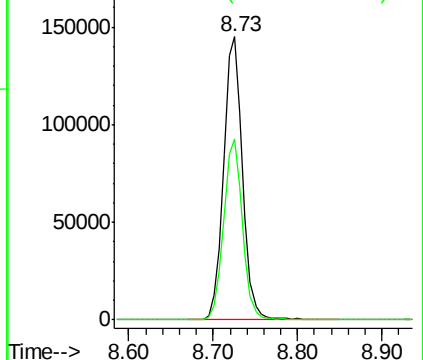
98 100

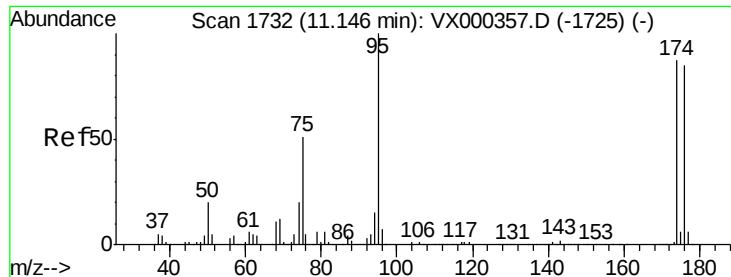
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 38.76 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000469.D

Acq: 27 Mar 2018 19:54

Instrument :

MSVOA_X

ClientSampleId :

RO-CV-2043

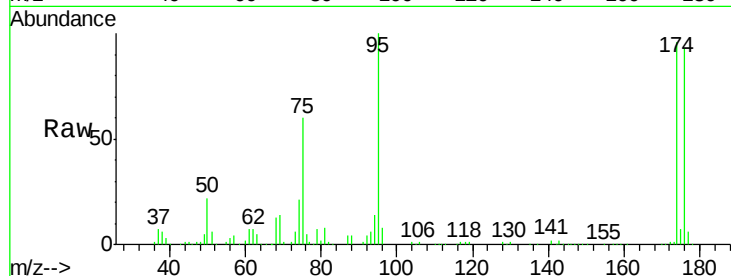
Tot Ion: 95 Resp: 71674

Ion Ratio Lower Upper

95 100

174 92.2 0.0 173.6

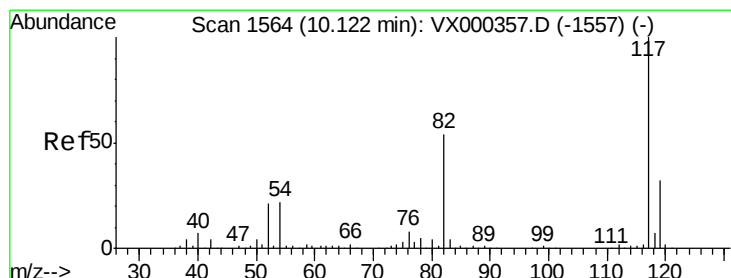
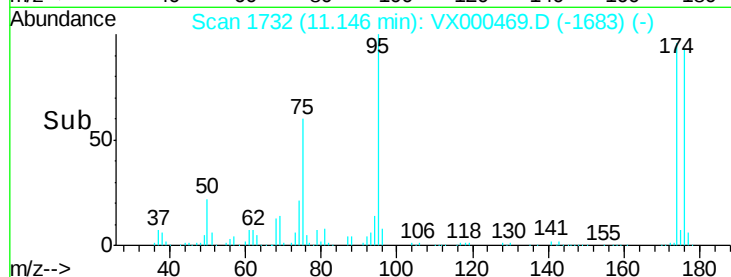
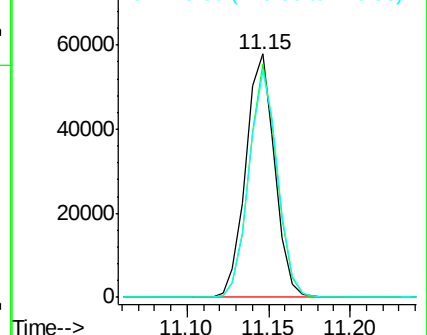
176 92.2 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000469.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000469.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000469.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000469.D

Acq: 27 Mar 2018 19:54

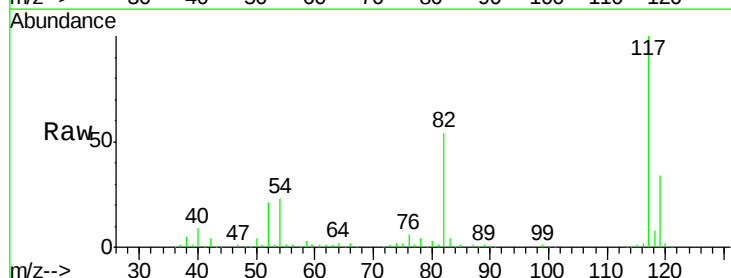
Tgt Ion: 117 Resp: 171069

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

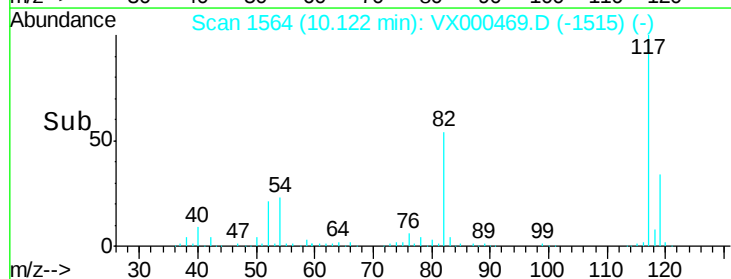
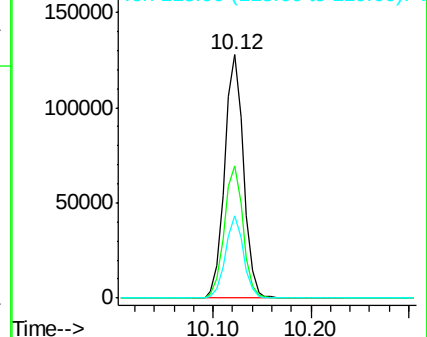
119 33.8 24.9 37.3

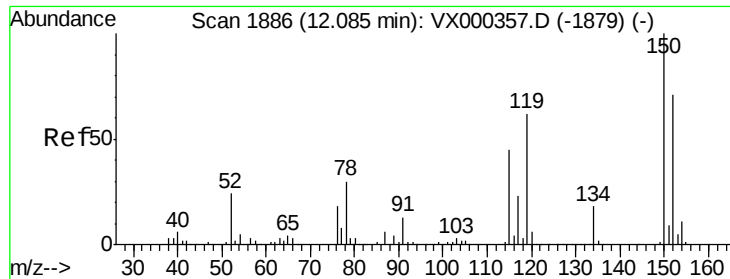


Abundance Ion 116.90 (116.60 to 117.60): VX000469.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000469.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000469.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: VX000469.D

Acq: 27 Mar 2018 19:54

Instrument :

MSVOA_X

ClientSampled :

RO-CV-2043

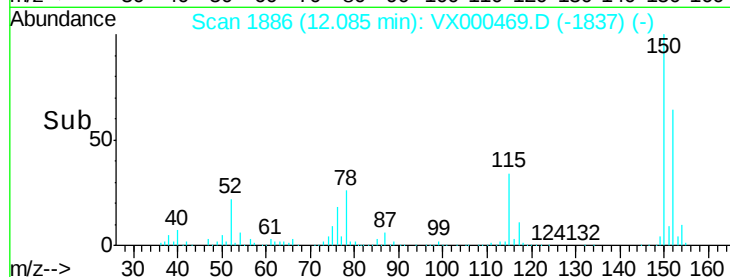
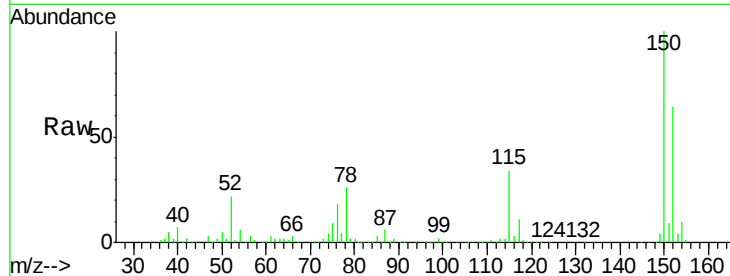
Tot Ion:152 Resp: 85001

Ion Ratio Lower Upper

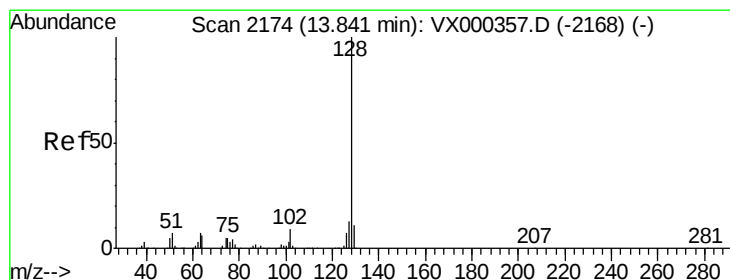
152 100

115 54.6 39.8 119.3

150 156.1 0.0 344.4



Time-->



#95

Naphthalene

Concen: 2.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000469.D

Acq: 27 Mar 2018 19:54

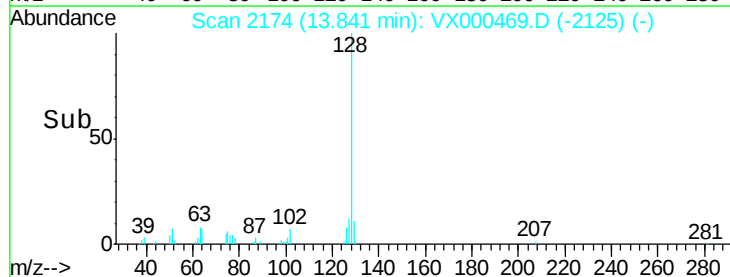
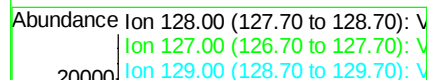
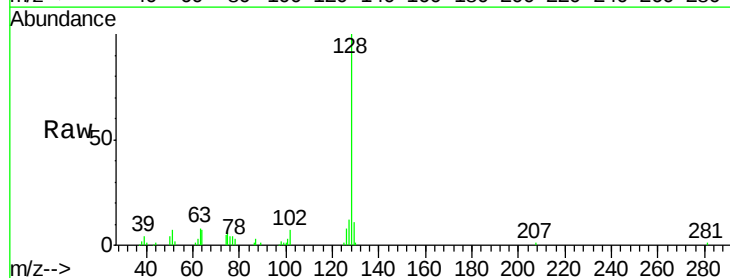
Tgt Ion:128 Resp: 20218

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.8 8.9 13.3



Time-->