

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000236.D
 Acq On : 08 Mar 2018 22:17
 Operator : JC/MD
 Sample : J1819-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Quant Time: Mar 09 04:51:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

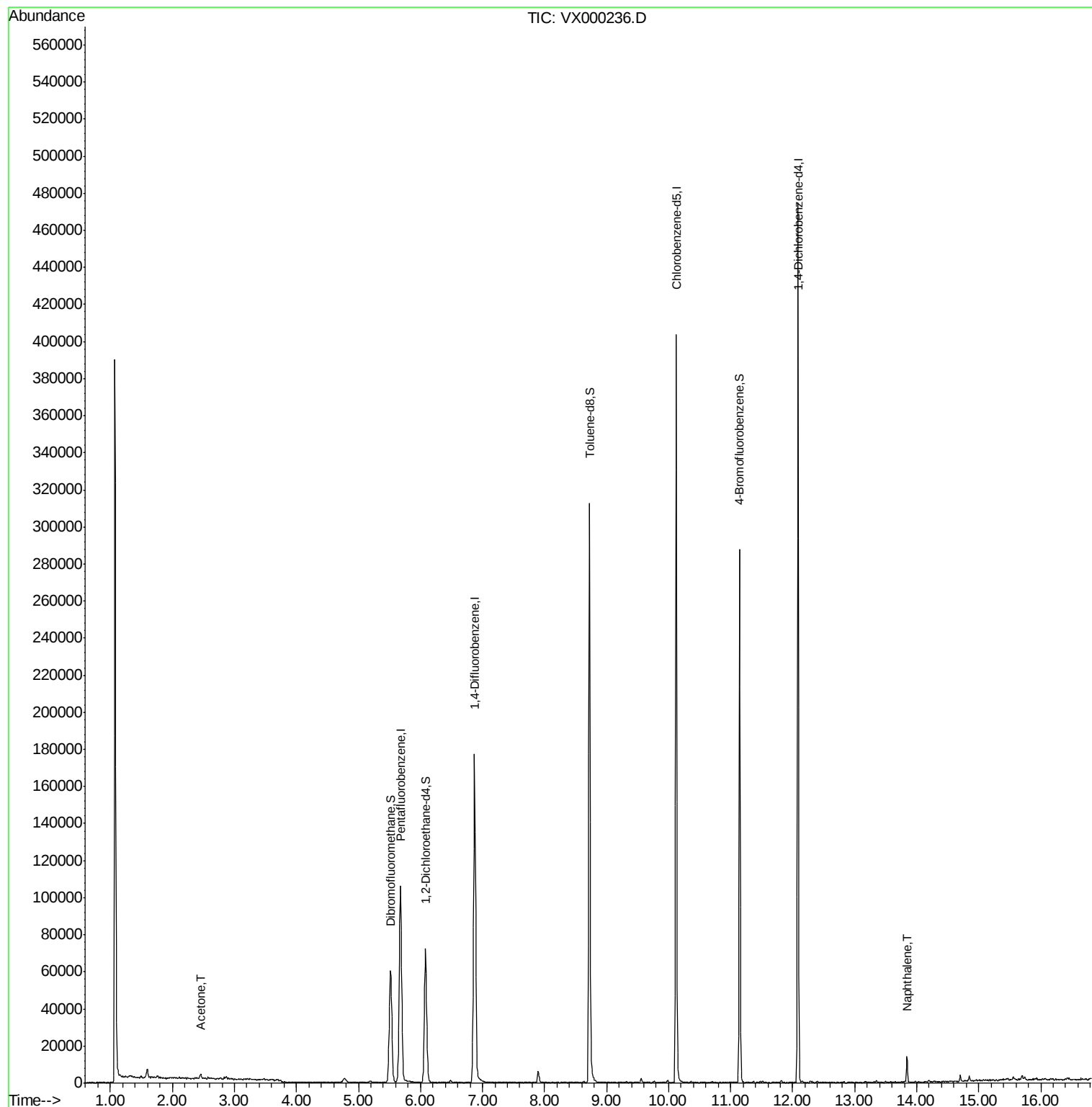
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	100493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	180360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	170325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	66895	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.52	113	48931	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
50) Toluene-d8	8.73	98	188360	40.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.28%	
62) 4-Bromofluorobenzene	11.15	95	64661	35.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.62%	
Target Compounds						
16) Acetone	2.45	43	2537	2.54	ug/l	93
95) Naphthalene	13.84	128	7621	1.12	ug/l	97

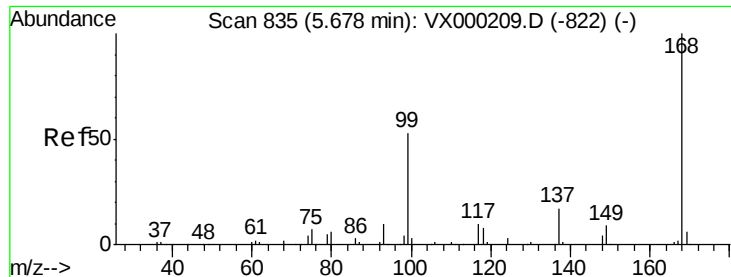
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000236.D

Acq: 08 Mar 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

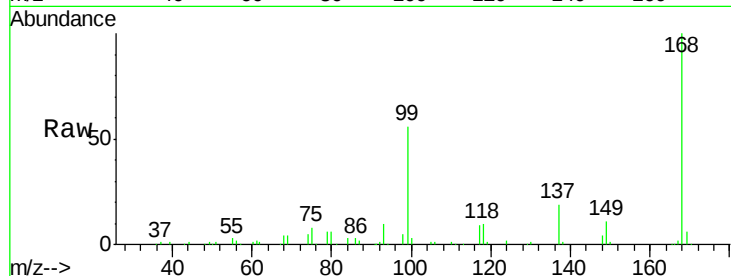
TP-10

Tot Ion:168 Resp: 100493

Ion Ratio Lower Upper

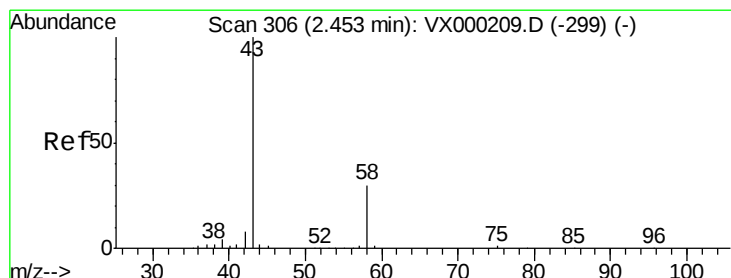
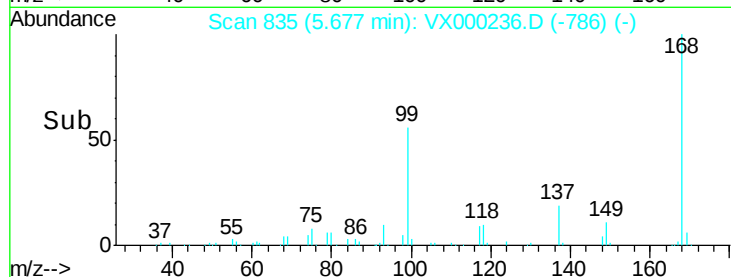
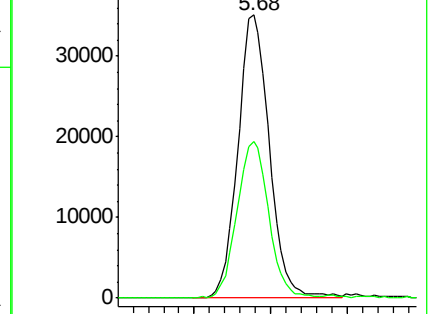
168 100

99 55.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.54 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000236.D

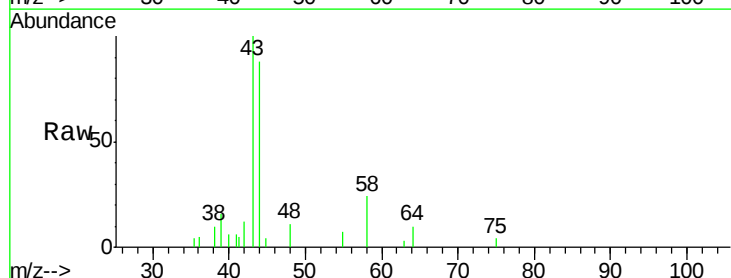
Acq: 08 Mar 2018 22:17

Tgt Ion: 43 Resp: 2537

Ion Ratio Lower Upper

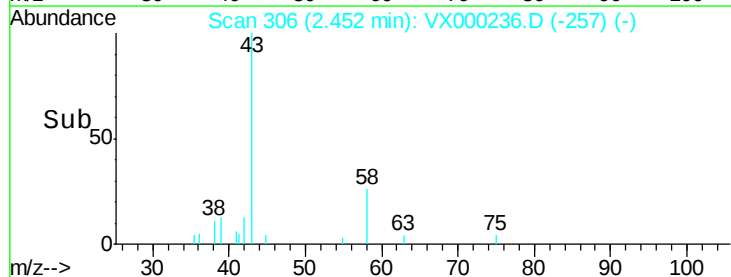
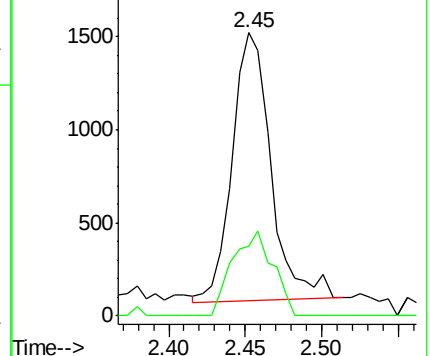
43 100

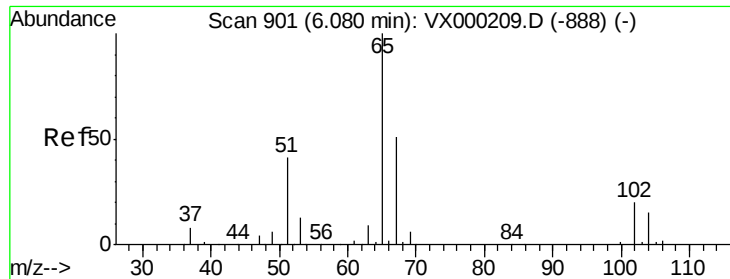
58 26.1 23.8 35.6



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: 48.02 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000236.D

Acq: 08 Mar 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

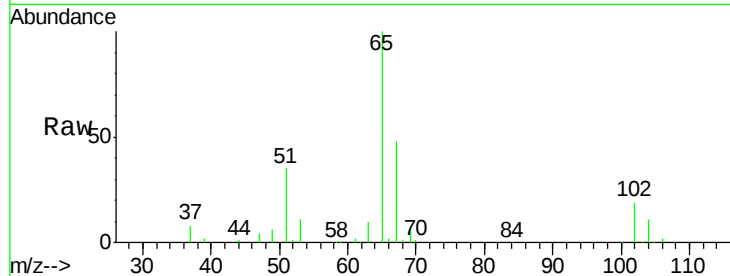
TP-10

Tot Ion: 65 Resp: 66895

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

30000

25000

20000

15000

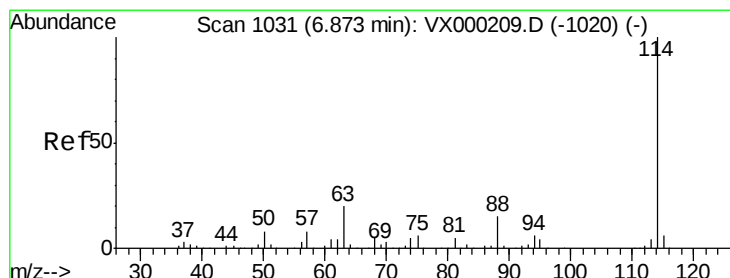
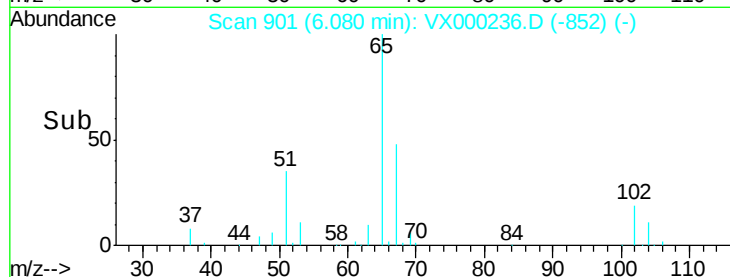
10000

5000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000236.D

Acq: 08 Mar 2018 22:17

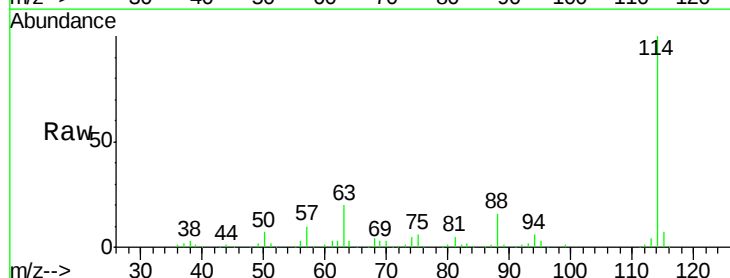
Tgt Ion: 114 Resp: 180360

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 16.1 0.0 29.8



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

100000

80000

60000

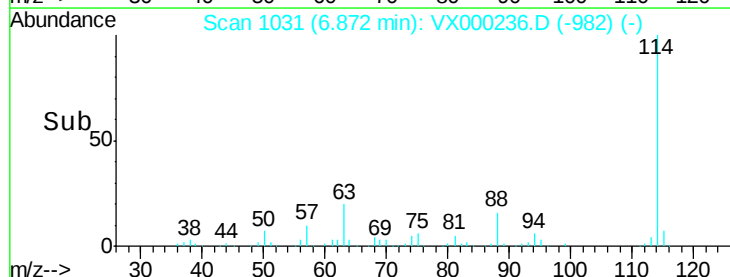
40000

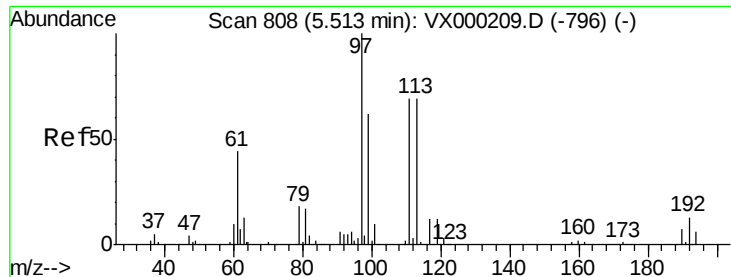
20000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 43.19 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000236.D

Acq: 08 Mar 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

TP-10

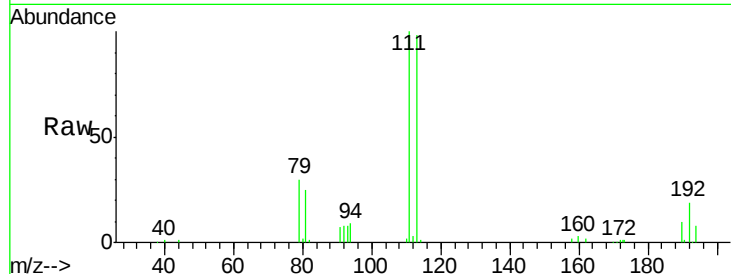
Tot Ion:113 Resp: 48931

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

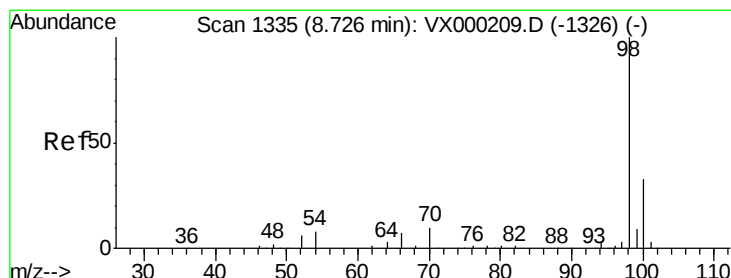
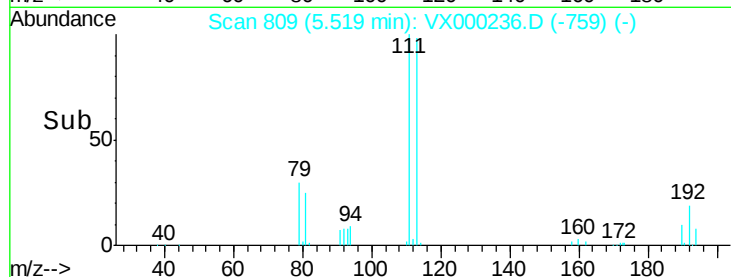
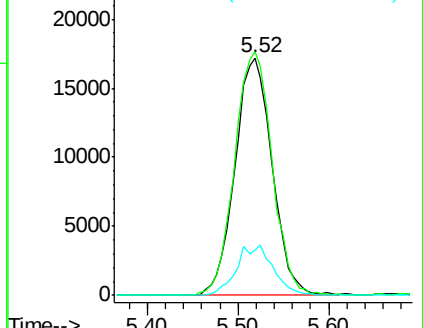
192 20.8 15.5 23.3



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: 40.14 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000236.D

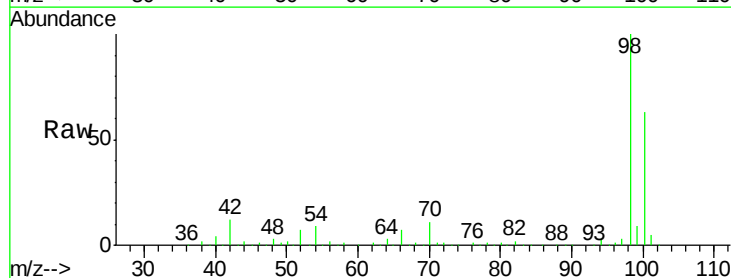
Acq: 08 Mar 2018 22:17

Tgt Ion: 98 Resp: 188360

Ion Ratio Lower Upper

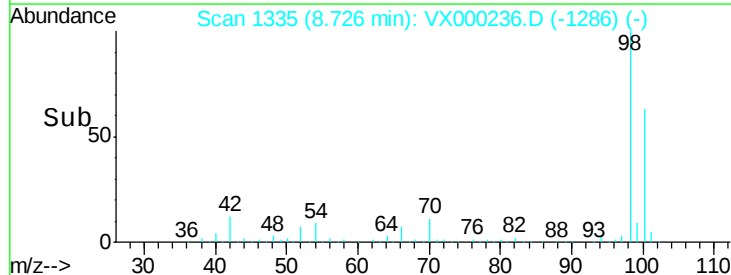
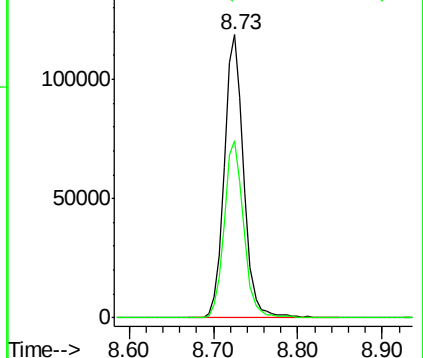
98 100

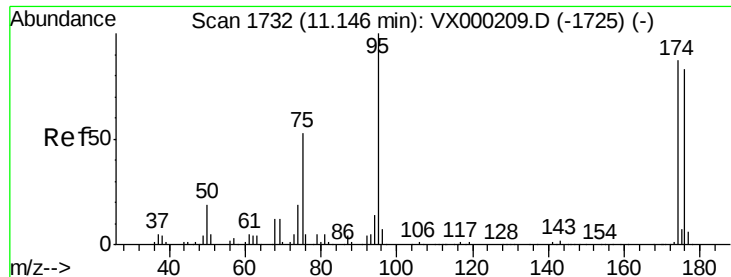
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 35.31 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000236.D

Acq: 08 Mar 2018 22:17

Instrument :

MSVOA_X

ClientSampleId :

TP-10

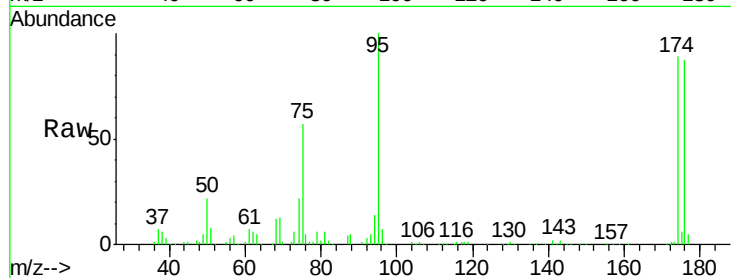
Tot Ion: 95 Resp: 64661

Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

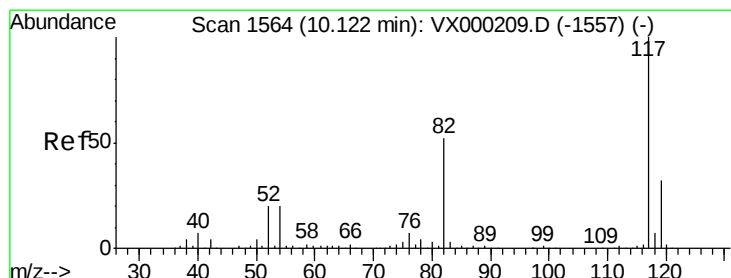
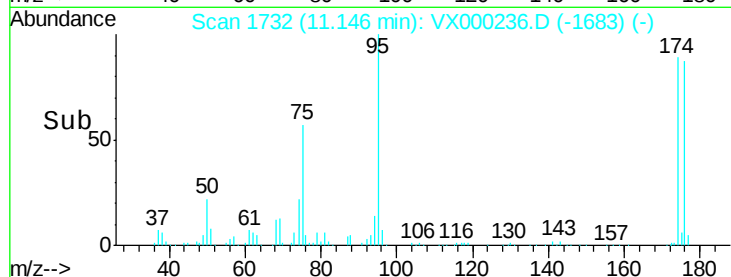
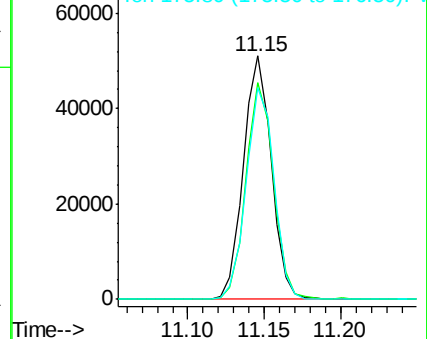
176 86.8 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000236.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000236.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000236.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000236.D

Acq: 08 Mar 2018 22:17

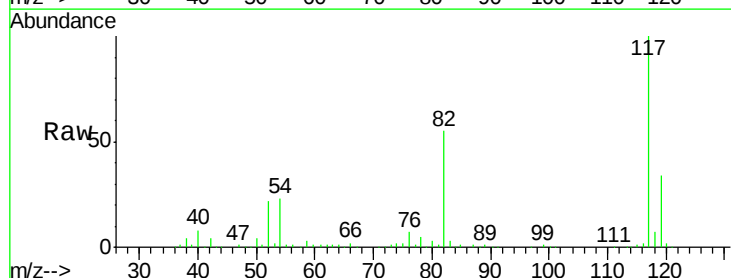
Tgt Ion: 117 Resp: 170325

Ion Ratio Lower Upper

117 100

82 55.1 42.0 63.0

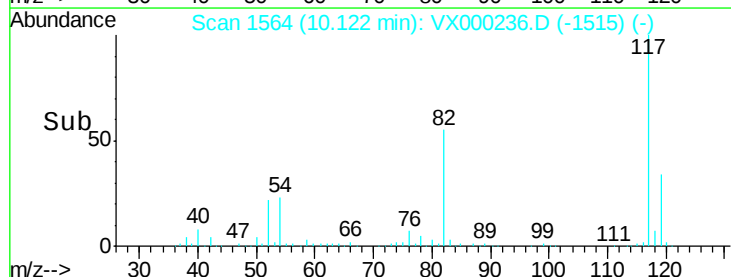
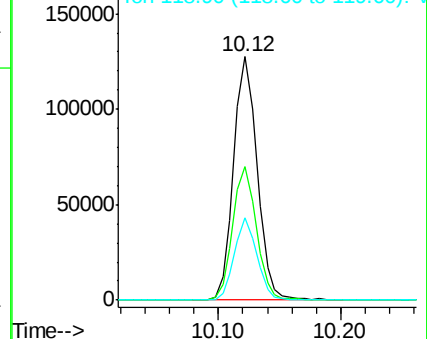
119 33.7 25.3 37.9

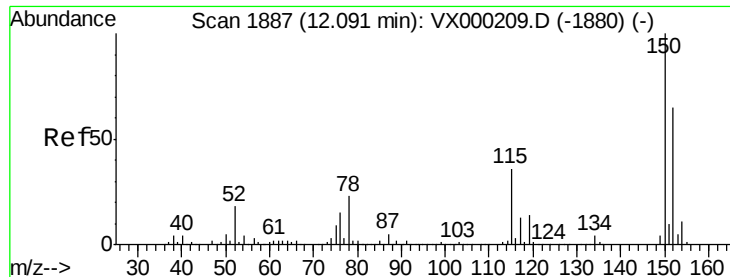


Abundance Ion 116.90 (116.60 to 117.60): VX000236.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000236.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000236.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000236.D

Acq: 08 Mar 2018 22:17

Instrument :

MSVOA_X

ClientSampled :

TP-10

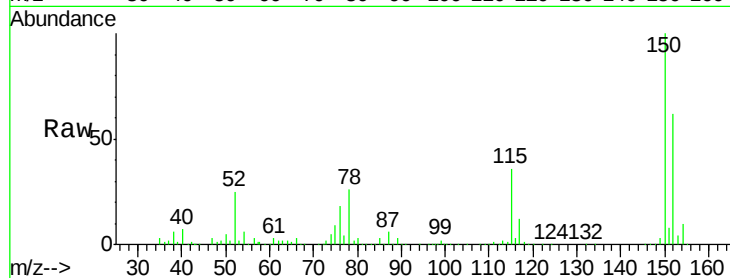
Tot Ion:152 Resp: 88110

Ion Ratio Lower Upper

152 100

115 57.6 39.8 119.3

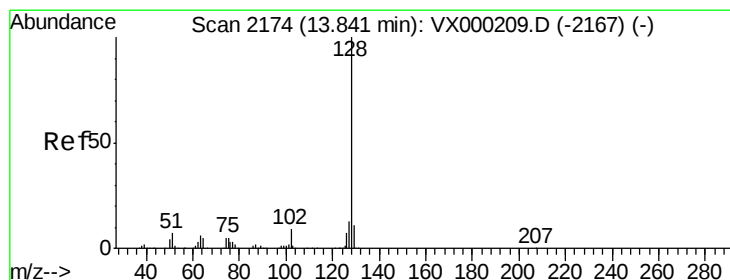
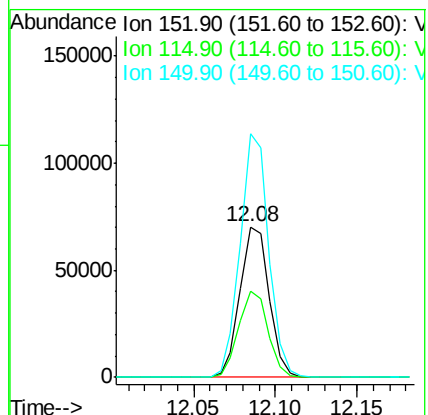
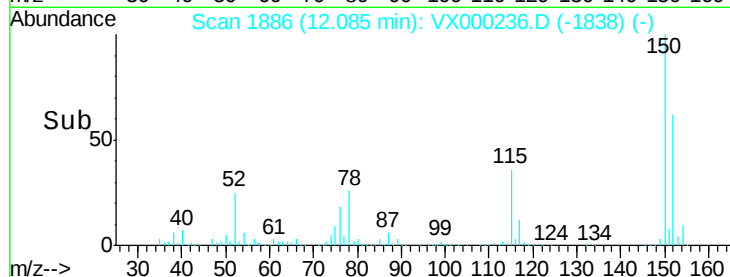
150 157.5 0.0 345.0



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: 1.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000236.D

Acq: 08 Mar 2018 22:17

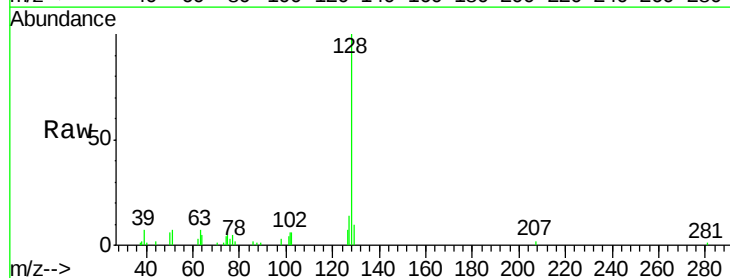
Tgt Ion:128 Resp: 7621

Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

129 10.1 8.6 13.0



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

