

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003017.D
 Acq On : 29 Jun 2018 06:41
 Operator : JC/MD
 Sample : J3720-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Jun 29 10:20:00 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	291903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222127	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193993	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	5.51	113	156649	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.72	98	576435	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.14	95	206013	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	

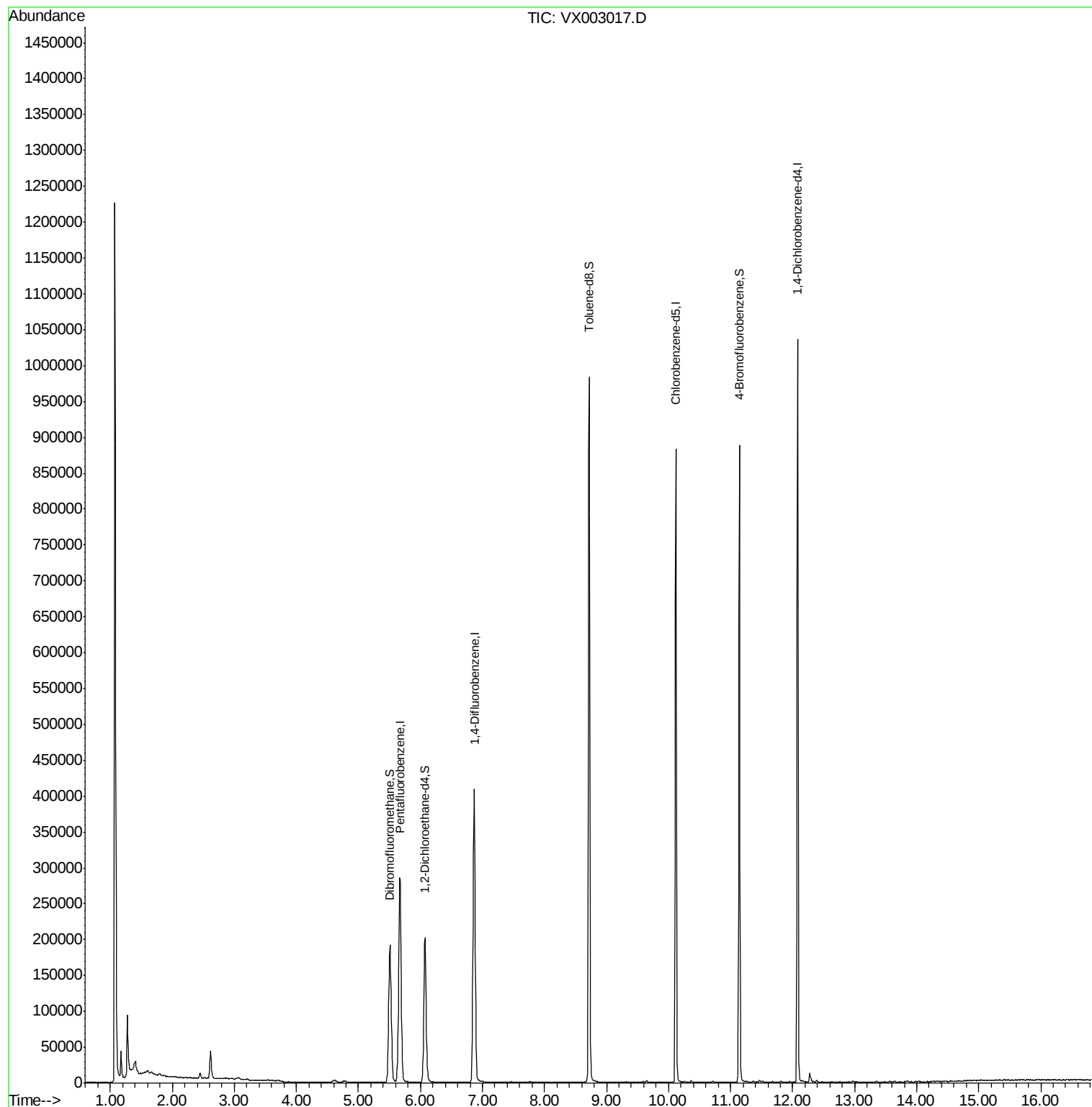
Target Compounds	Qvalue

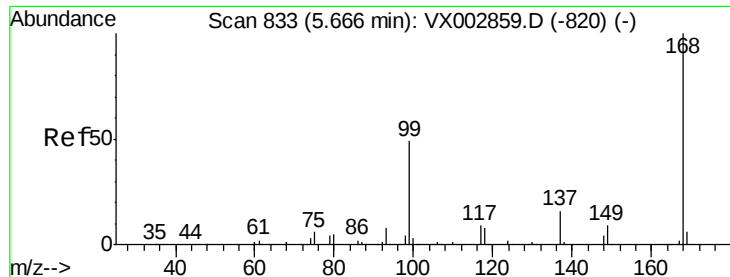
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003017.D

Acq: 29 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampleId :

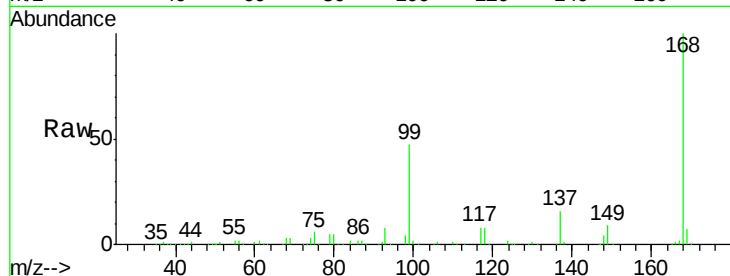
MW-4

Tot Ion:168 Resp: 291903

Ion Ratio Lower Upper

168 100

99 47.0 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

120000

100000

80000

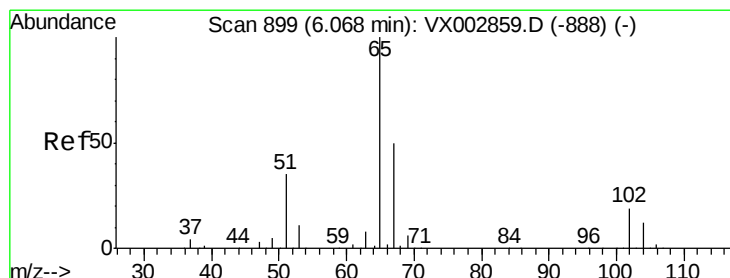
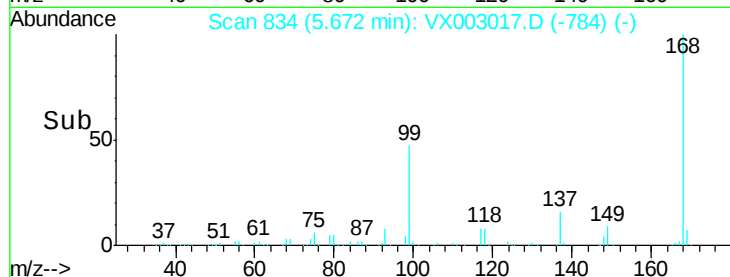
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.08 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003017.D

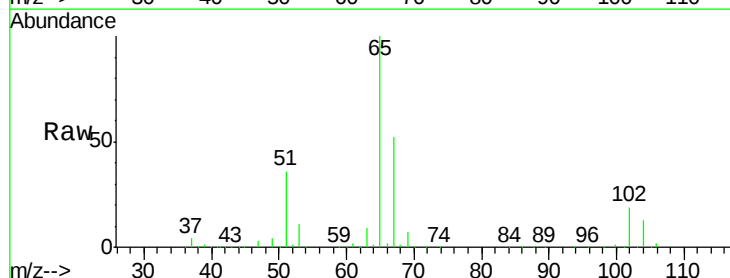
Acq: 29 Jun 2018 06:41

Tgt Ion: 65 Resp: 193993

Ion Ratio Lower Upper

65 100

67 51.1 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

80000

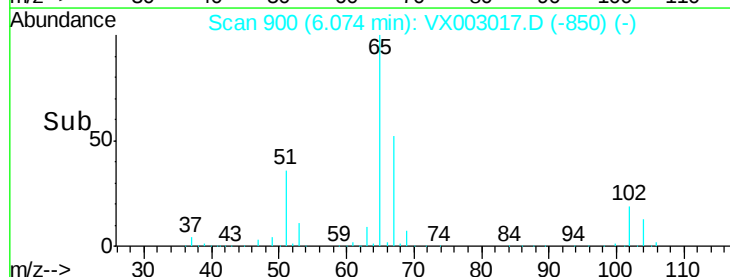
60000

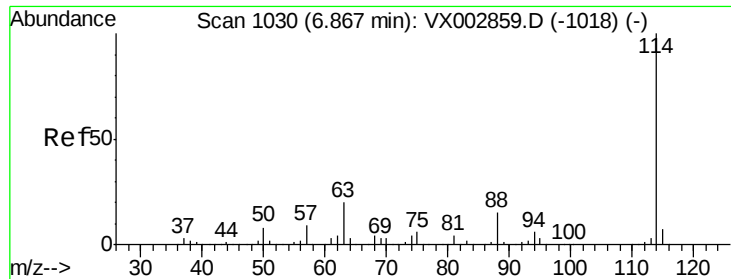
40000

20000

0

Time--> 6.00 6.10 6.20

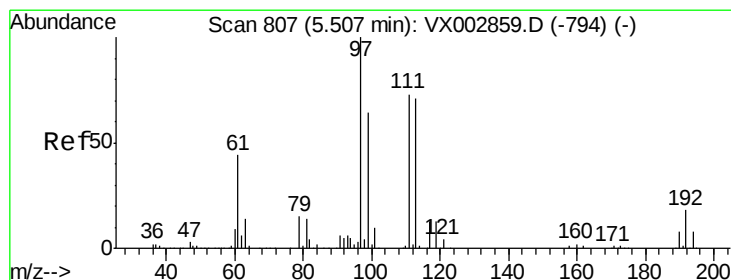
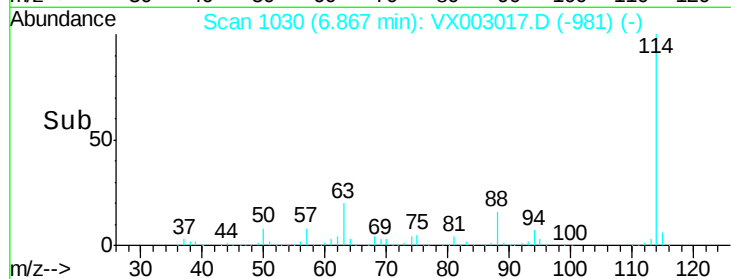
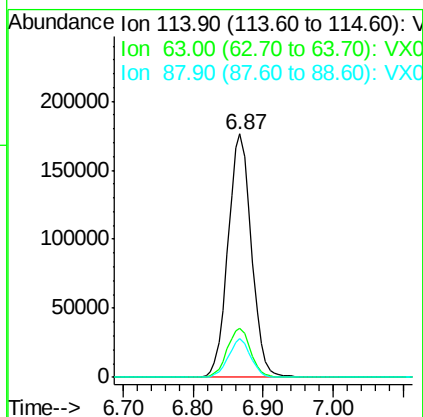
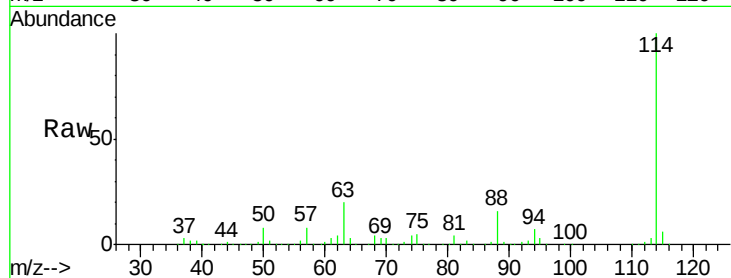




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003017.D
 Acq: 29 Jun 2018 06:41

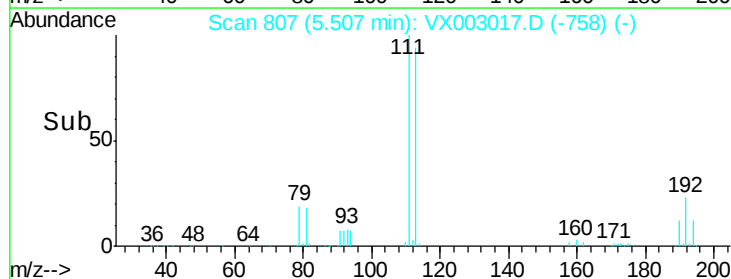
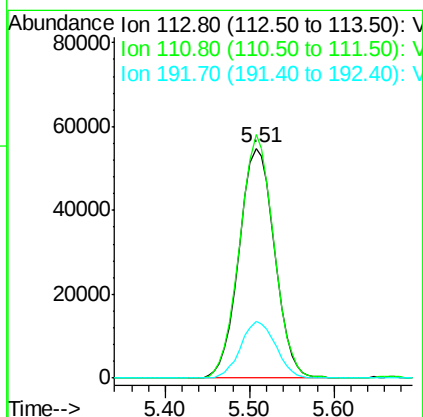
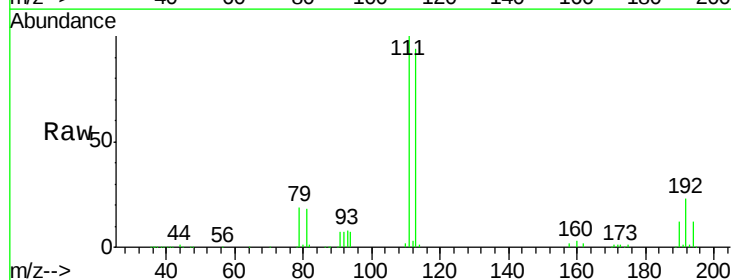
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

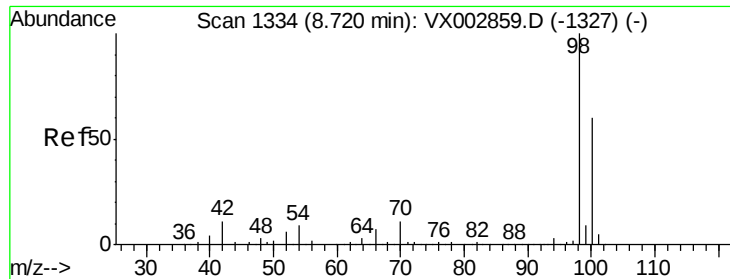
Tot Ion:114 Resp: 409478
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.8 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.31 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003017.D
 Acq: 29 Jun 2018 06:41

Tgt Ion:113 Resp: 156649
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 24.6 19.1 28.7





#50

Toluene-d8

Concen: 48.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003017.D

Acq: 29 Jun 2018 06:41

Instrument :

MSVOA_X

ClientSampleId :

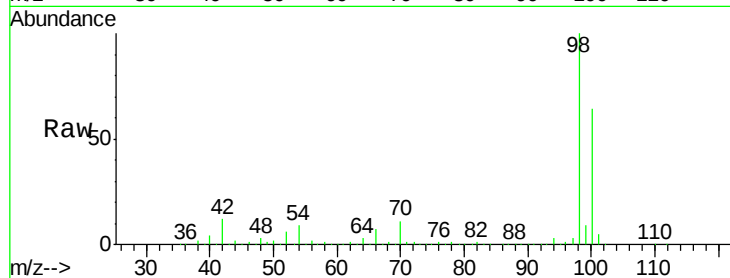
MW-4

Tot Ion: 98 Resp: 576435

Ion Ratio Lower Upper

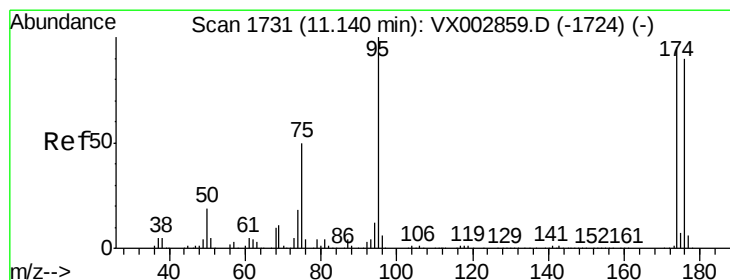
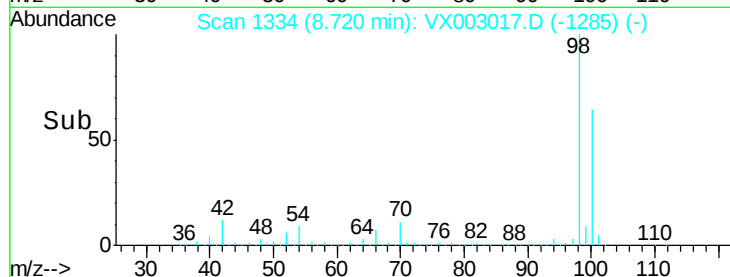
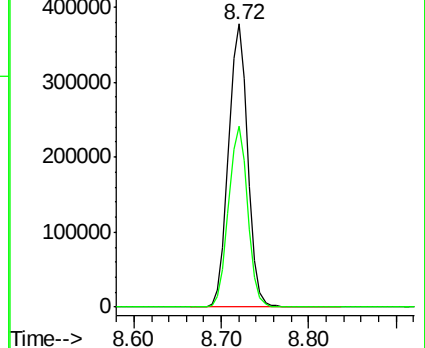
98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003017.D

Acq: 29 Jun 2018 06:41

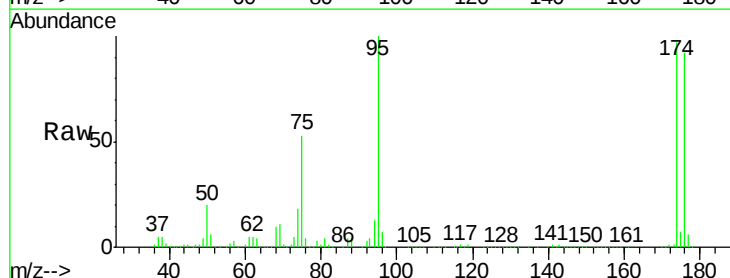
Tgt Ion: 95 Resp: 206013

Ion Ratio Lower Upper

95 100

174 97.9 0.0 187.4

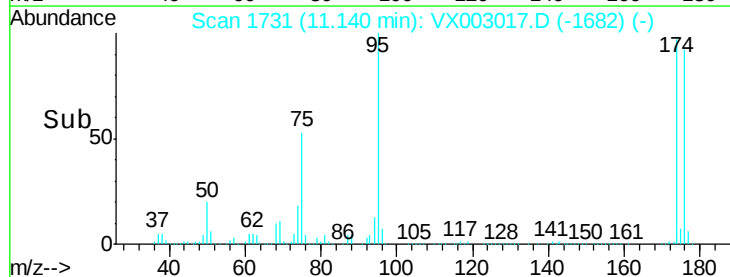
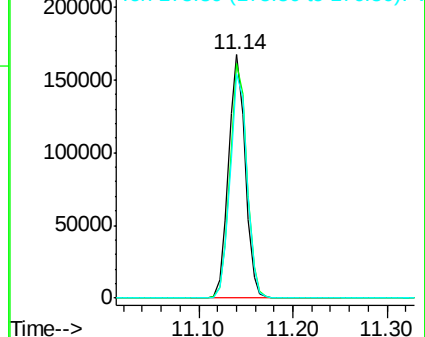
176 94.1 0.0 181.0

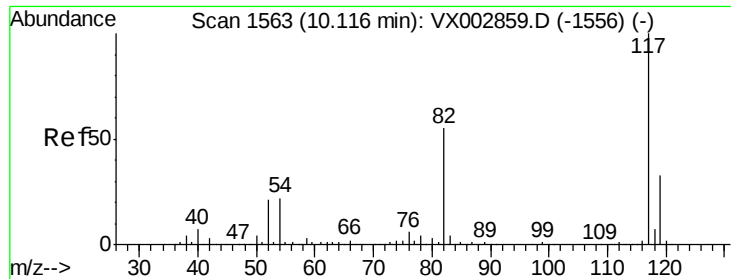


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

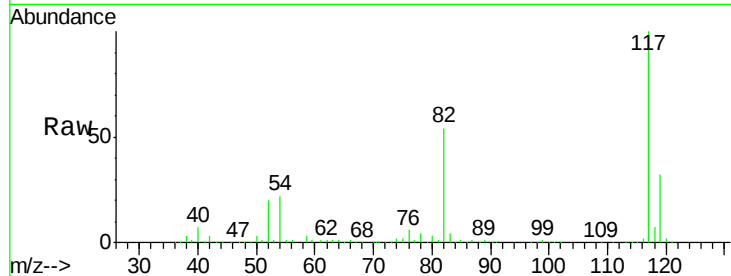




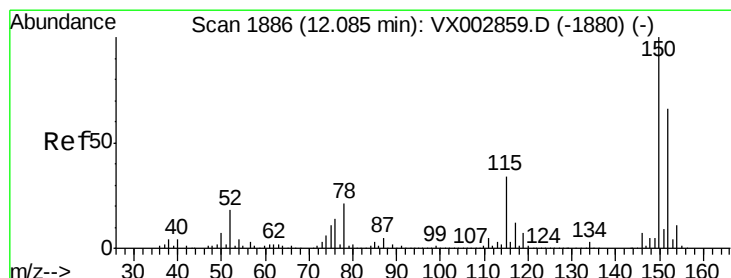
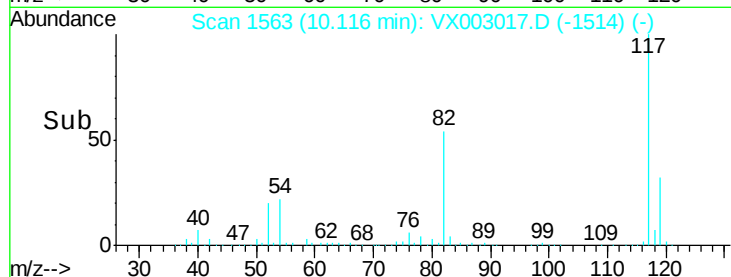
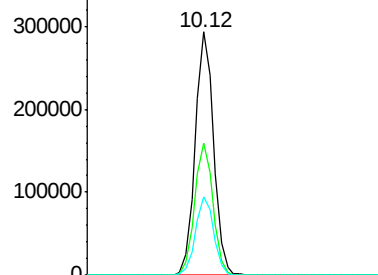
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003017.D
Acq: 29 Jun 2018 06:41

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tot Ion:117 Resp: 382827
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.4 25.8 38.6

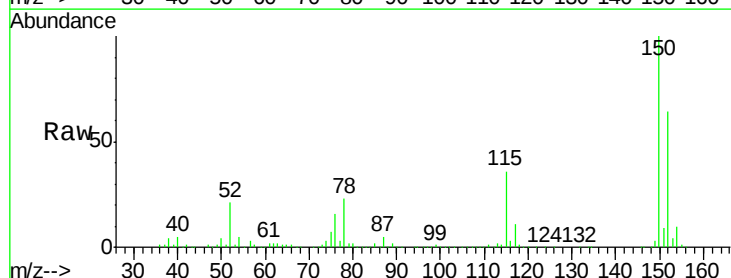


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003017.D
Acq: 29 Jun 2018 06:41

Tgt Ion:152 Resp: 222127
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 155.2 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

