

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\
 Data File : VX000470.D
 Acq On : 27 Mar 2018 20:20
 Operator : JC/MD
 Sample : J1749-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-03-032618

Quant Time: Mar 28 07:50:25 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

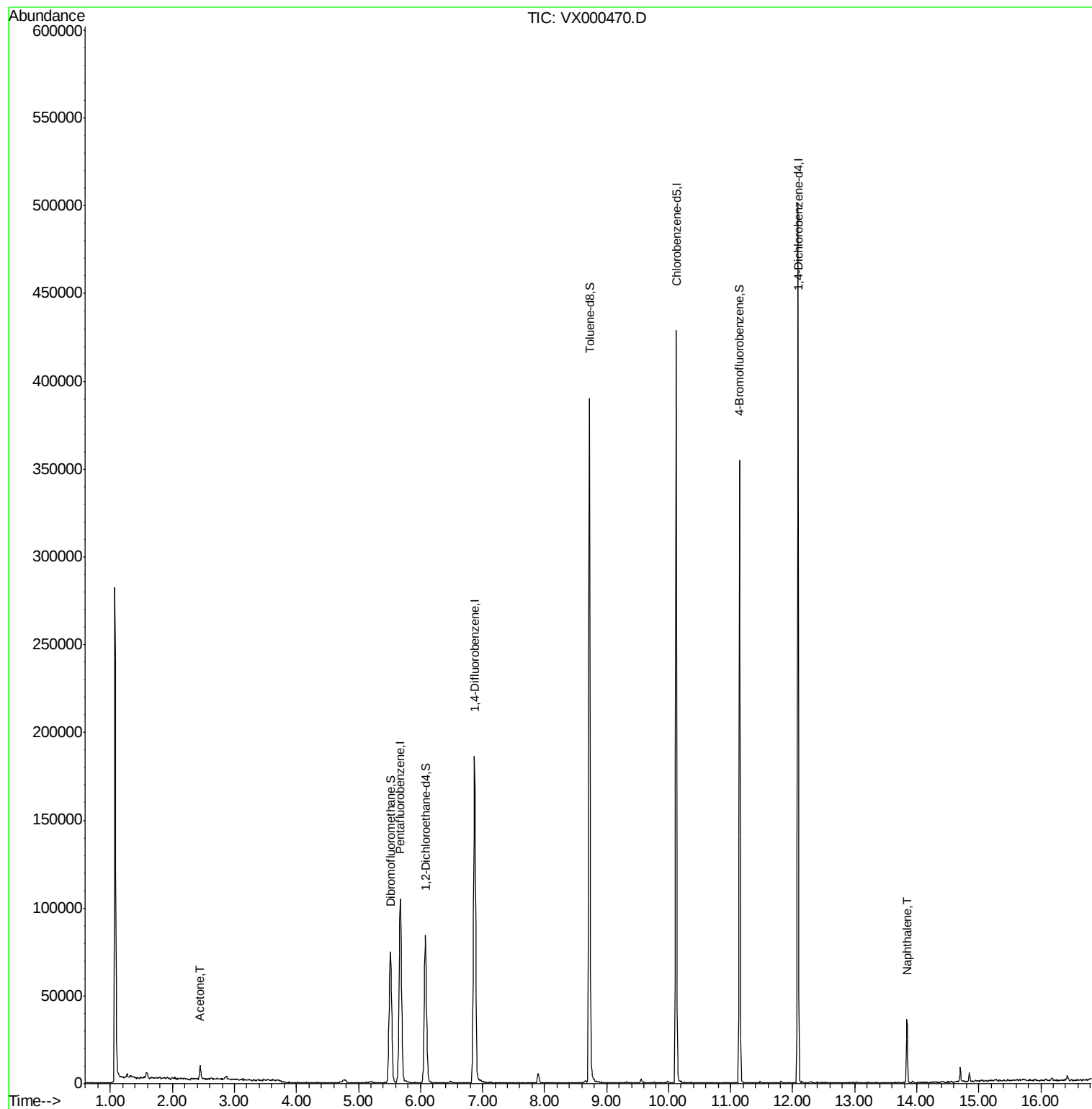
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	100583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76035	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
35) Dibromofluoromethane	5.52	113	60403	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	8.73	98	232158	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.15	95	77528	39.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.70%	
Target Compounds						
16) Acetone	2.45	43	7586	6.95	ug/l	97
95) Naphthalene	13.84	128	21556	2.84	ug/l	99

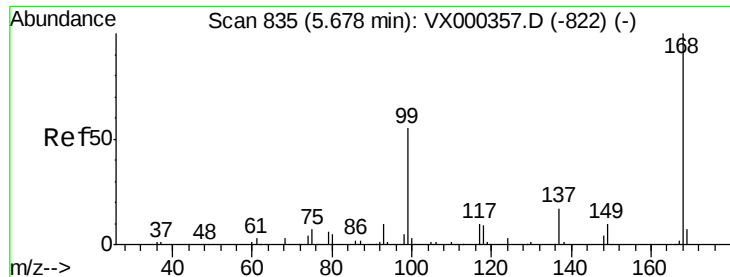
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000470.D

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MSVOA_X

ClientSampleId :

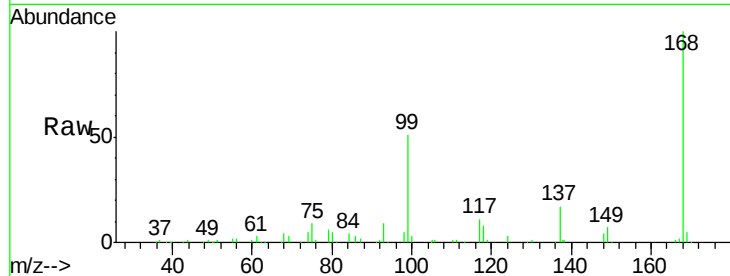
BU-03-032618

Tot Ion:168 Resp: 100583

Ion Ratio Lower Upper

168 100

99 51.2 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

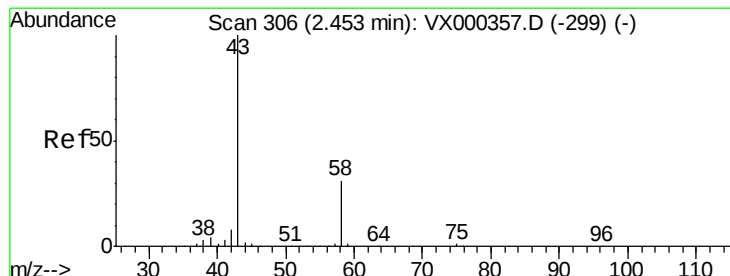
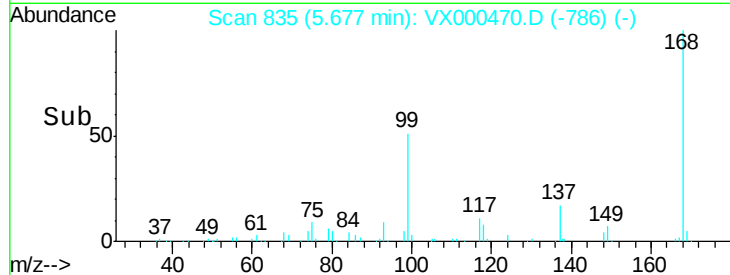
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 6.95 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000470.D

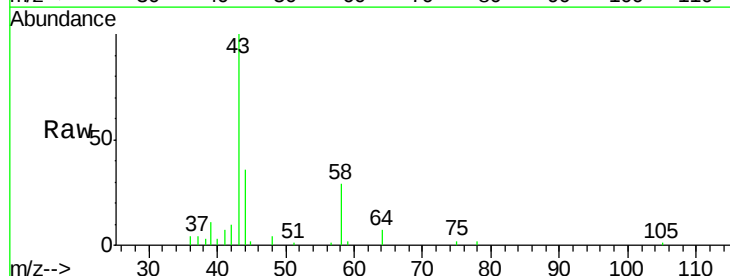
Acq: 27 Mar 2018 20:20

Tgt Ion: 43 Resp: 7586

Ion Ratio Lower Upper

43 100

58 29.2 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

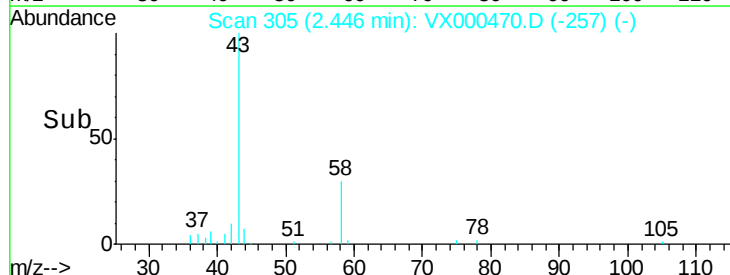
2000

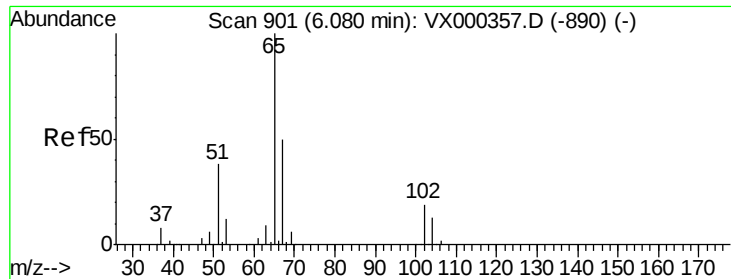
1000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 57.91 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000470.D

Acq: 27 Mar 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

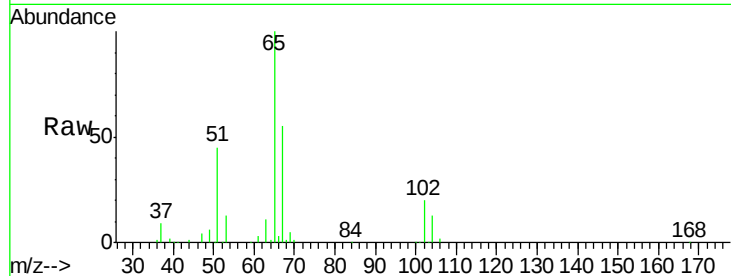
BU-03-032618

Tot Ion: 65 Resp: 76035

Ion Ratio Lower Upper

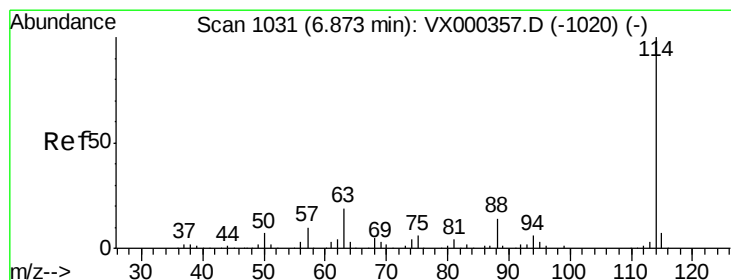
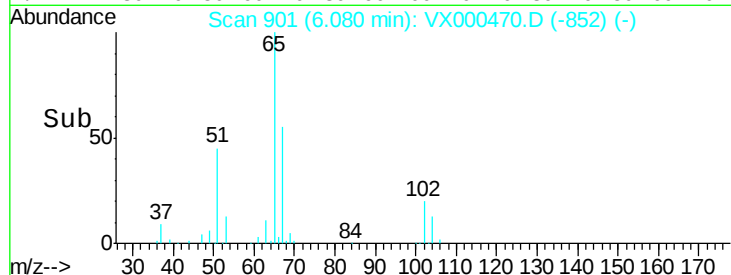
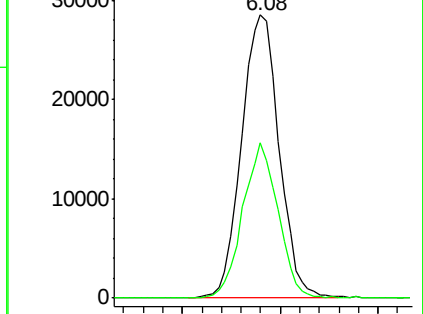
65 100

67 51.7 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: VX000470.D

Acq: 27 Mar 2018 20:20

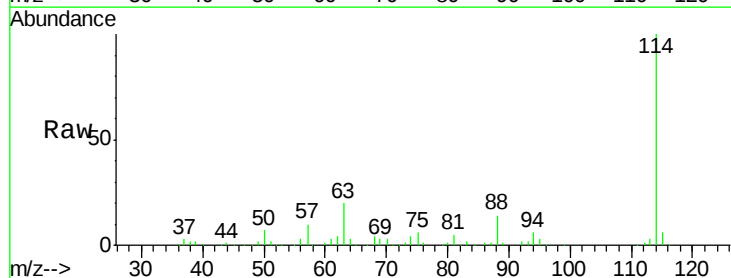
Tgt Ion: 114 Resp: 185770

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

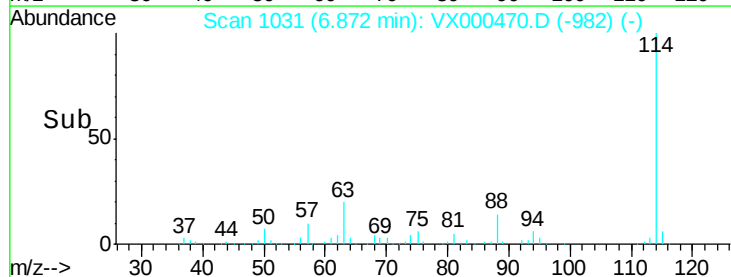
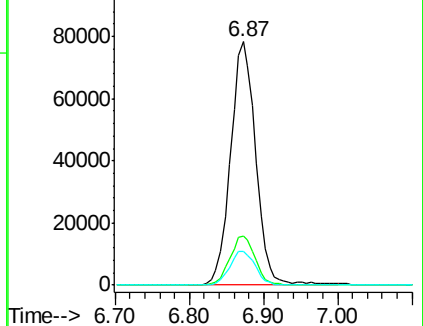
88 13.7 0.0 27.0

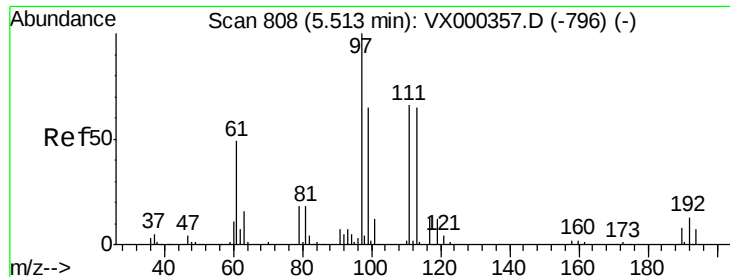


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.60 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000470.D

Acq: 27 Mar 2018 20:20

Instrument :

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ClientSampleId :

BU-03-032618

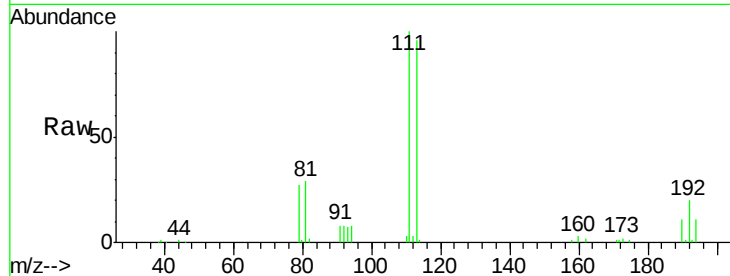
Tot Ion:113 Resp: 60403

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

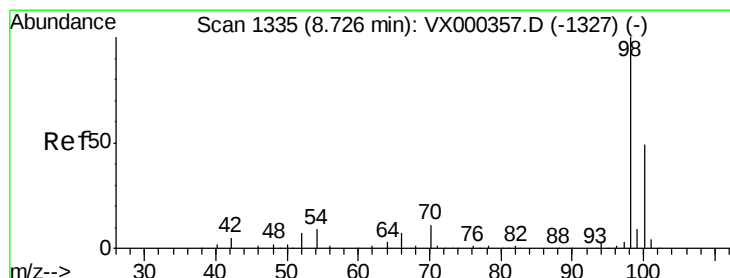
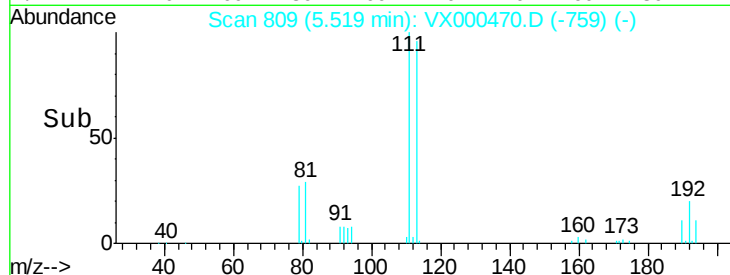
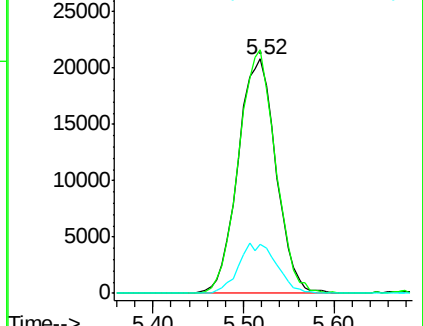
192 21.3 15.8 23.6



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: 47.89 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000470.D

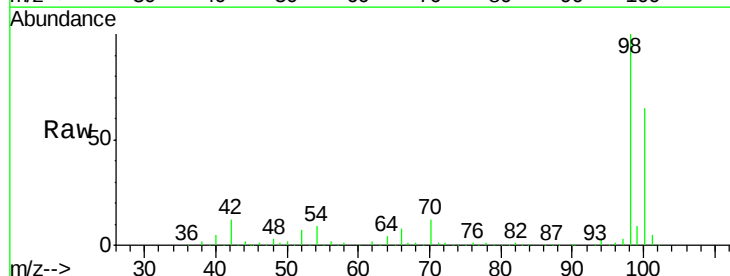
Acq: 27 Mar 2018 20:20

Tgt Ion: 98 Resp: 232158

Ion Ratio Lower Upper

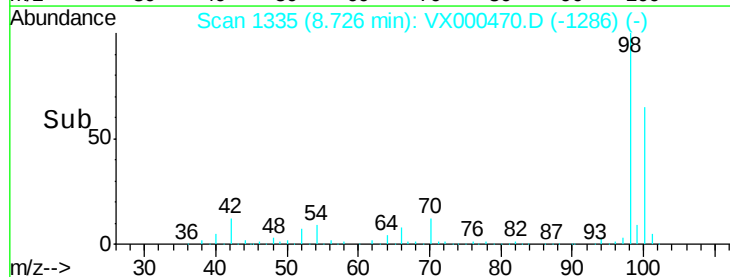
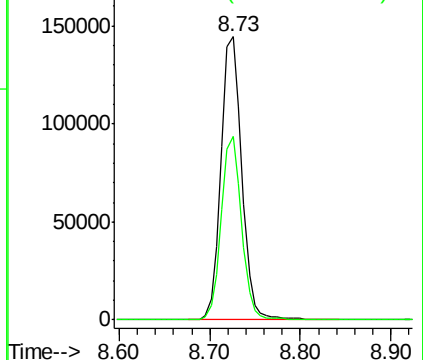
98 100

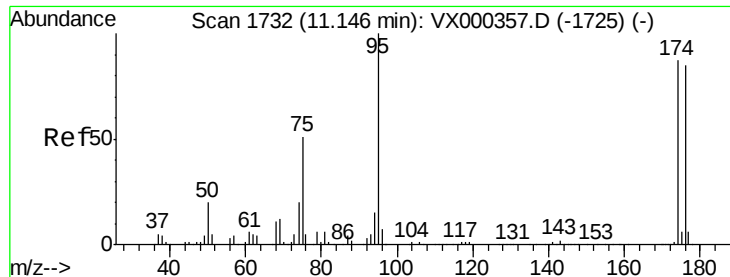
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000470.D

Acq: 27 Mar 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

BU-03-032618

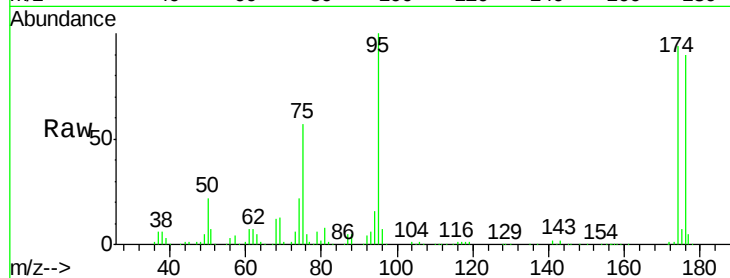
Tot Ion: 95 Resp: 77528

Ion Ratio Lower Upper

95 100

174 93.6 0.0 173.6

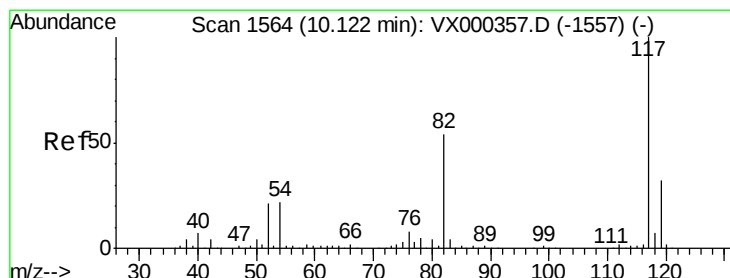
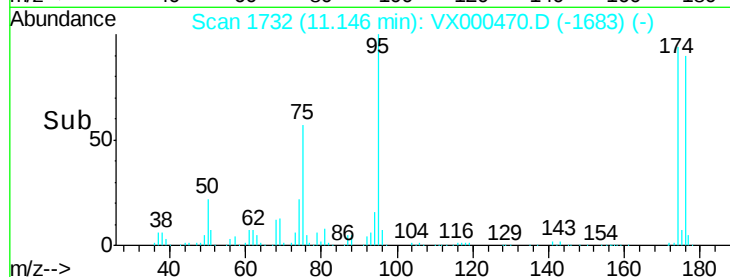
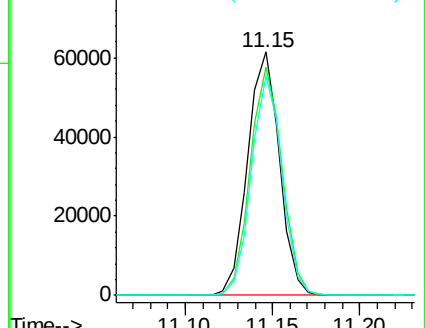
176 87.5 0.0 164.6



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000470.D

Acq: 27 Mar 2018 20:20

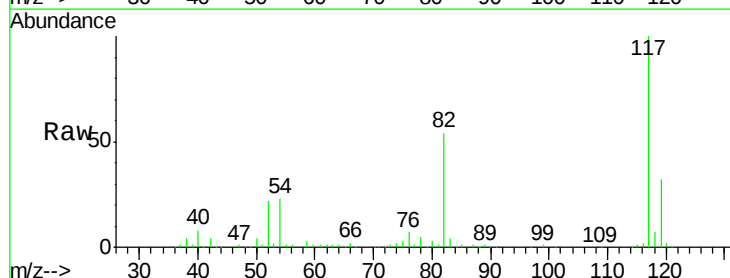
Tgt Ion: 117 Resp: 180766

Ion Ratio Lower Upper

117 100

82 54.0 43.8 65.8

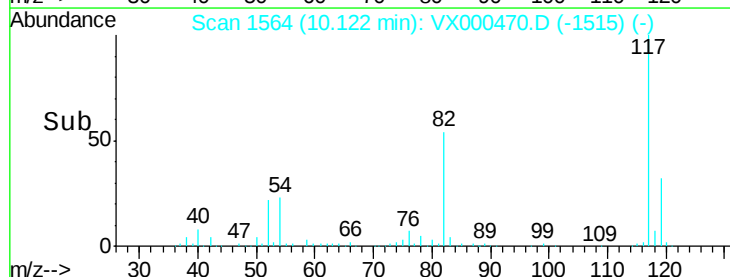
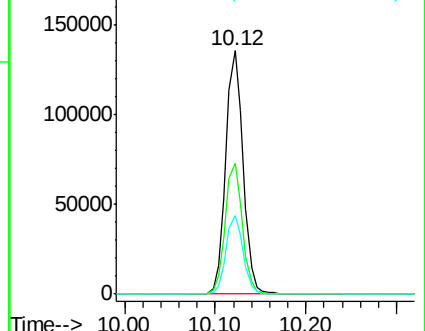
119 32.3 24.9 37.3

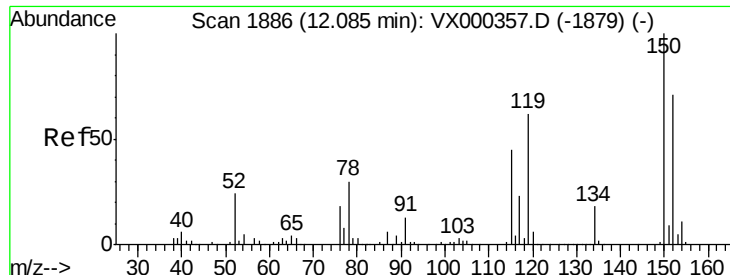


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000470.D

Acq: 27 Mar 2018 20:20

Instrument :

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ClientSampleId :

BU-03-032618

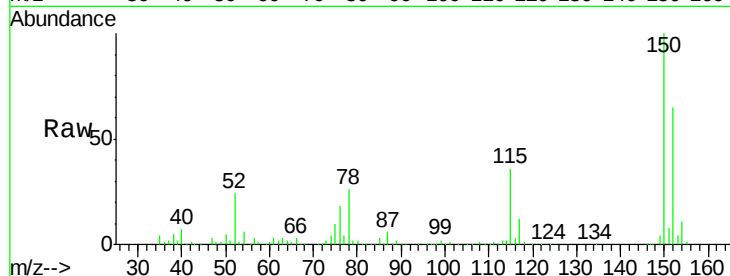
Tot Ion:152 Resp: 93009

Ion Ratio Lower Upper

152 100

115 55.4 39.8 119.3

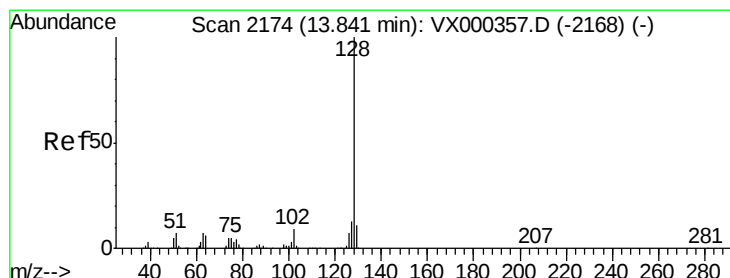
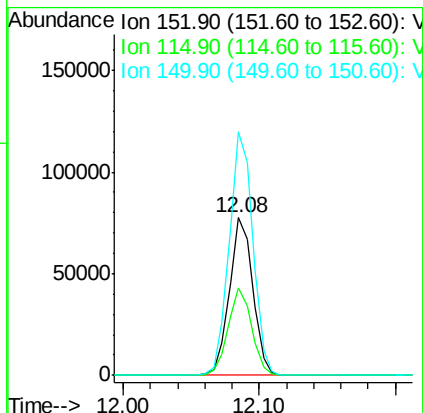
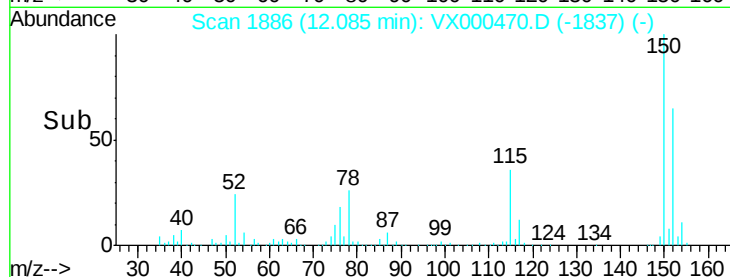
150 155.2 0.0 344.4



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: 2.84 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000470.D

Acq: 27 Mar 2018 20:20

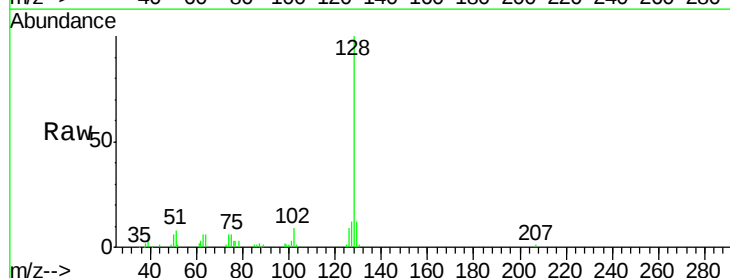
Tgt Ion:128 Resp: 21556

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.4 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

