

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002924.D
 Acq On : 27 Jun 2018 05:01
 Operator : JC/MD
 Sample : J3707-18 50X
 Misc : 6.09g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0480-180622

Quant Time: Jun 27 10:02:31 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	247887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179076	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	169896	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
35) Dibromofluoromethane	5.51	113	133006	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	8.72	98	492494	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.14	95	170748	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	

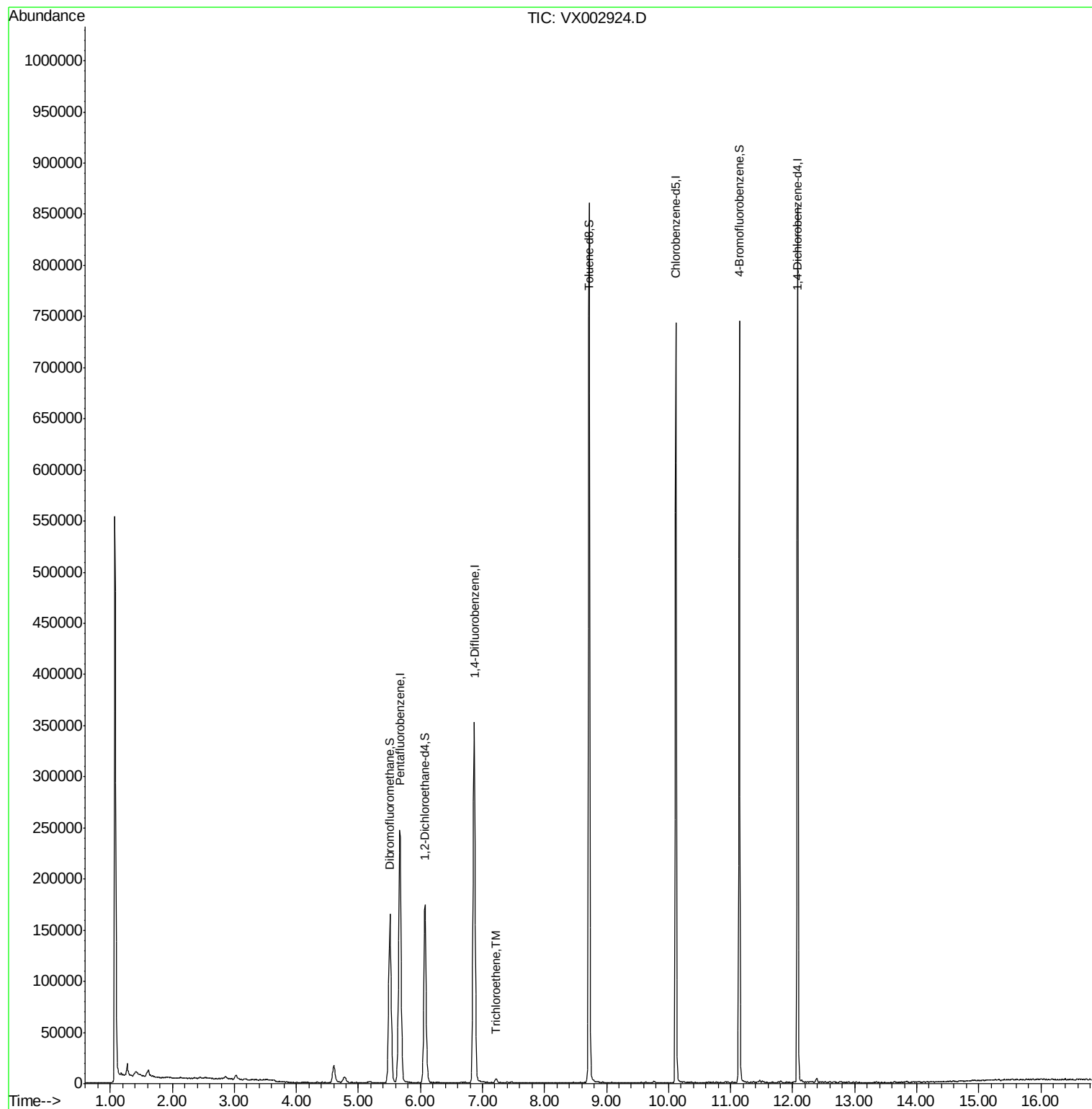
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.23	130	1454	0.44	ug/l	98

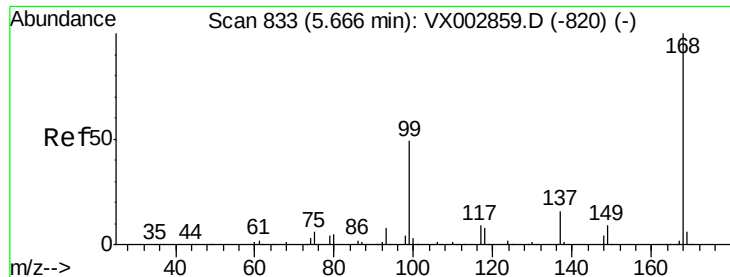
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002924.D

Acq: 27 Jun 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

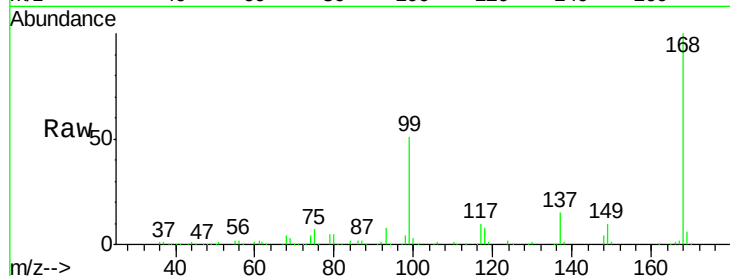
DUP-0480-180622

Tot Ion:168 Resp: 247887

Ion Ratio Lower Upper

168 100

99 50.6 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

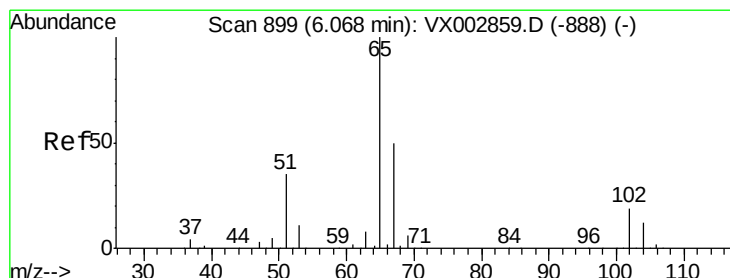
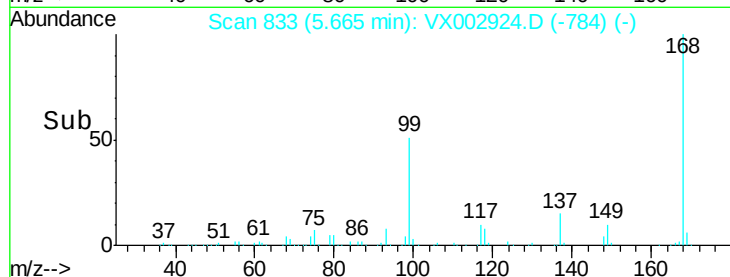
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 49.59 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002924.D

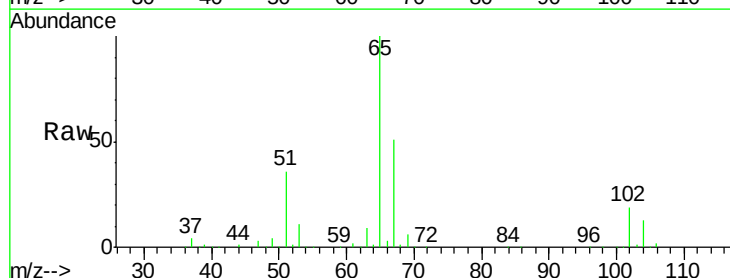
Acq: 27 Jun 2018 05:01

Tgt Ion: 65 Resp: 169896

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

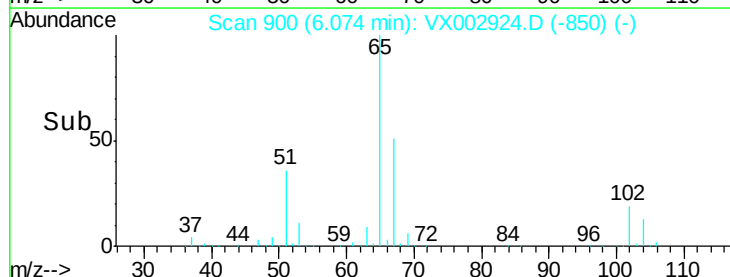
40000

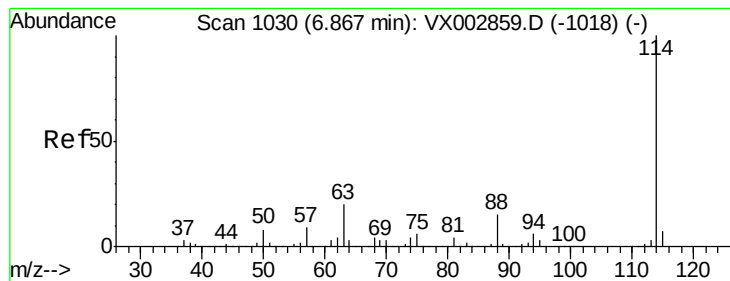
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002924.D

Acq: 27 Jun 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

DUP-0480-180622

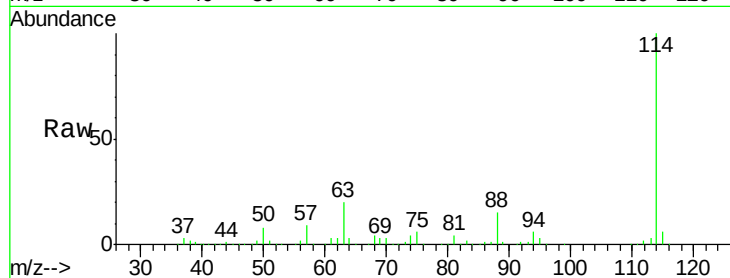
Tot Ion:114 Resp: 347343

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

88 15.0 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

6.87

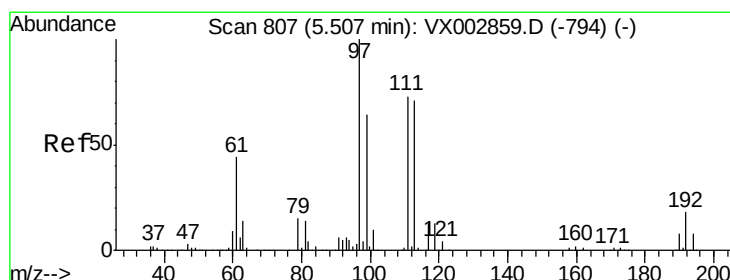
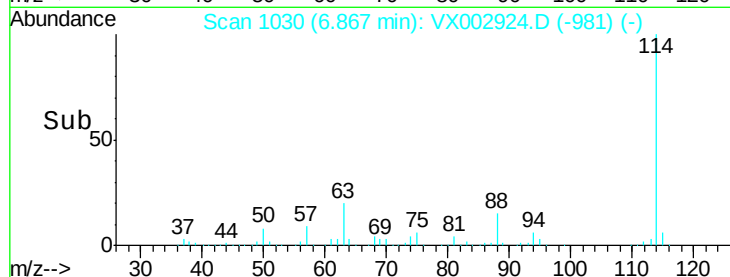
150000

100000

50000

0

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 48.35 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002924.D

Acq: 27 Jun 2018 05:01

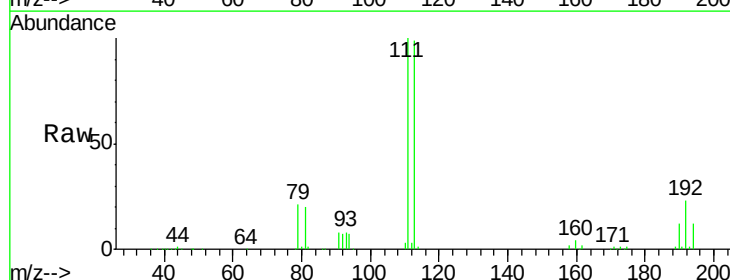
Tgt Ion:113 Resp: 133006

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 24.2 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

5.51

60000

50000

40000

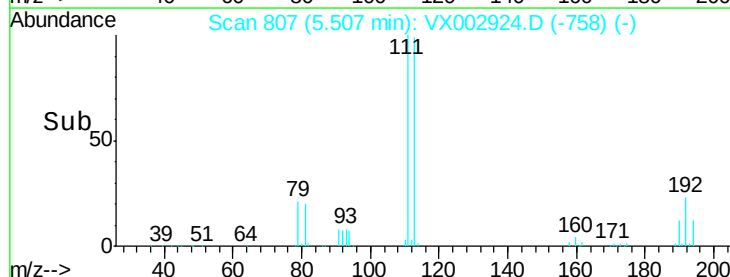
30000

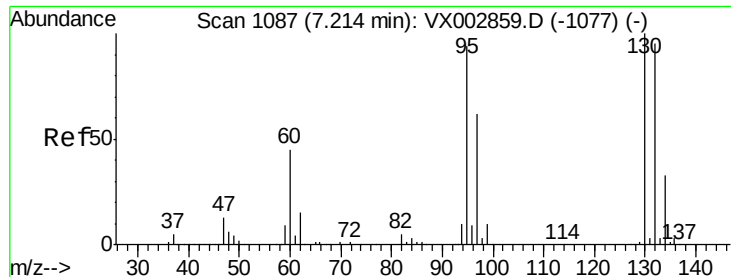
20000

10000

0

Time--> 5.40 5.50 5.60





#44

Trichloroethene

Concen: 0.44 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX002924.D

Acq: 27 Jun 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

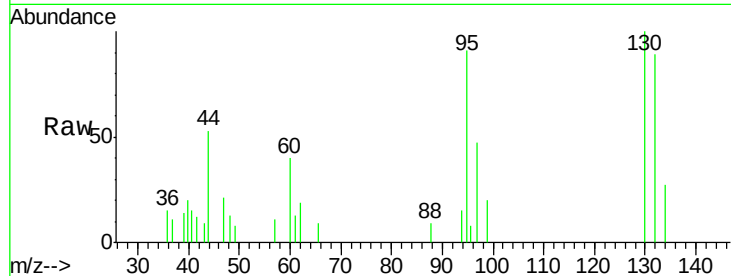
DUP-0480-180622

Tot Ion:130 Resp: 1454

Ion Ratio Lower Upper

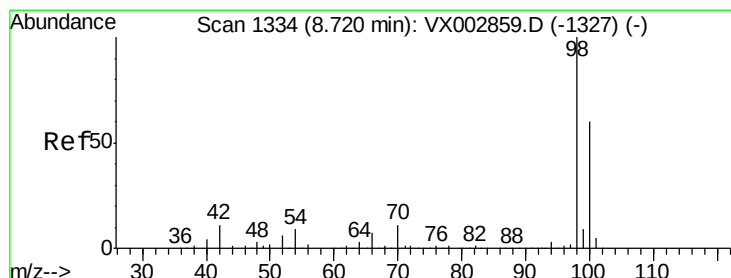
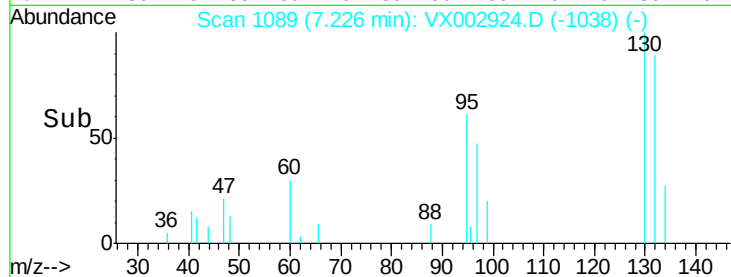
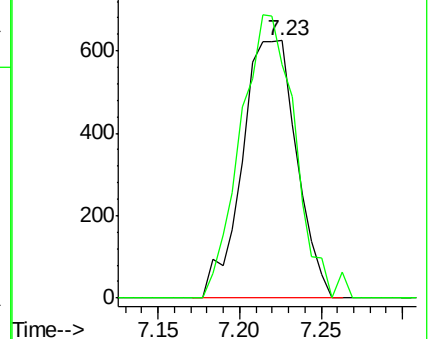
130 100

95 90.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002924.D

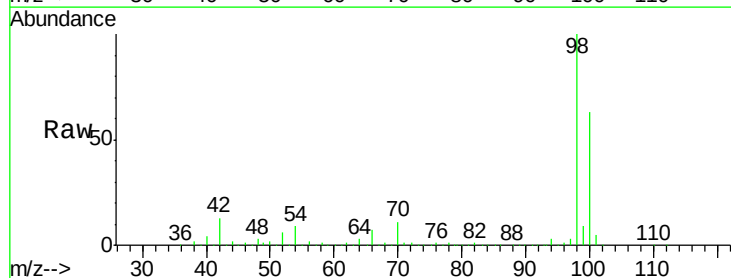
Acq: 27 Jun 2018 05:01

Tgt Ion: 98 Resp: 492494

Ion Ratio Lower Upper

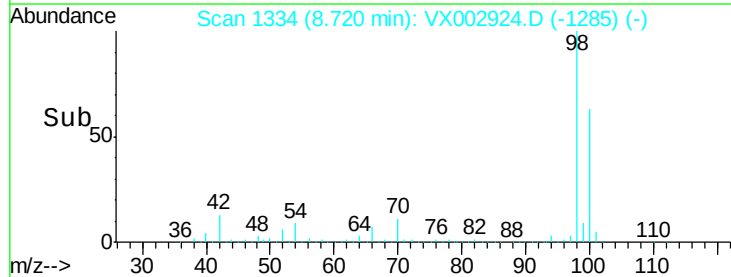
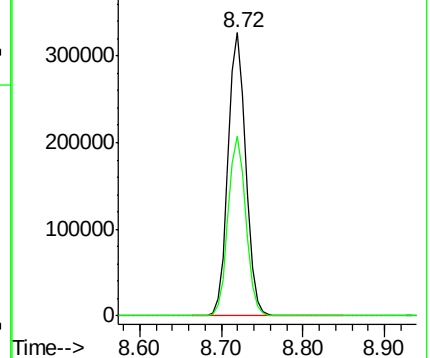
98 100

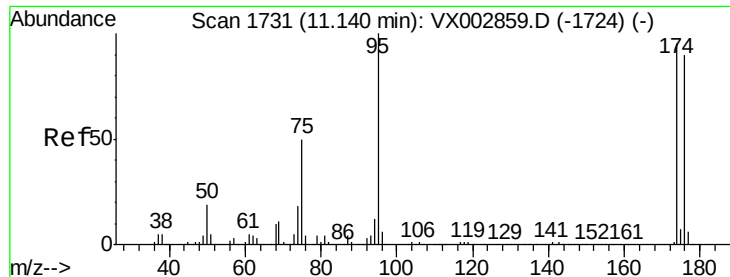
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002924.D

Acq: 27 Jun 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

DUP-0480-180622

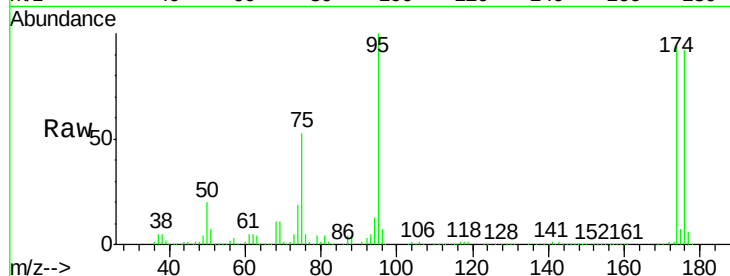
Tot Ion: 95 Resp: 170748

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

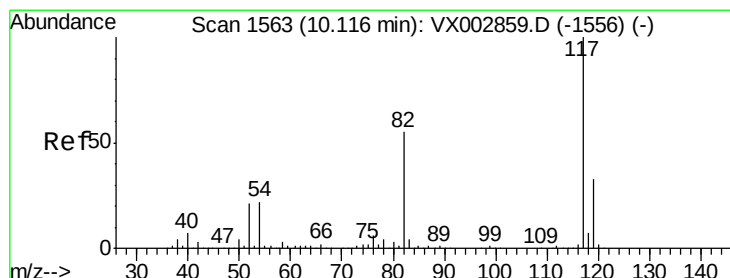
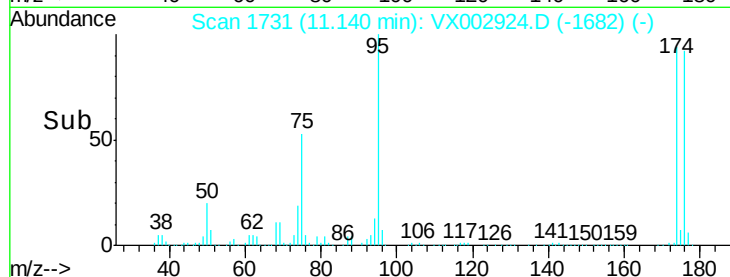
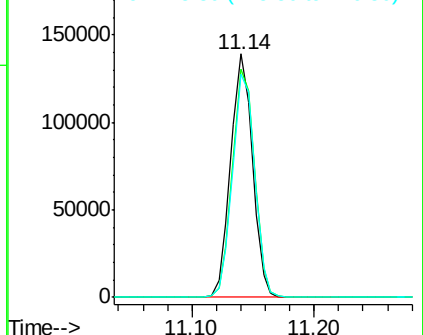
176 93.7 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002924.D

Acq: 27 Jun 2018 05:01

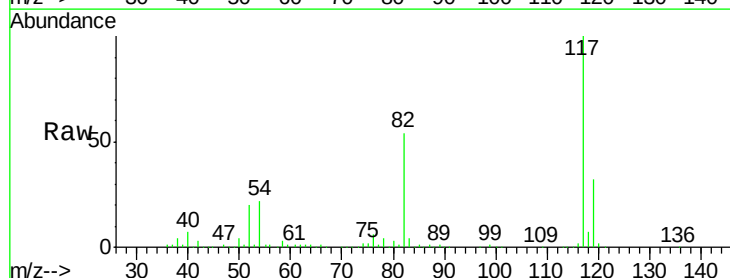
Tgt Ion: 117 Resp: 322028

Ion Ratio Lower Upper

117 100

82 54.3 45.0 67.4

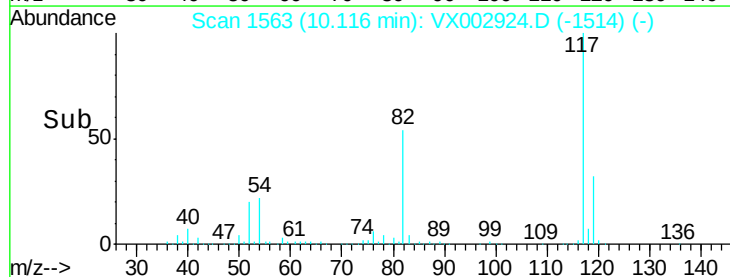
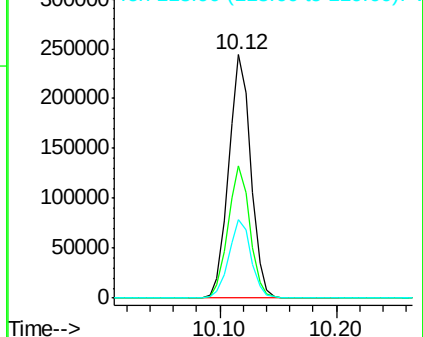
119 32.2 25.8 38.6

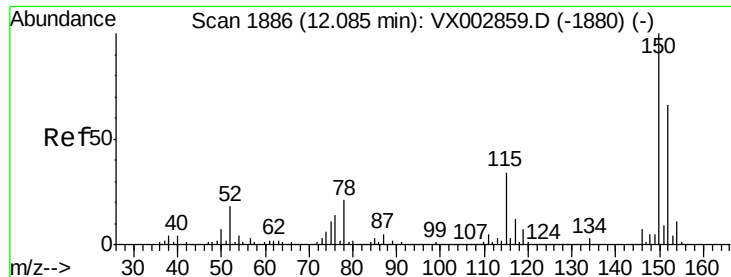


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002924.D

Acq: 27 Jun 2018 05:01

Instrument :

MSVOA_X

ClientSampleId :

DUP-0480-180622

Tot Ion:152 Resp: 179076

Ion Ratio Lower Upper

152 100

115 54.3 40.1 120.2

150 157.0 0.0 347.2

