

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002993.D
 Acq On : 28 Jun 2018 18:47
 Operator : JC/MD
 Sample : J3717-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48969

Quant Time: Jun 29 09:56:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	179402	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.51	113	144595	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	8.72	98	528585	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.14	95	198745	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	

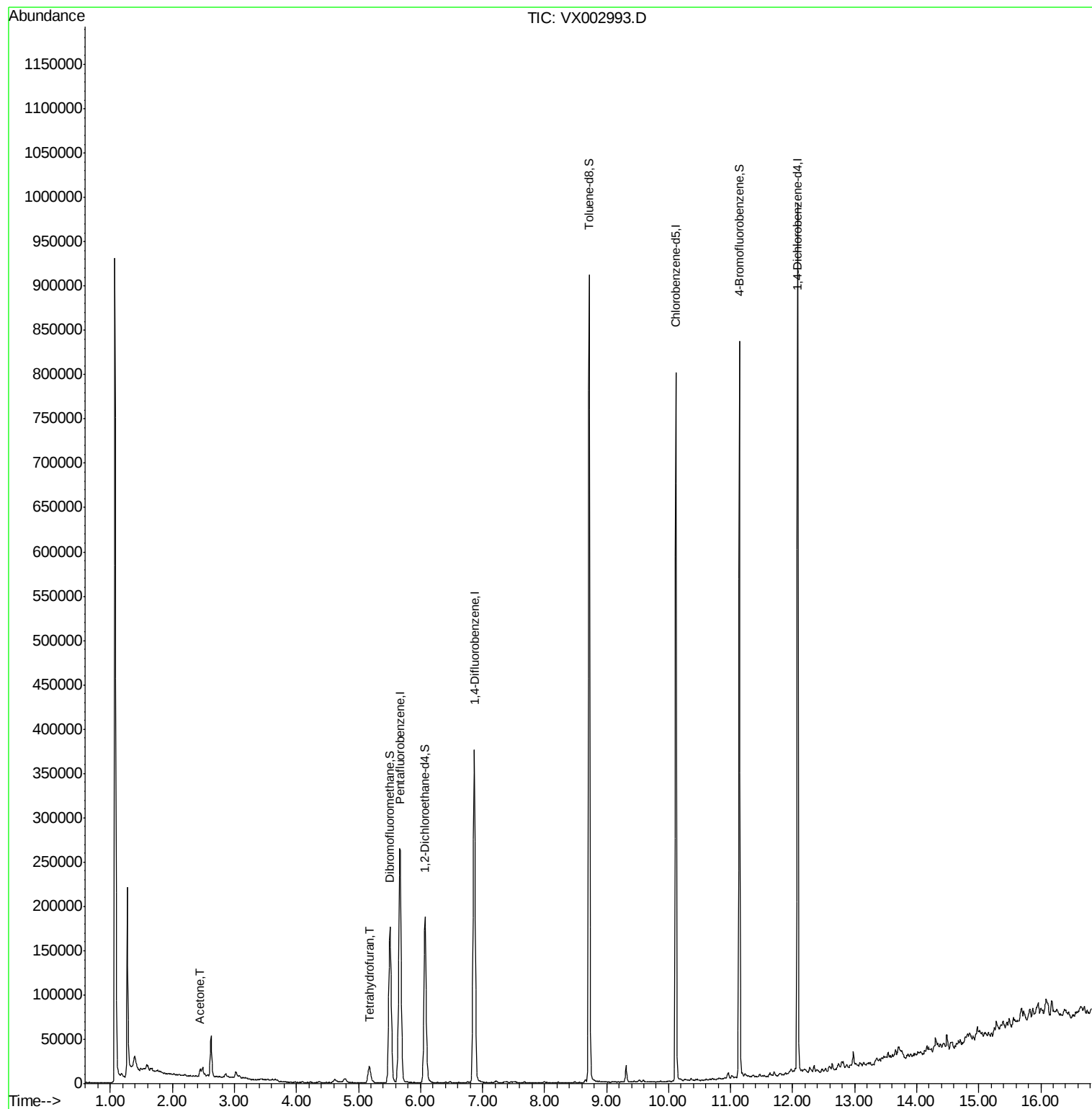
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9510	6.22	ug/l	94
29) Tetrahydrofuran	5.17	42	16684	11.46	ug/l	100

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX002993.D

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Instrument :

MSVOA_X

ClientSampleId :

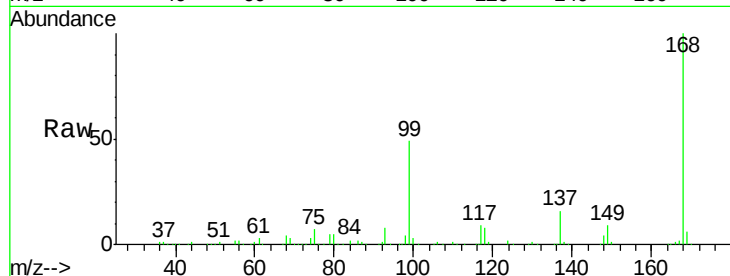
N48969

Tot Ion:168 Resp: 267201

Ion Ratio Lower Upper

168 100

99 49.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

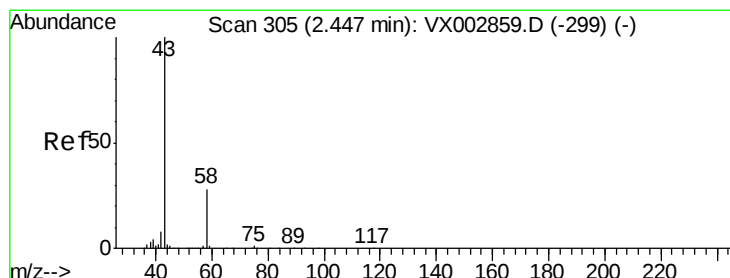
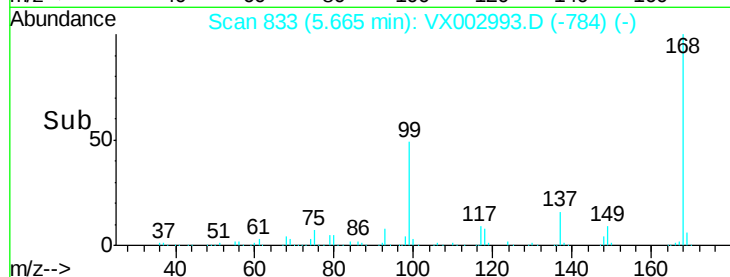
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002993.D

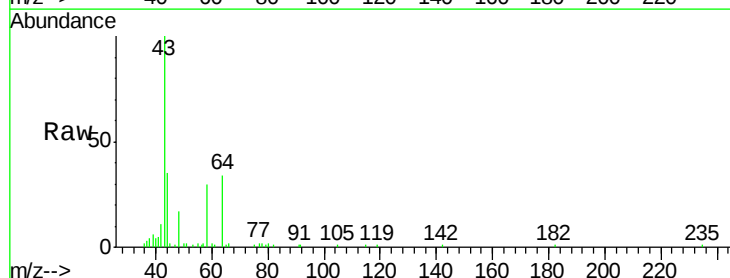
Acq: 28 Jun 2018 18:47

Tgt Ion: 43 Resp: 9510

Ion Ratio Lower Upper

43 100

58 30.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

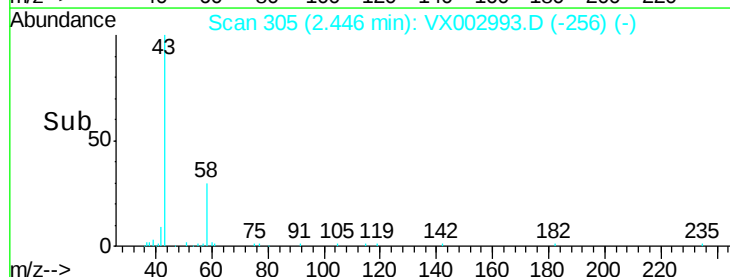
6000

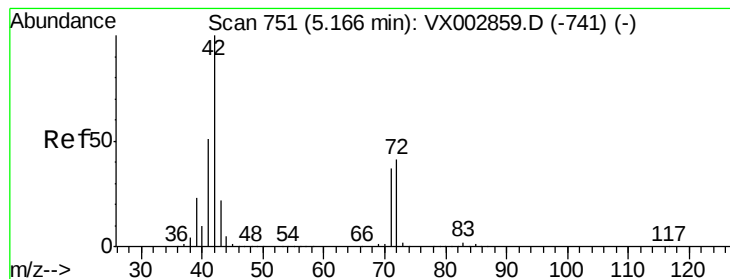
4000

2000

0

Time--> 2.35 2.40 2.45 2.50





#29

Tetrahydrofuran

Concen: 11.46 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002993.D

Acq: 28 Jun 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

N48969

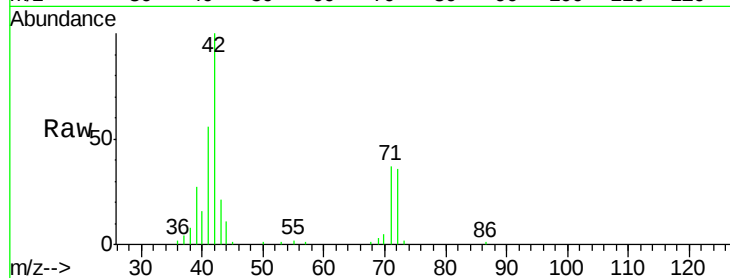
Tot Ion: 42 Resp: 16684

Ion Ratio Lower Upper

42 100

72 39.9 32.0 48.0

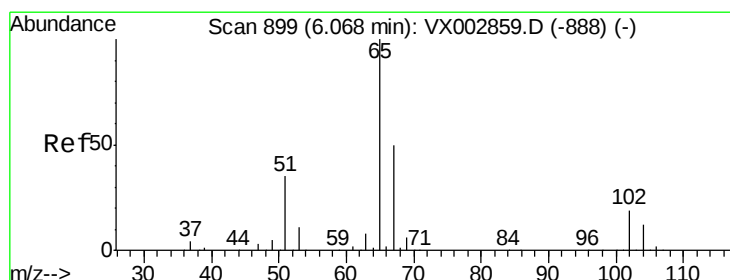
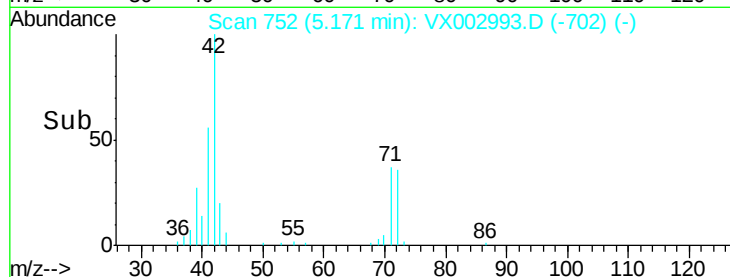
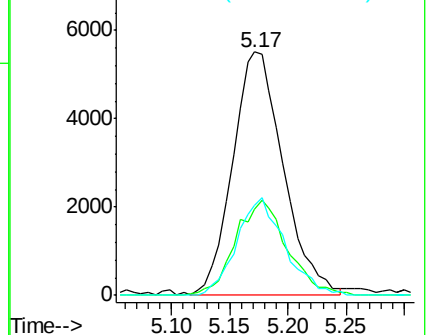
71 38.1 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.58 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002993.D

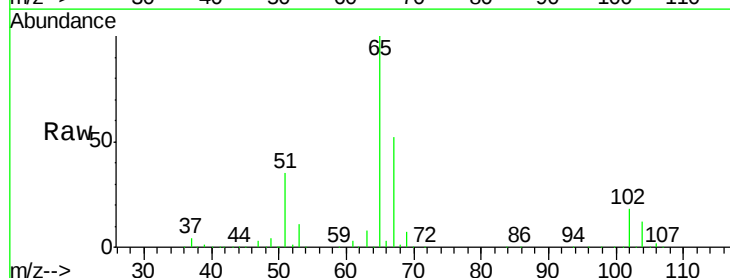
Acq: 28 Jun 2018 18:47

Tgt Ion: 65 Resp: 179402

Ion Ratio Lower Upper

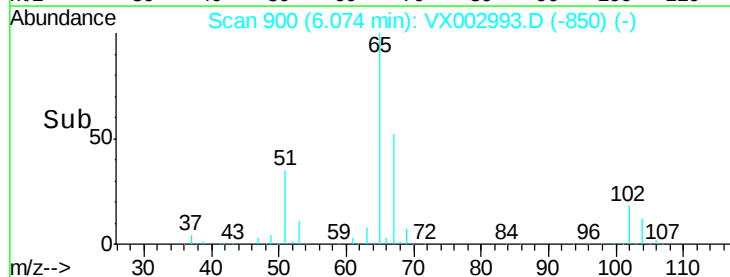
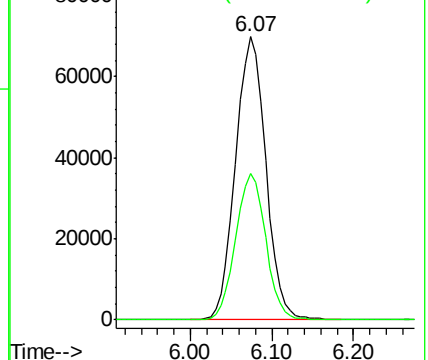
65 100

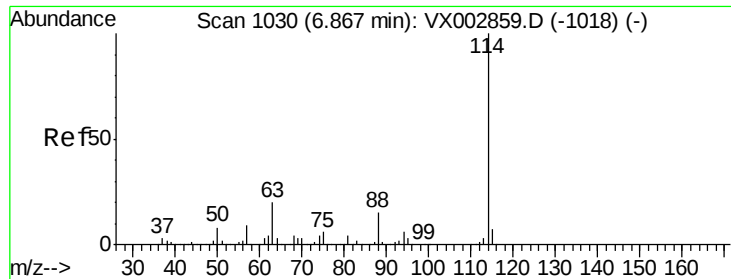
67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

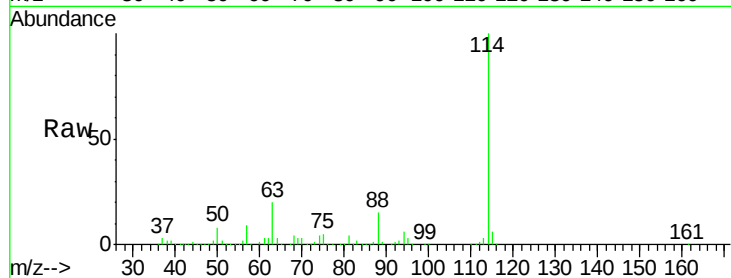




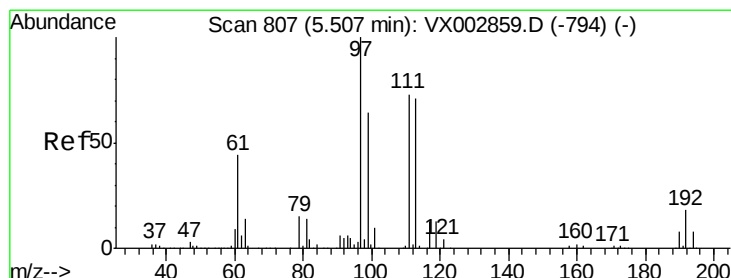
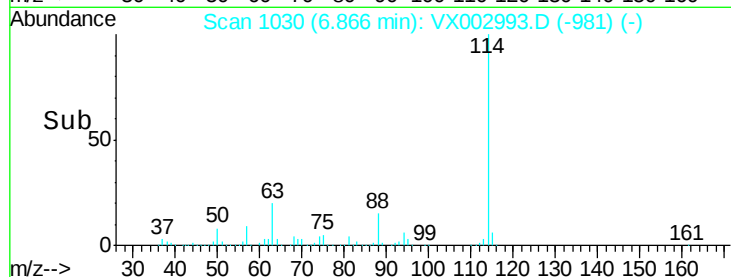
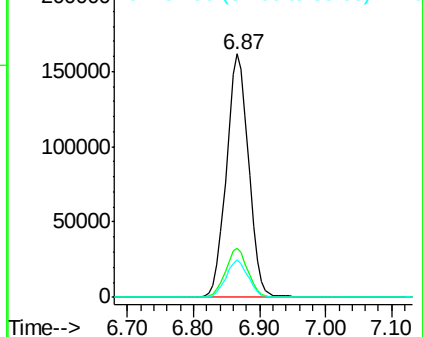
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002993.D
Acq: 28 Jun 2018 18:47

Instrument :
MSVOA_X
ClientSampleId :
N48969

Tot Ion:114 Resp: 376129
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.4
88 15.3 0.0 30.0

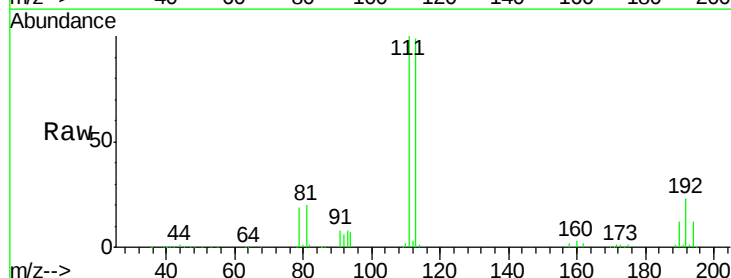


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

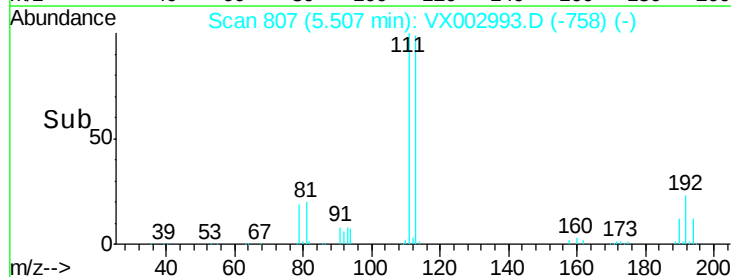
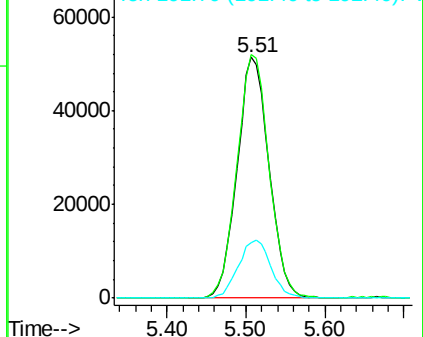


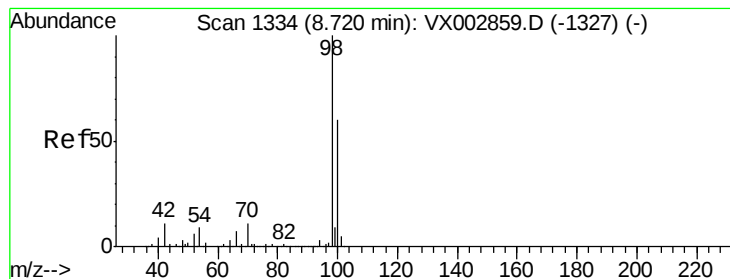
#35
Dibromofluoromethane
Concen: 48.54 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002993.D
Acq: 28 Jun 2018 18:47

Tgt Ion:113 Resp: 144595
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 24.7 19.1 28.7



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: 48.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002993.D

Acq: 28 Jun 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

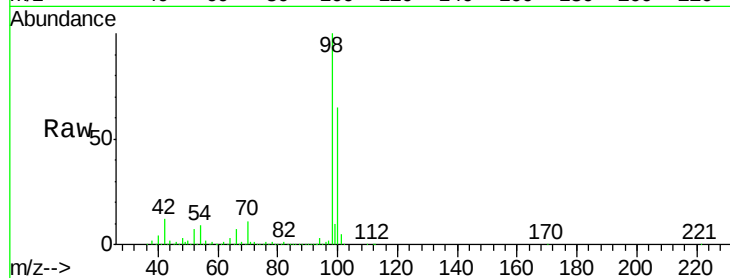
N48969

Tot Ion: 98 Resp: 528585

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

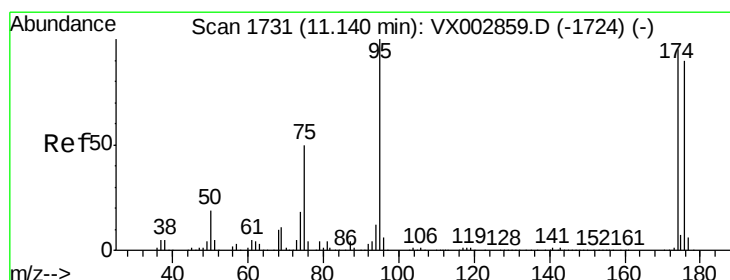
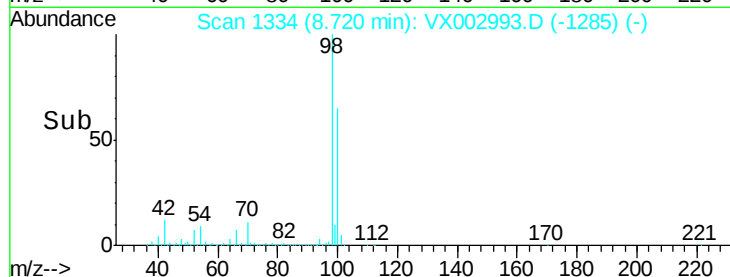
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 47.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002993.D

Acq: 28 Jun 2018 18:47

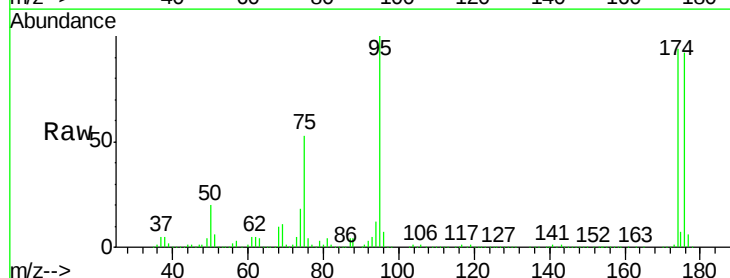
Tgt Ion: 95 Resp: 198745

Ion Ratio Lower Upper

95 100

174 96.6 0.0 187.4

176 93.6 0.0 181.0



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

200000

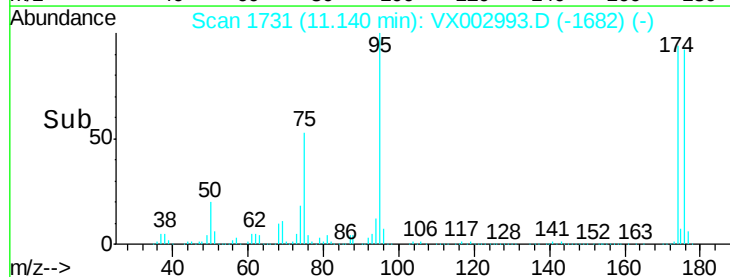
150000

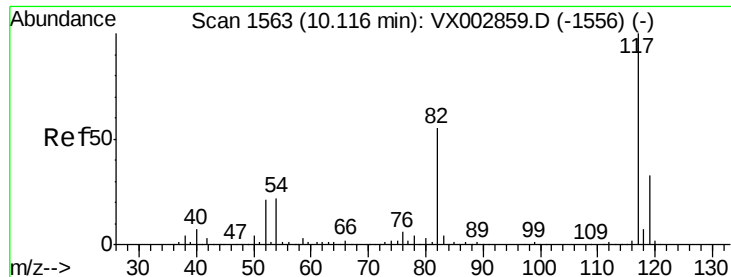
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002993.D

Acq: 28 Jun 2018 18:47

Instrument :

MSVOA_X

ClientSampleId :

N48969

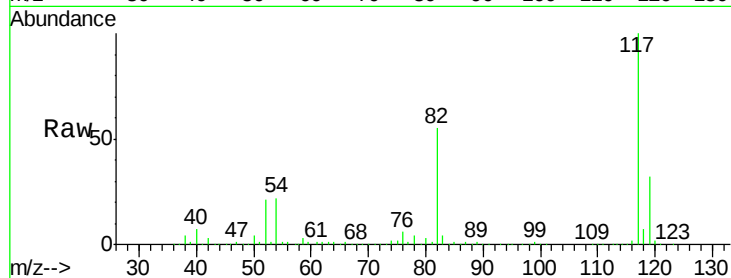
Tot Ion:117 Resp: 354655

Ion Ratio Lower Upper

117 100

82 55.0 45.0 67.4

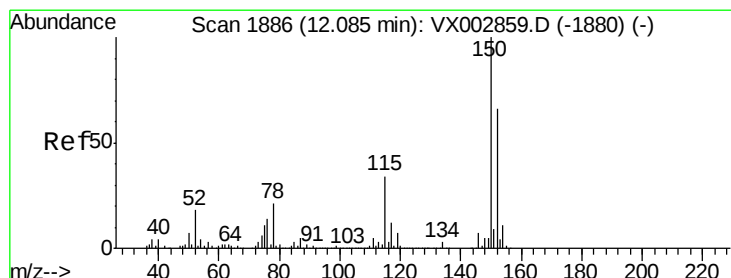
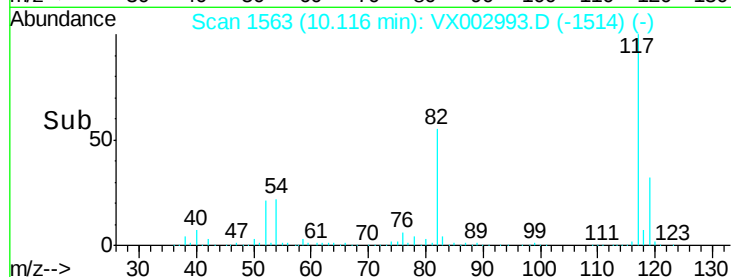
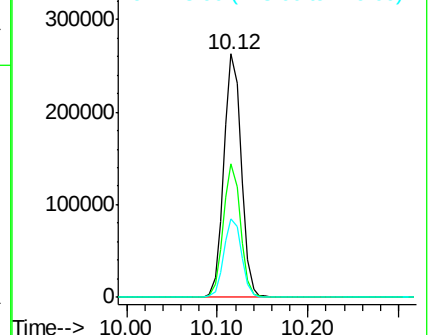
119 32.1 25.8 38.6



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: VX002993.D

Acq: 28 Jun 2018 18:47

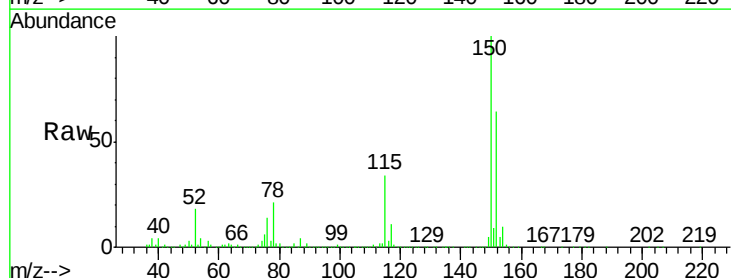
Tgt Ion:152 Resp: 213963

Ion Ratio Lower Upper

152 100

115 53.5 40.1 120.2

150 155.3 0.0 347.2



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

