

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001954.D
 Acq On : 24 May 2018 21:11
 Operator : JC/MD
 Sample : J3075-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-4-1

Quant Time: May 25 04:23:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

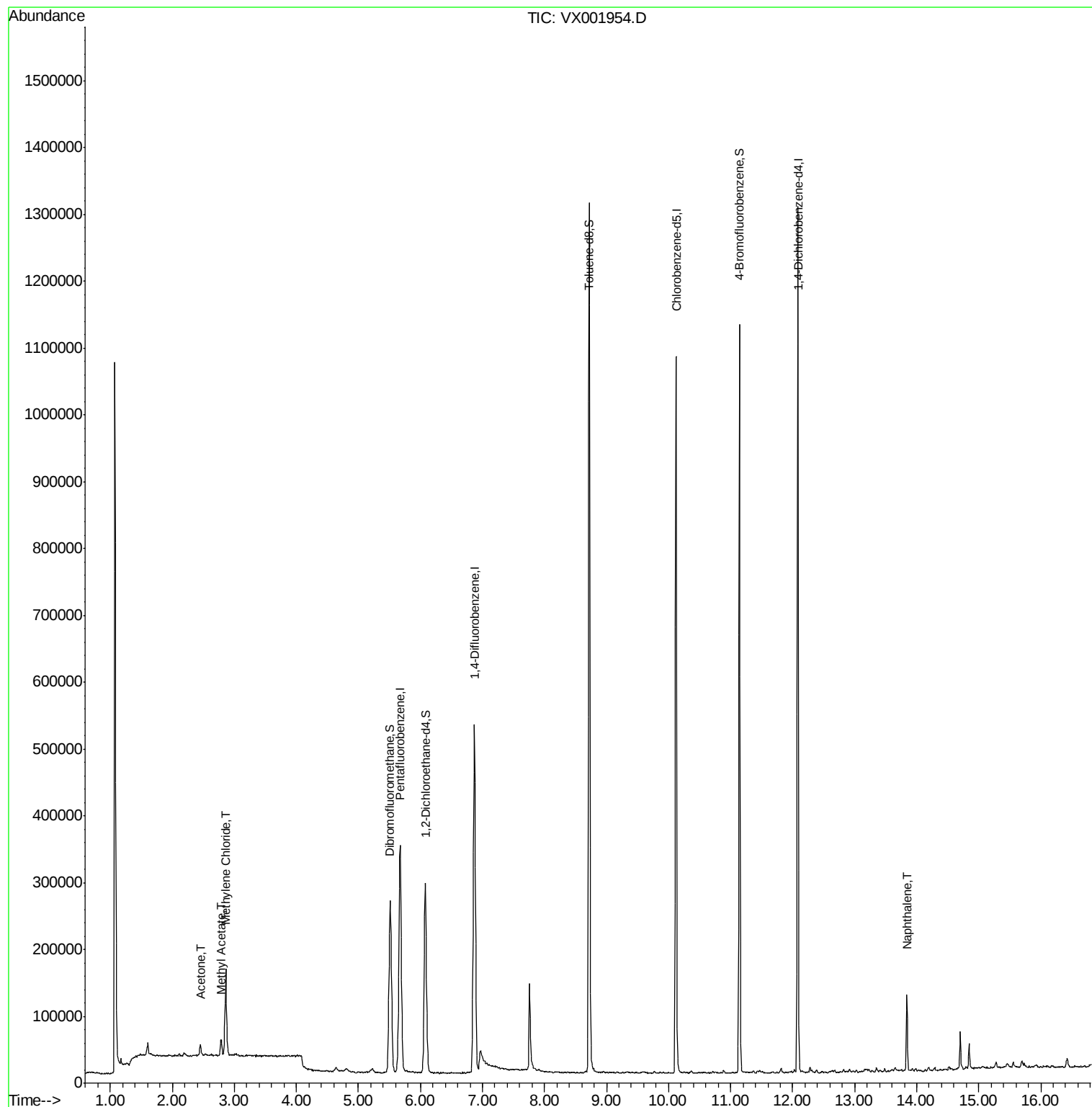
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	526626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	486611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	259970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	269894	43.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	210268	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
50) Toluene-d8	8.72	98	757072	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
62) 4-Bromofluorobenzene	11.14	95	280052	37.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.08%	
Target Compounds						
16) Acetone	2.45	43	18952	8.00	ug/l	97
18) Methyl Acetate	2.79	43	31863	4.55	ug/l	98
20) Methylene Chloride	2.86	84	58227	12.96	ug/l	98
95) Naphthalene	13.84	128	68133	2.90	ug/l	99

(#) = 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. -0.00 min

Lab File: VX001954.D

Acq: 24 May 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

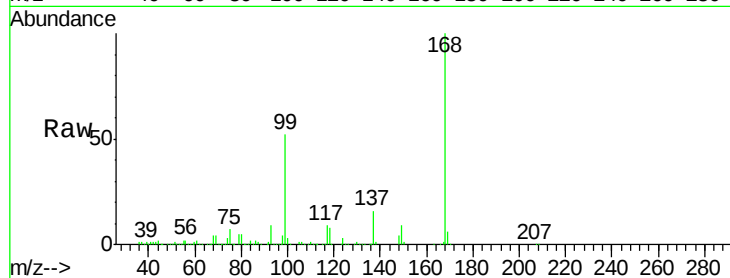
RO-4-1

Tot Ion:168 Resp: 343309

Ion Ratio Lower Upper

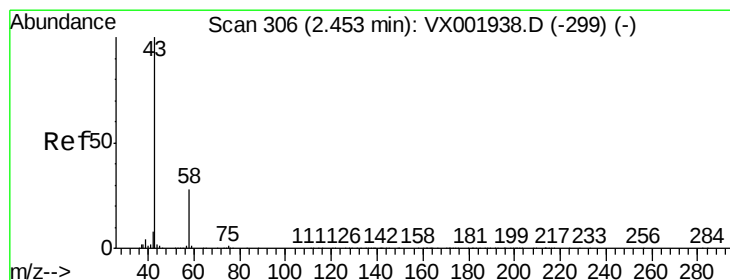
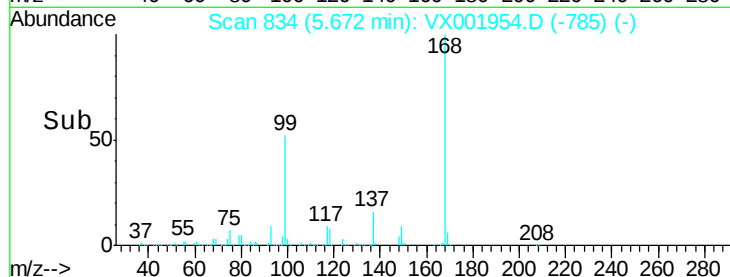
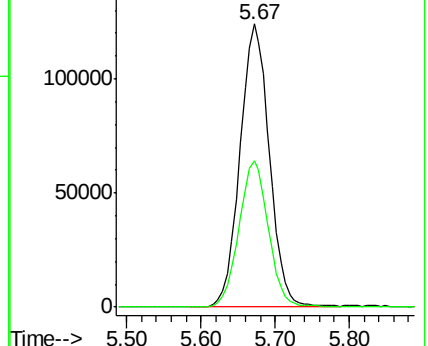
168 100

99 51.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.00 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001954.D

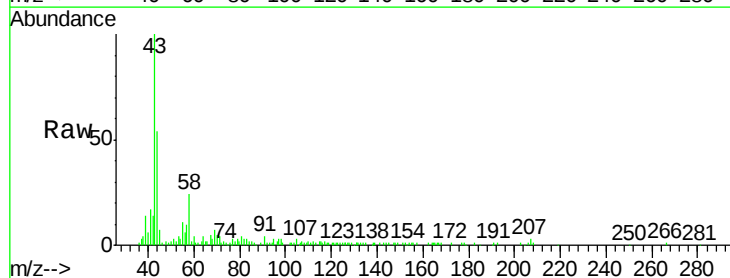
Acq: 24 May 2018 21:11

Tgt Ion: 43 Resp: 18952

Ion Ratio Lower Upper

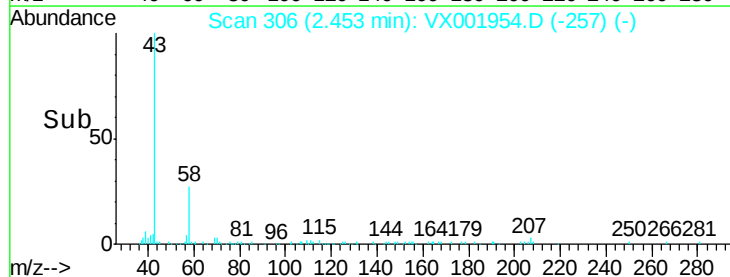
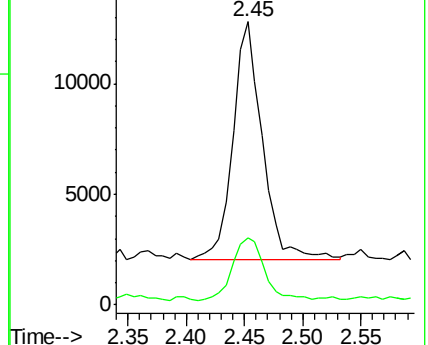
43 100

58 26.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

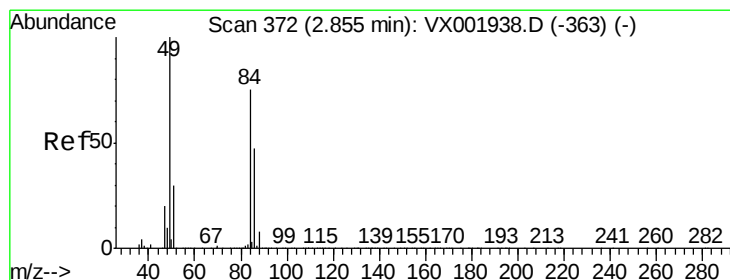
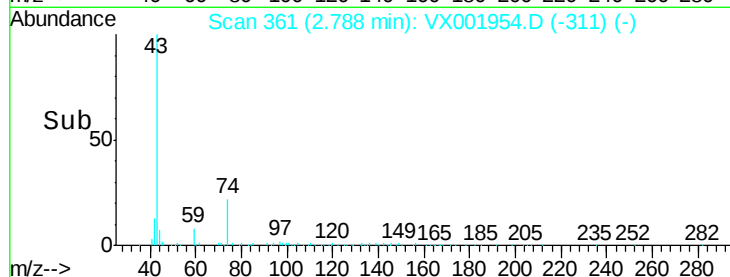
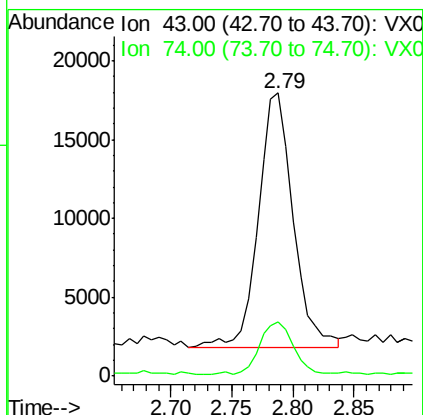
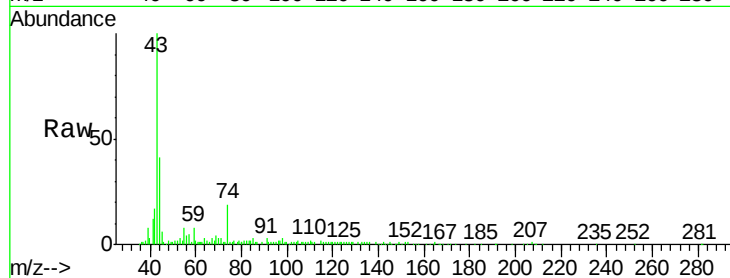




#18
Methyl Acetate
Concen: 4.55 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001954.D
Acq: 24 May 2018 21:11

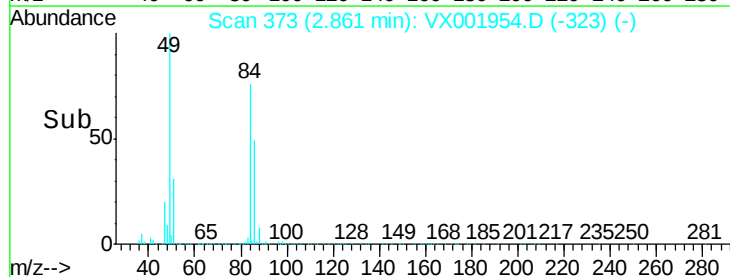
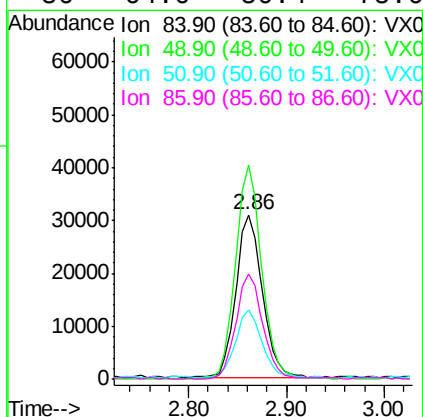
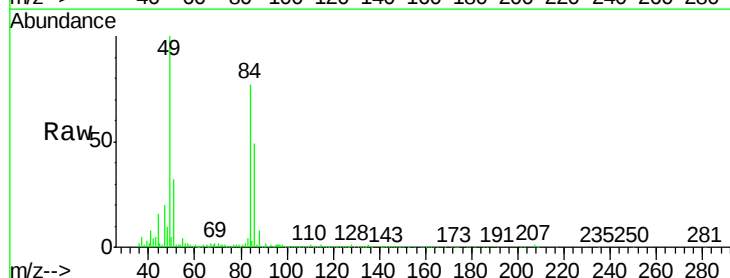
Instrument :
MSVOA_X
ClientSampled :
RO-4-1

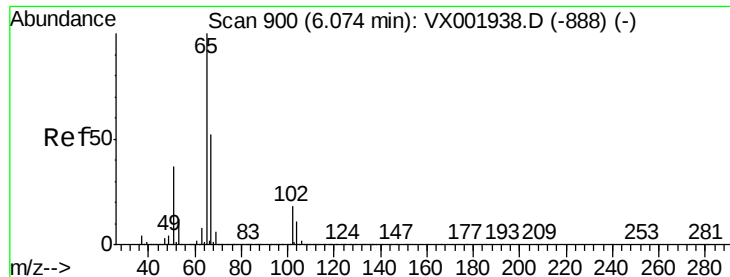
Tot Ion: 43 Resp: 31863
Ion Ratio Lower Upper
43 100
74 19.9 16.8 25.2



#20
Methylene Chloride
Concen: 12.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001954.D
Acq: 24 May 2018 21:11

Tgt Ion: 84 Resp: 58227
Ion Ratio Lower Upper
84 100
49 130.9 107.2 160.8
51 41.4 32.4 48.6
86 64.0 50.4 75.6

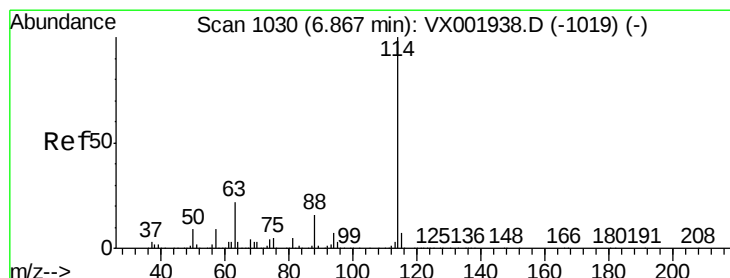
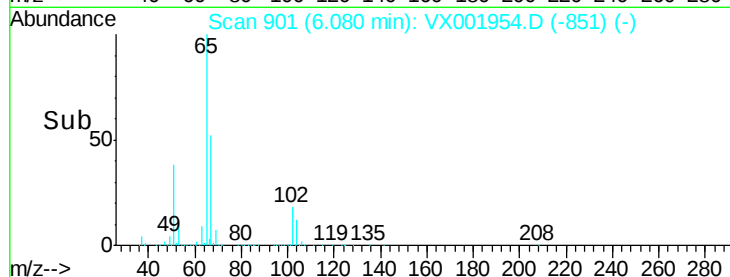
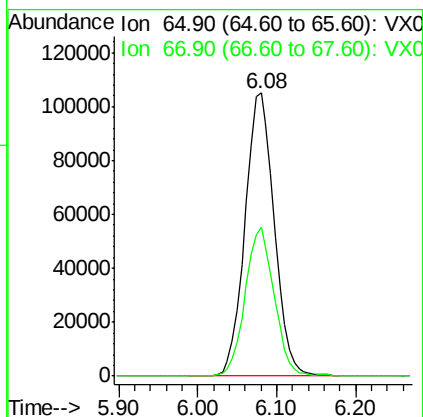
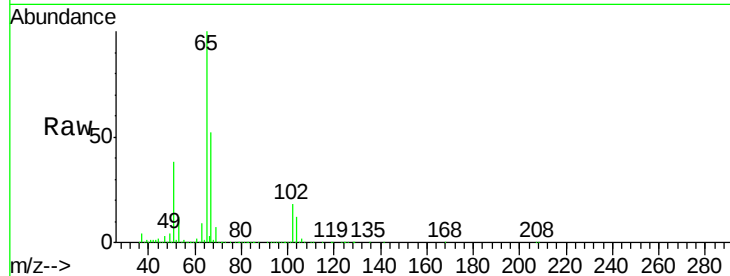




#33
 1,2-Dichloroethane-d4
 Concen: 43.98 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001954.D
 Acq: 24 May 2018 21:11

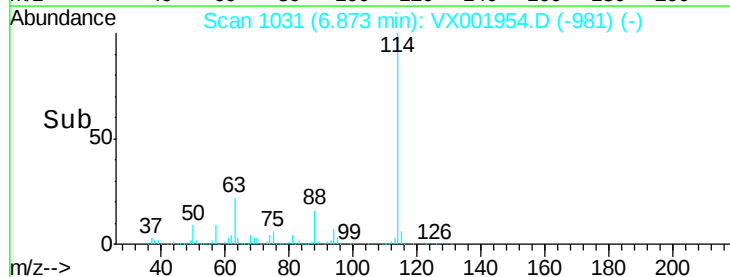
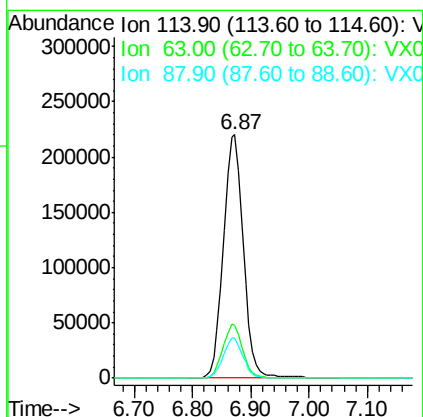
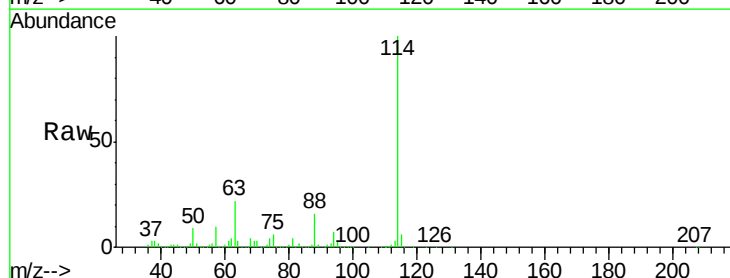
Instrument :
 MSVOA_X
 ClientSampleId :
 RO-4-1

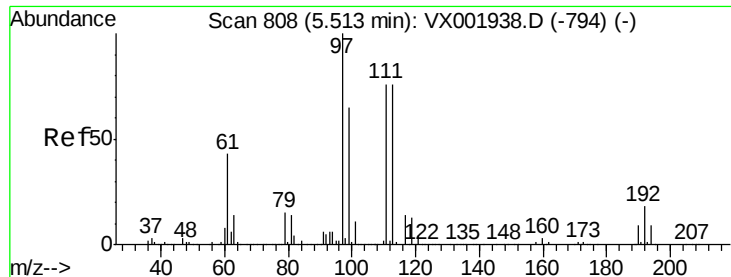
Tot Ion: 65 Resp: 269894
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001954.D
 Acq: 24 May 2018 21:11

Tgt Ion: 114 Resp: 526626
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 39.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001954.D

Acq: 24 May 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

RO-4-1

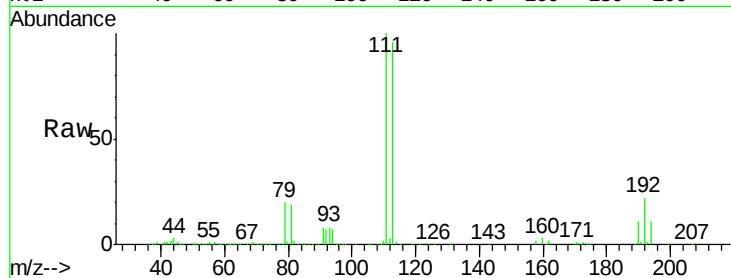
Tot Ion:113 Resp: 210268

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

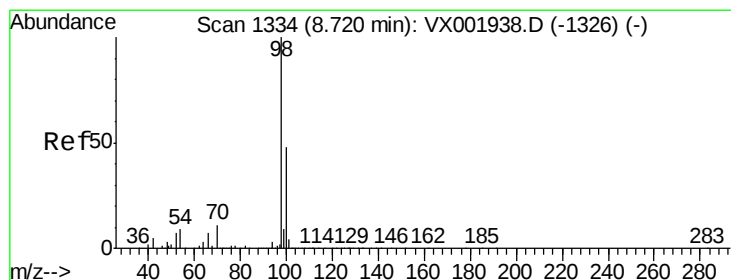
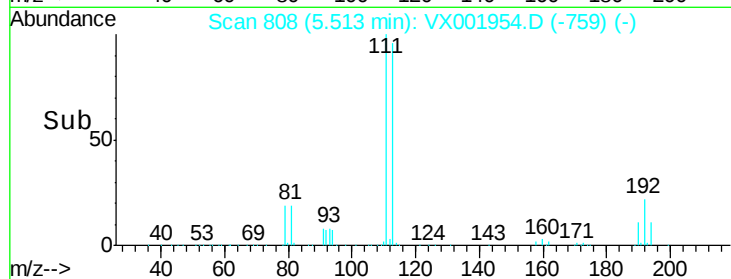
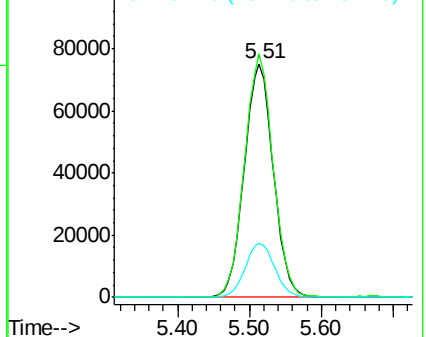
192 23.6 18.9 28.3



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: 39.71 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001954.D

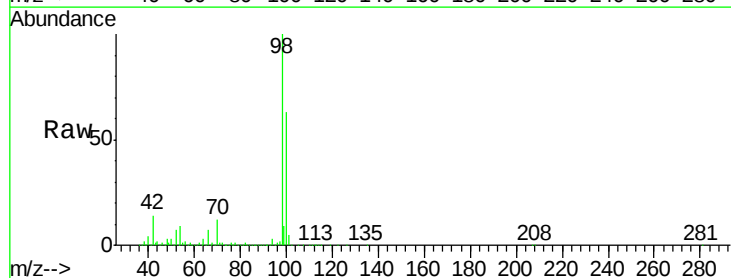
Acq: 24 May 2018 21:11

Tgt Ion: 98 Resp: 757072

Ion Ratio Lower Upper

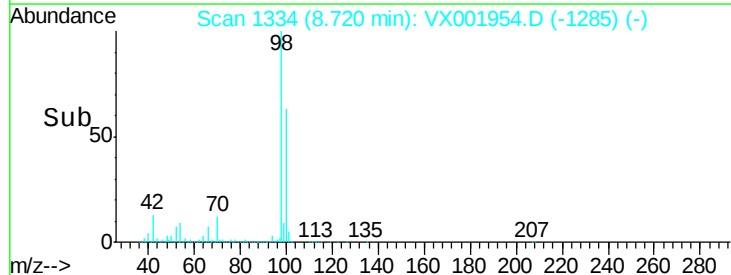
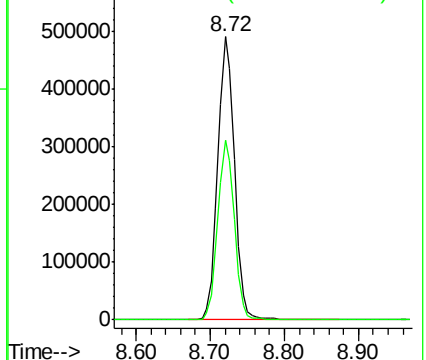
98 100

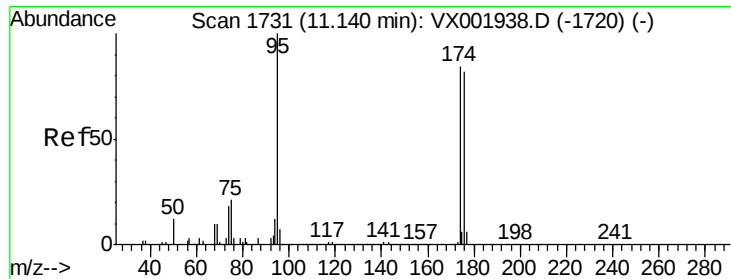
100 63.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 37.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001954.D

Acq: 24 May 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

RO-4-1

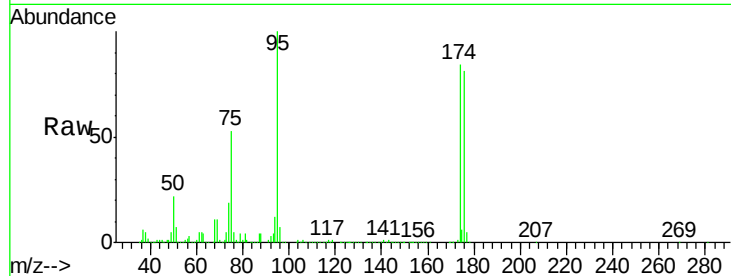
Tot Ion: 95 Resp: 280052

Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.8

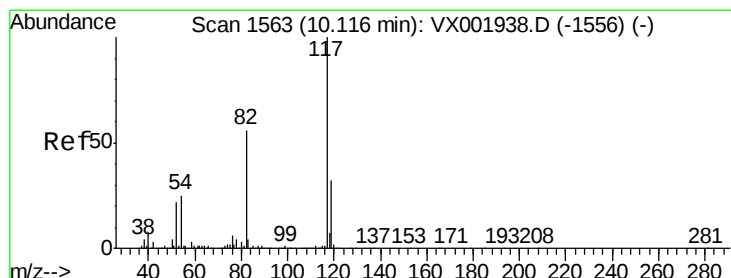
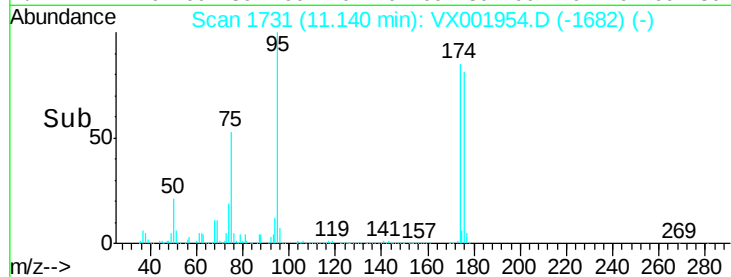
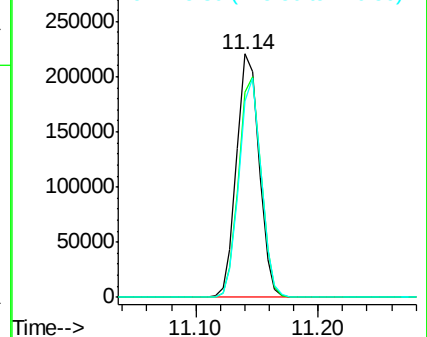
176 88.6 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001954.D

Acq: 24 May 2018 21:11

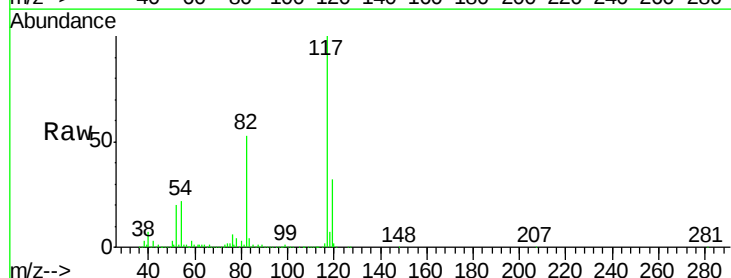
Tgt Ion: 117 Resp: 486611

Ion Ratio Lower Upper

117 100

82 53.3 44.8 67.2

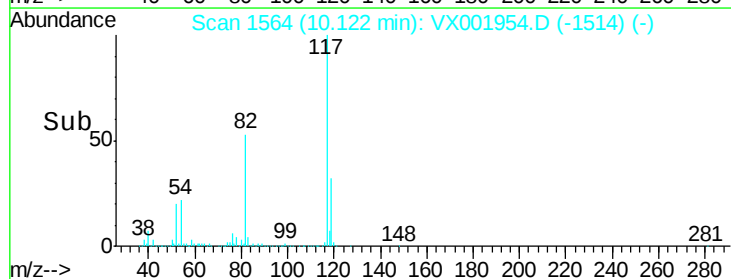
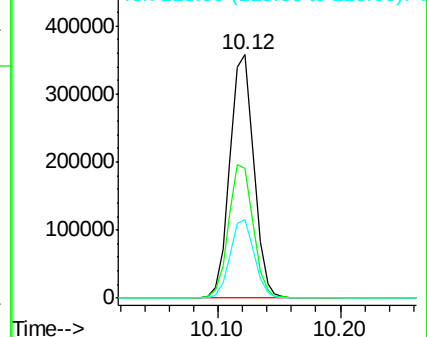
119 32.1 25.5 38.3

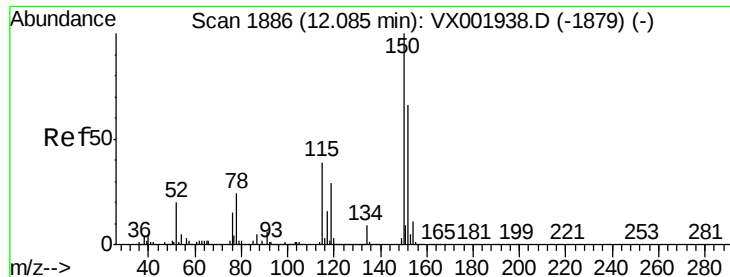


Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001954.D

Acq: 24 May 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

RO-4-1

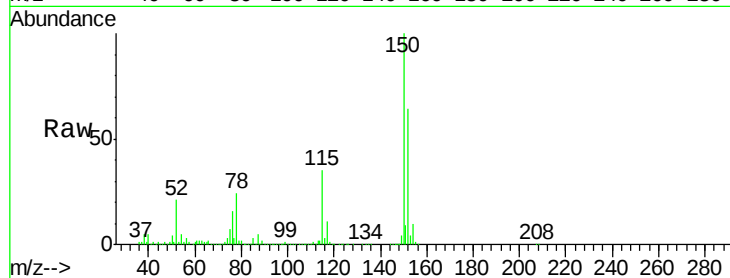
Tot Ion:152 Resp: 259970

Ion Ratio Lower Upper

152 100

115 56.5 42.3 126.8

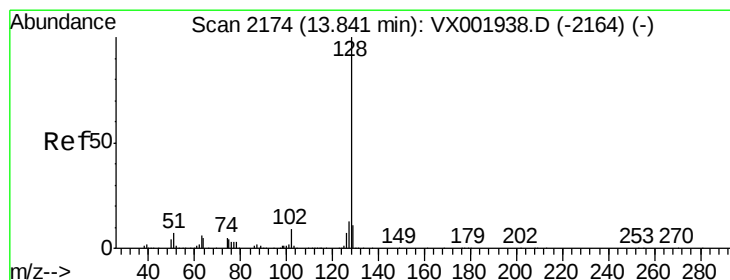
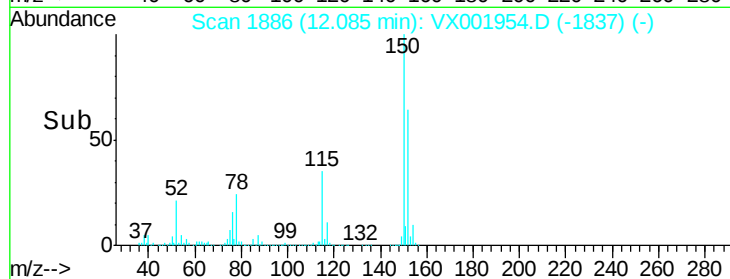
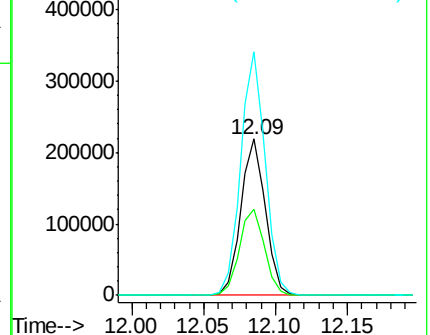
150 155.6 0.0 351.0



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: 2.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001954.D

Acq: 24 May 2018 21:11

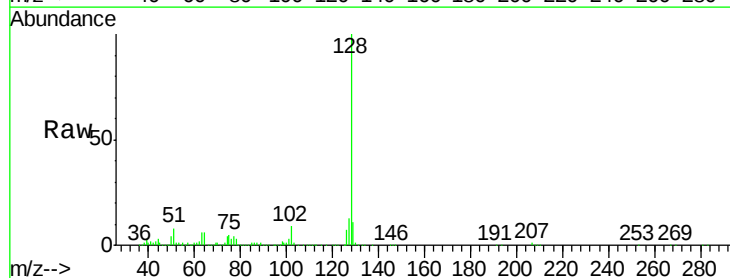
Tgt Ion:128 Resp: 68133

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.4 8.8 13.2



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

