

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000468.D
 Acq On : 27 Mar 2018 19:29
 Operator : JC/MD
 Sample : J2066-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-CV-2036

Quant Time: Mar 28 07:46:31 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

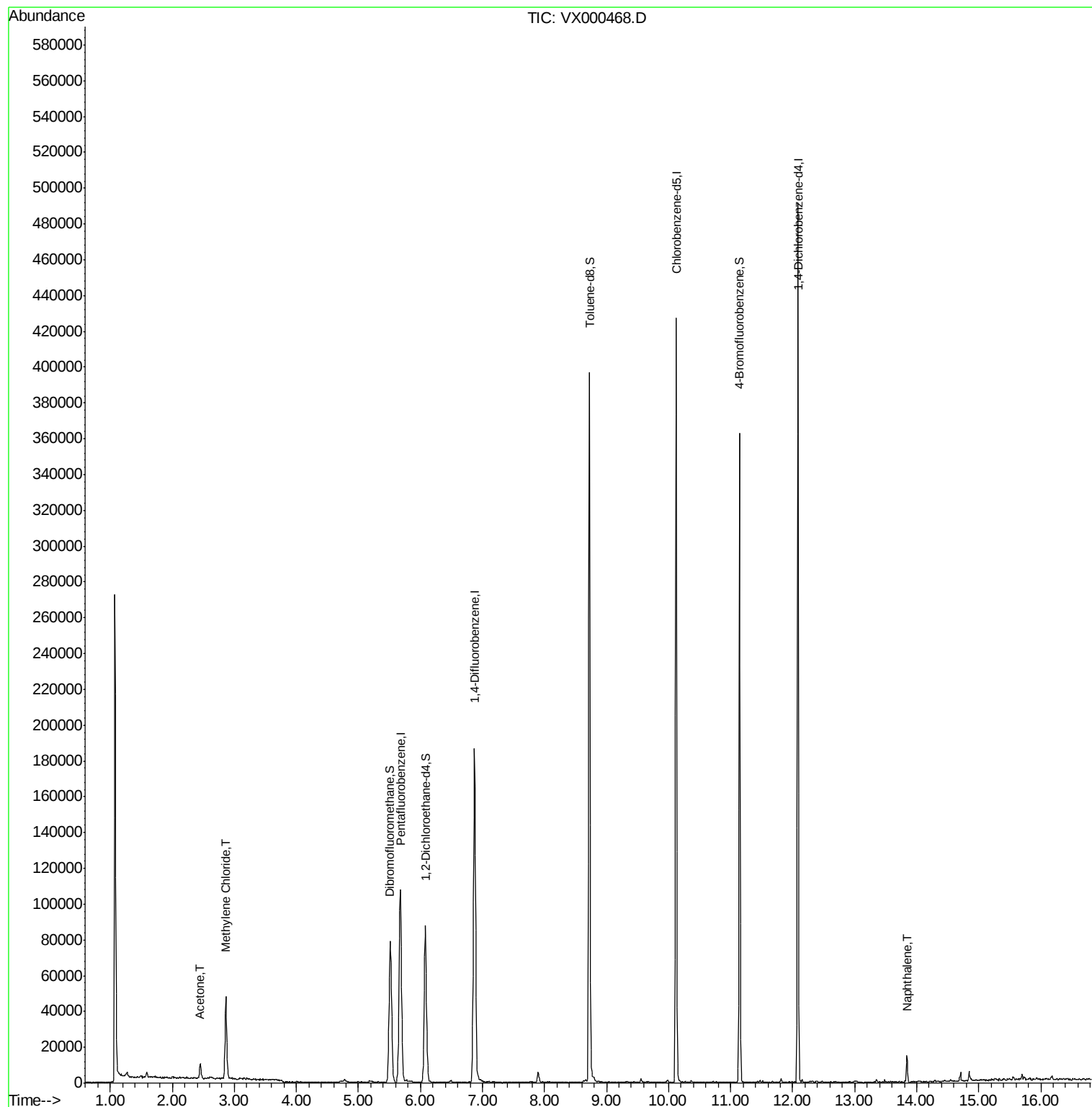
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	102586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	182074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	90841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	77820	58.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.22%	
35) Dibromofluoromethane	5.51	113	61280	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
50) Toluene-d8	8.73	98	234022	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.15	95	78622	39.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.68%	
Target Compounds						
16) Acetone	2.45	43	9444	8.48	ug/l	99
20) Methylene Chloride	2.86	84	20714	16.10	ug/l	89
95) Naphthalene	13.84	128	8577	1.16	ug/l	96

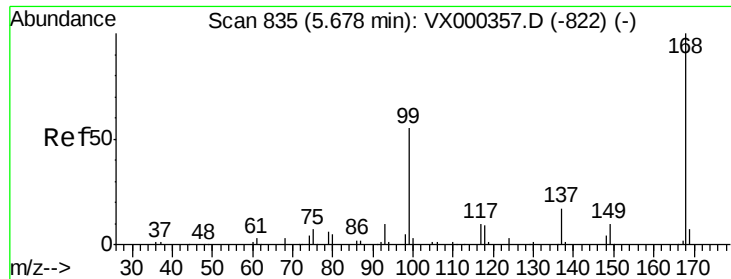
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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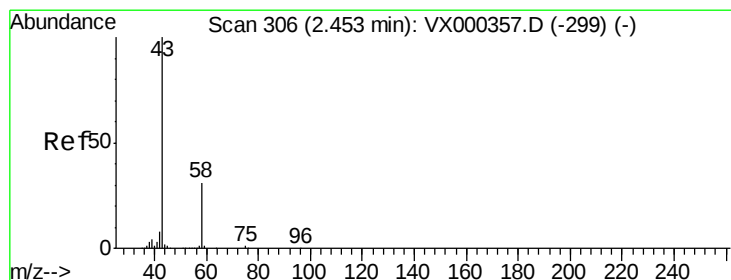
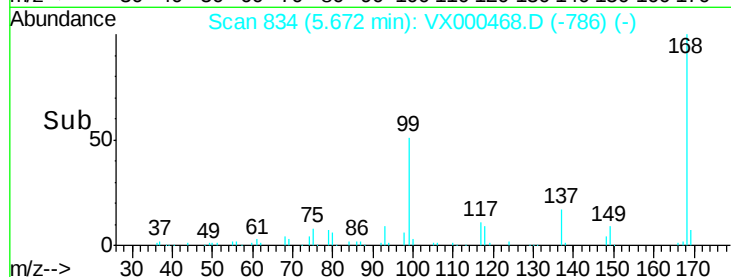
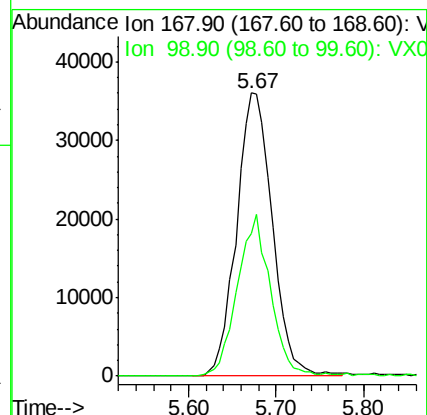
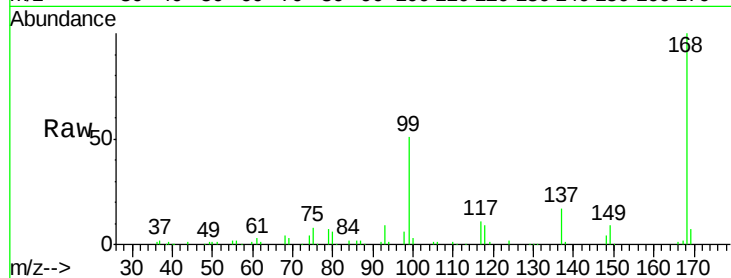




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000468.D
Acq: 27 Mar 2018 19:29

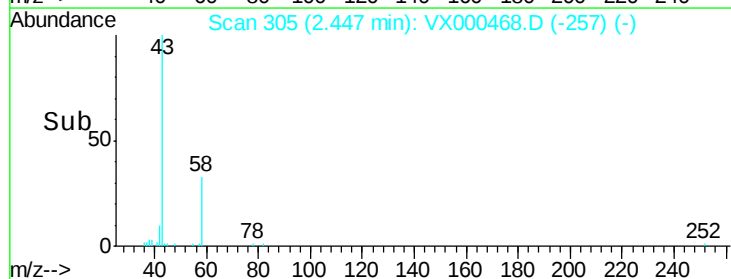
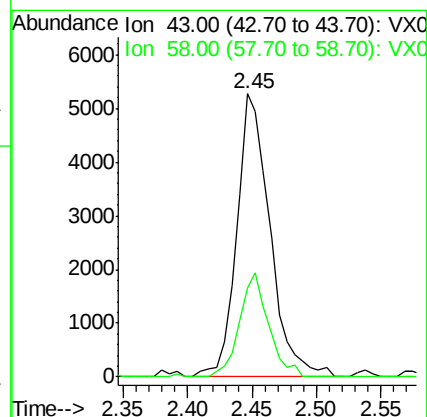
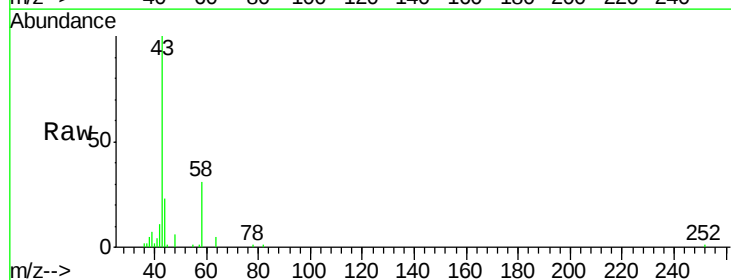
Instrument :
MSVOA_X
ClientSampleId :
RO-CV-2036

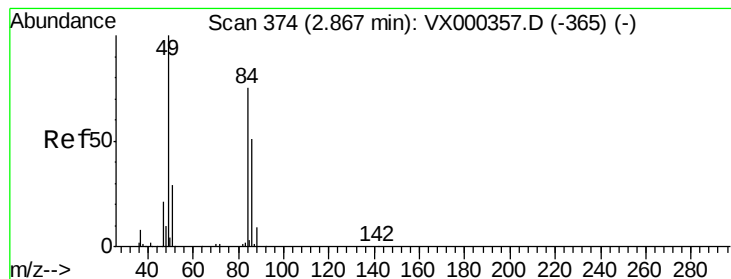
Tot Ion:168 Resp: 102586
Ion Ratio Lower Upper
168 100
99 50.5 45.8 68.6



#16
Acetone
Concen: 8.48 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000468.D
Acq: 27 Mar 2018 19:29

Tgt Ion: 43 Resp: 9444
Ion Ratio Lower Upper
43 100
58 31.4 24.7 37.1





#20

Methylene Chloride

Concen: 16.10 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000468.D

Acq: 27 Mar 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

RO-CV-2036

Tot Ion: 84 Resp: 20714

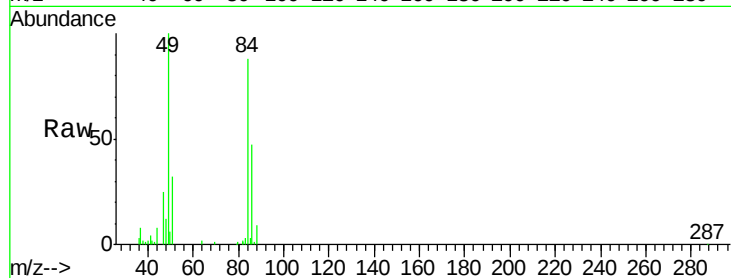
Ion Ratio Lower Upper

84 100

49 113.7 100.6 151.0

51 36.9 31.6 47.4

86 53.4 52.6 78.8

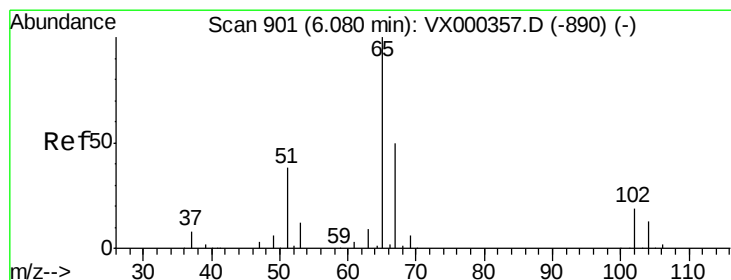
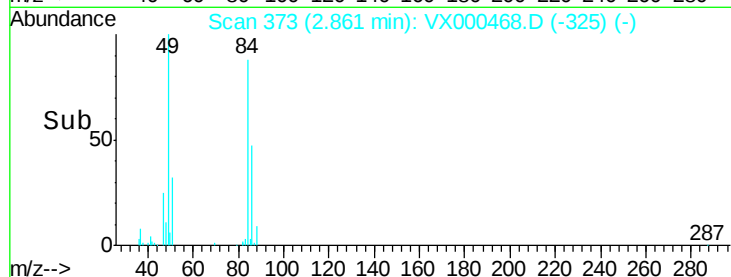
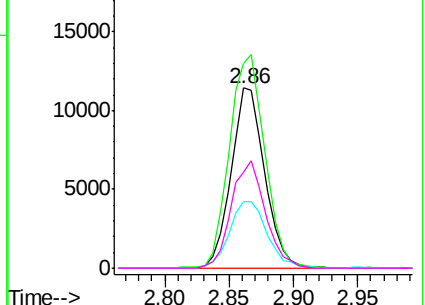


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.11 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000468.D

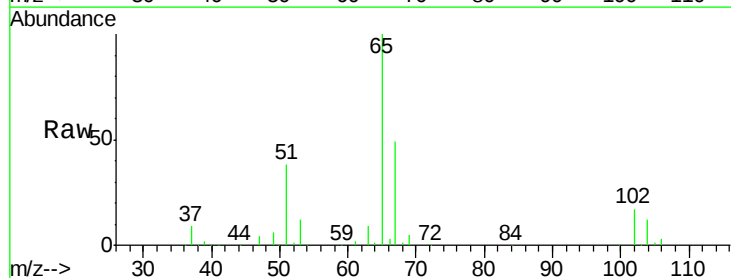
Acq: 27 Mar 2018 19:29

Tgt Ion: 65 Resp: 77820

Ion Ratio Lower Upper

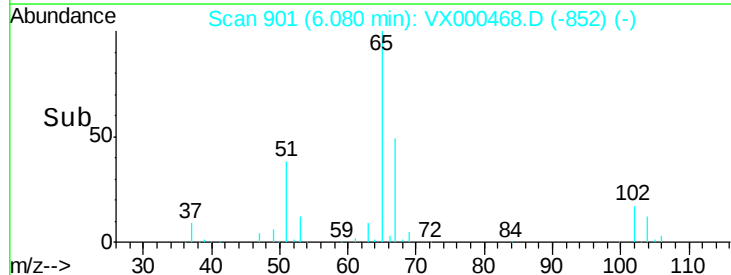
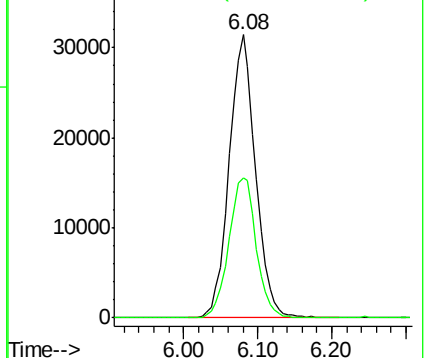
65 100

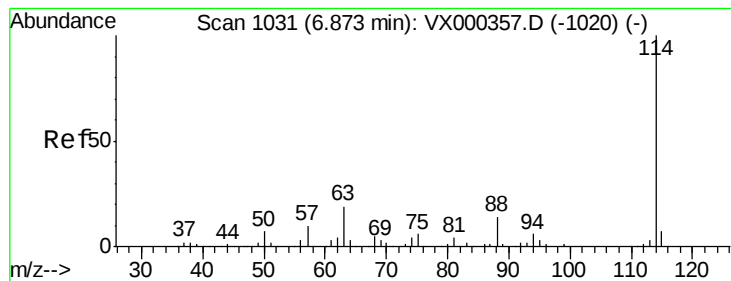
67 51.3 0.0 103.2



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: VX000468.D

Acq: 27 Mar 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

RO-CV-2036

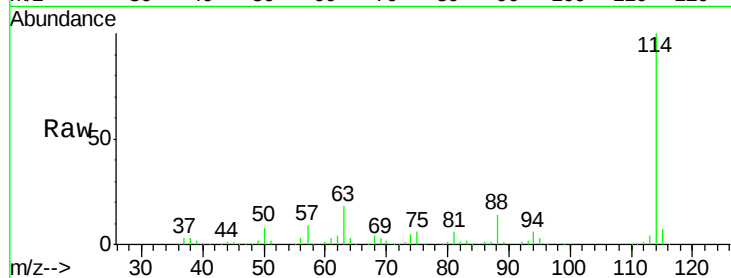
Tot Ion:114 Resp: 185653

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

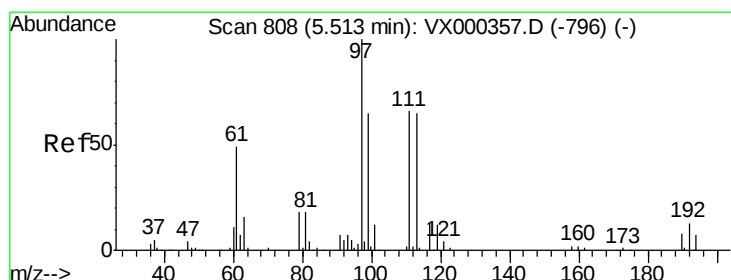
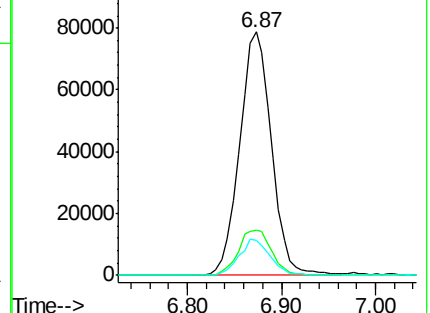
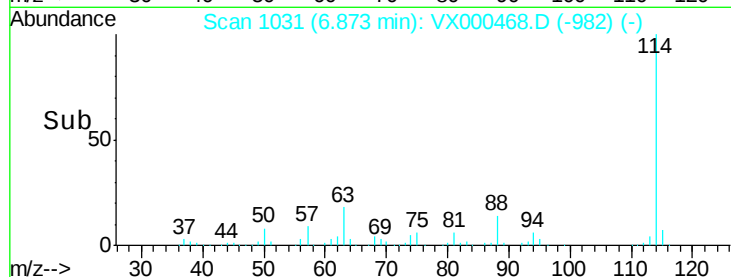
88 14.4 0.0 27.0



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: 52.39 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000468.D

Acq: 27 Mar 2018 19:29

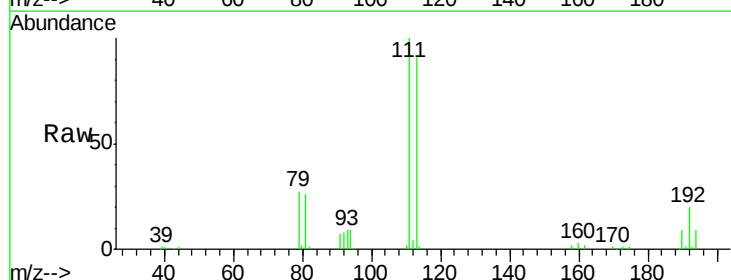
Tgt Ion:113 Resp: 61280

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

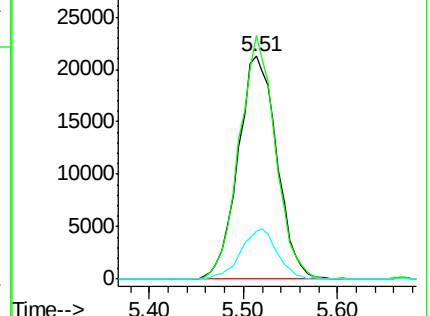
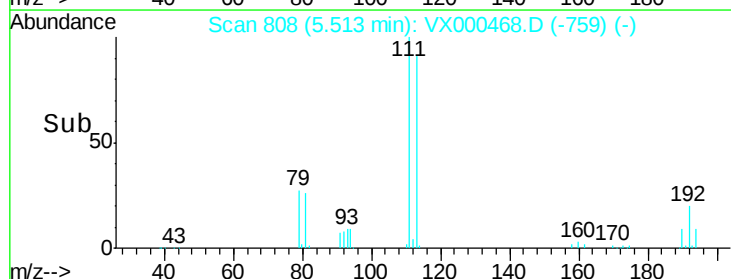
192 21.1 15.8 23.6

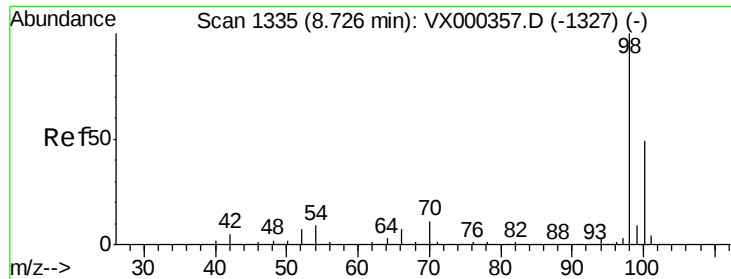


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.30 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000468.D

Acq: 27 Mar 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

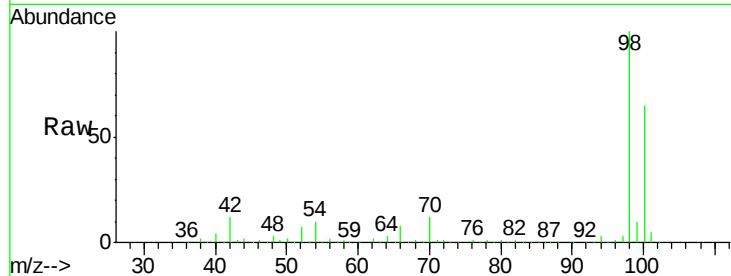
RO-CV-2036

Tot Ion: 98 Resp: 234022

Ion Ratio Lower Upper

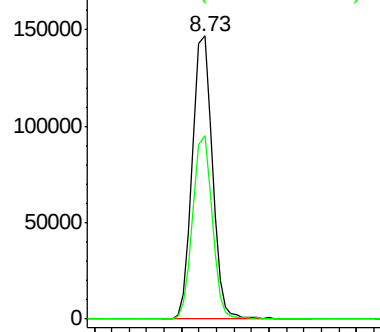
98 100

100 63.6 51.2 76.8

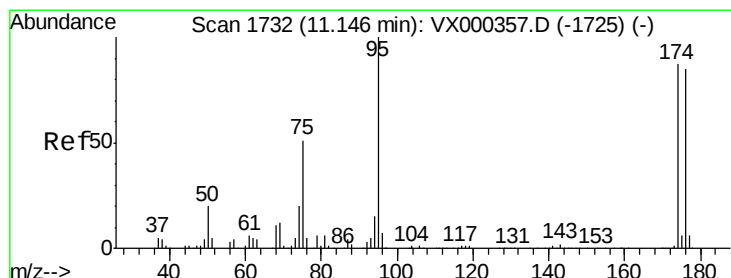
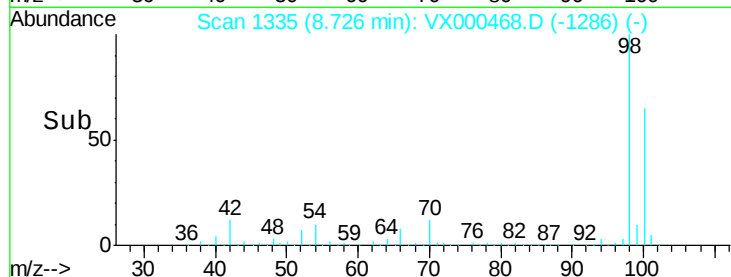


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 39.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000468.D

Acq: 27 Mar 2018 19:29

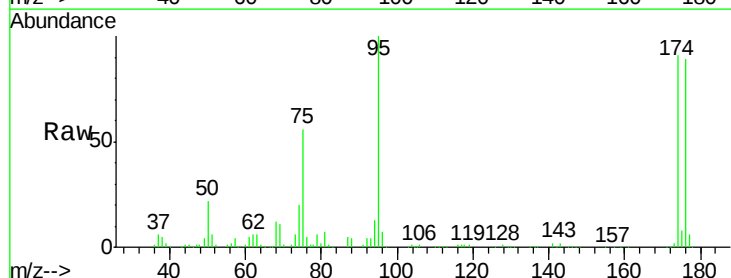
Tgt Ion: 95 Resp: 78622

Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

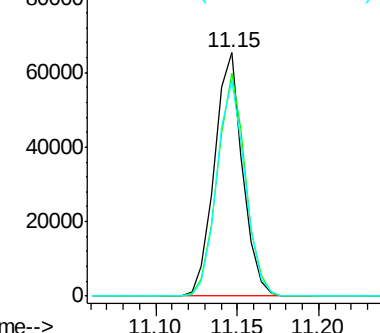
176 89.0 0.0 164.6



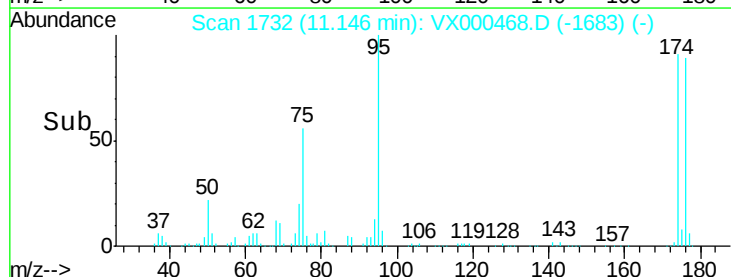
Abundance Ion 94.90 (94.60 to 95.60): VX0

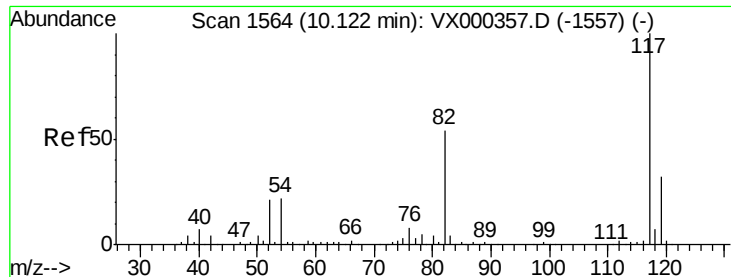
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 11.10 11.15 11.20

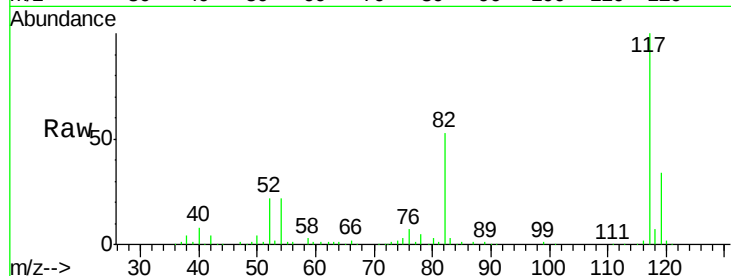




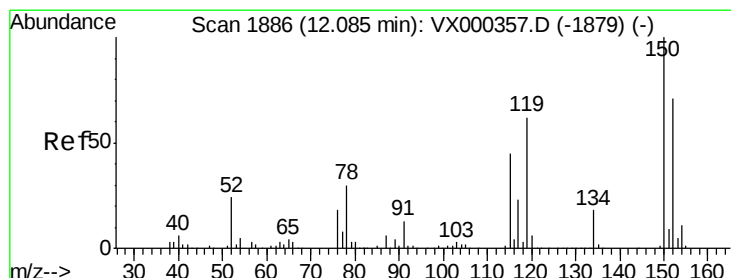
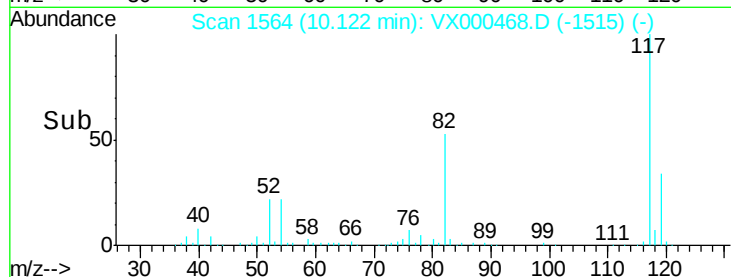
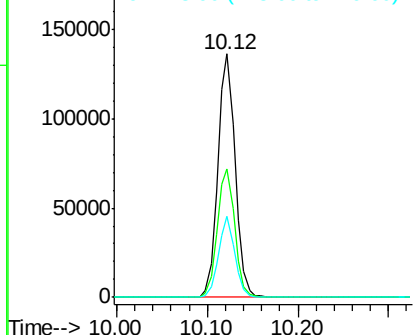
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000468.D
Acq: 27 Mar 2018 19:29

Instrument :
MSVOA_X
ClientSampled :
RO-CV-2036

Tot Ion:117 Resp: 182074
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.8
119 33.5 24.9 37.3

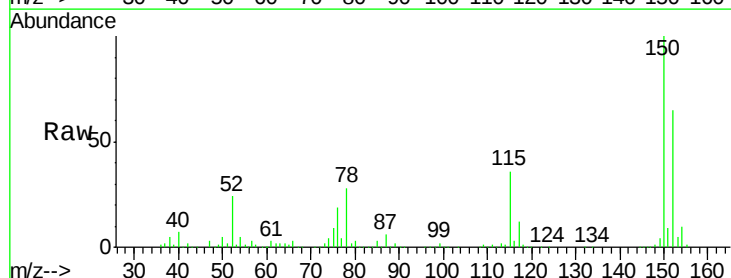


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

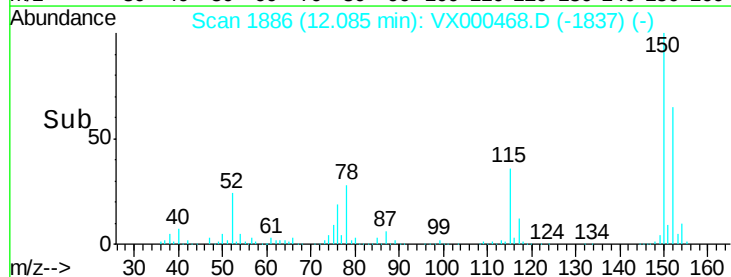
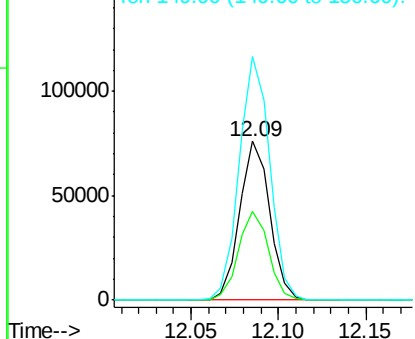


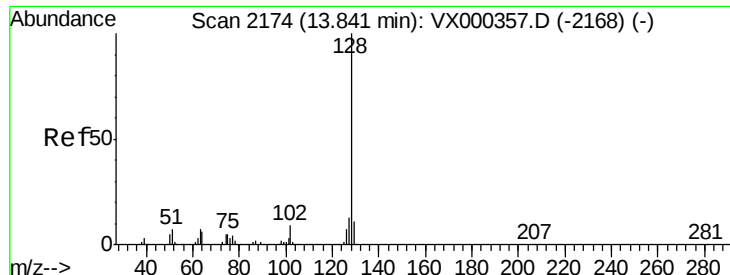
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000468.D
Acq: 27 Mar 2018 19:29

Tgt Ion:152 Resp: 90841
Ion Ratio Lower Upper
152 100
115 55.7 39.8 119.3
150 155.8 0.0 344.4



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





#95

Naphthalene

Concen: 1.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000468.D

Acq: 27 Mar 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

RO-CV-2036

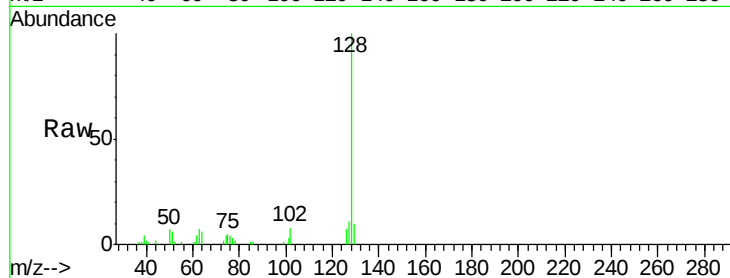
Tot Ion:128 Resp: 8577

Ion Ratio Lower Upper

128 100

127 14.1 10.6 15.8

129 13.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

