

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003107.D
 Acq On : 01 Jul 2018 05:07
 Operator : JC/MD
 Sample : J3800-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Jul 03 11:27:29 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	299314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	406065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	376762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188781	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
35) Dibromofluoromethane	5.51	113	161348	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.72	98	565143	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.14	95	203608	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	

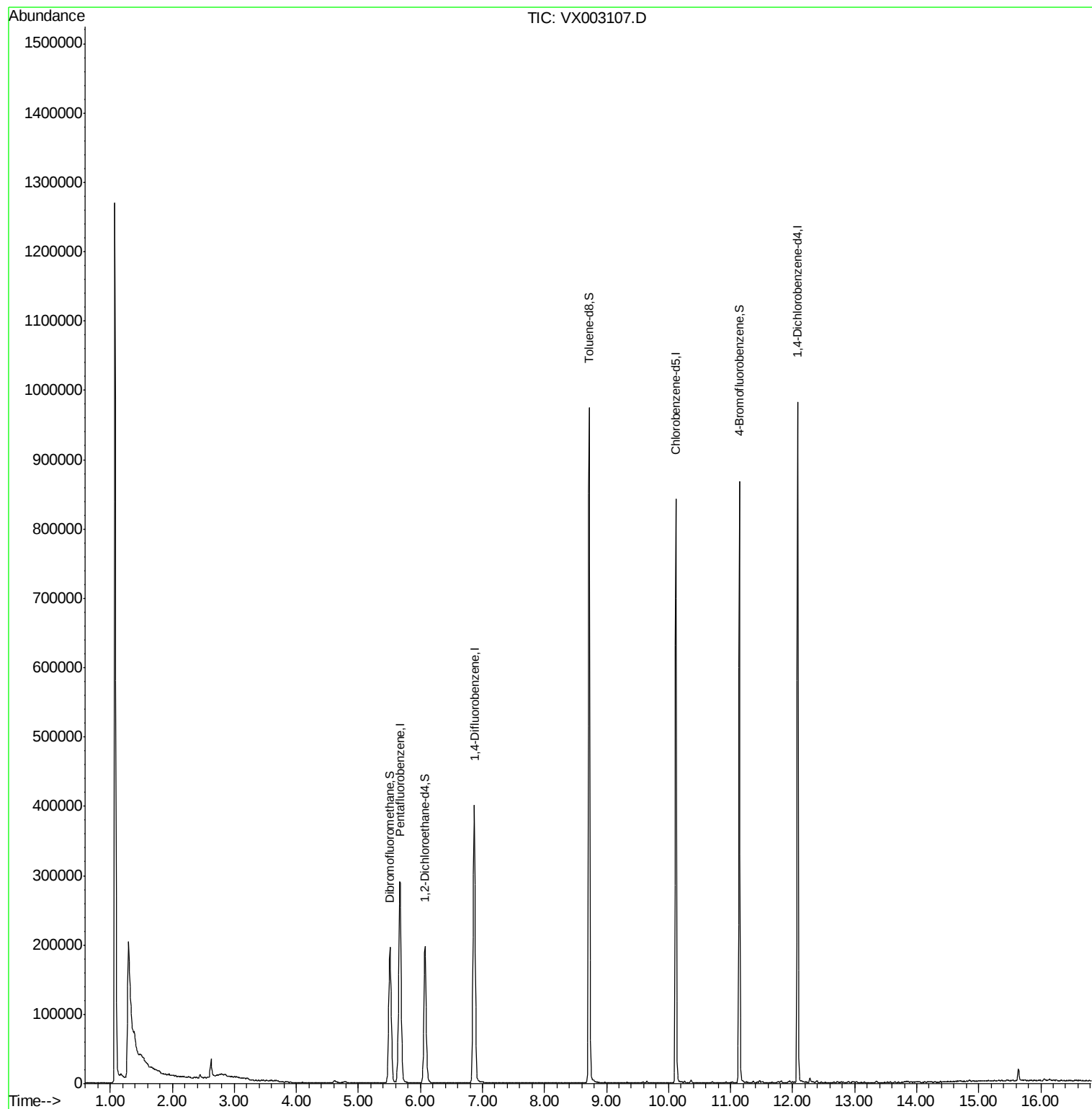
Target Compounds	Qvalue

(#) = 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: VX003107.D

Acq: 01 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

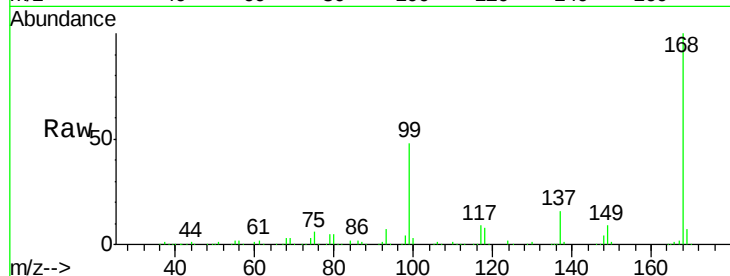
MW-14

Tot Ion:168 Resp: 299314

Ion Ratio Lower Upper

168 100

99 47.8 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

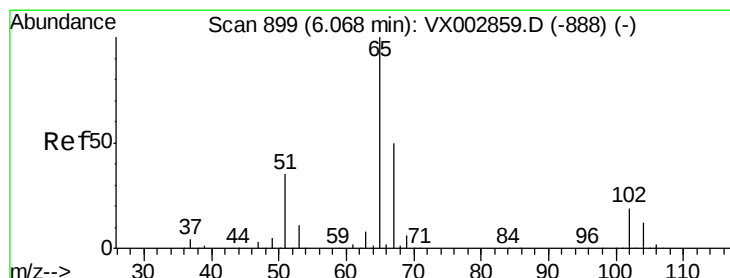
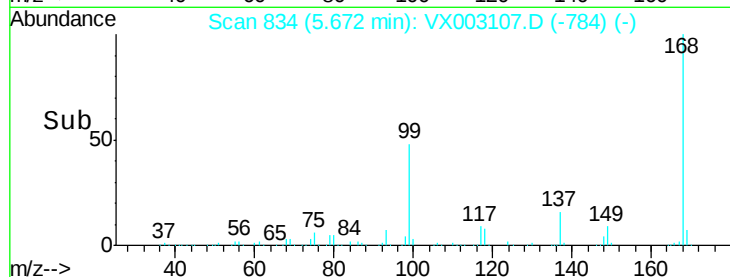
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003107.D

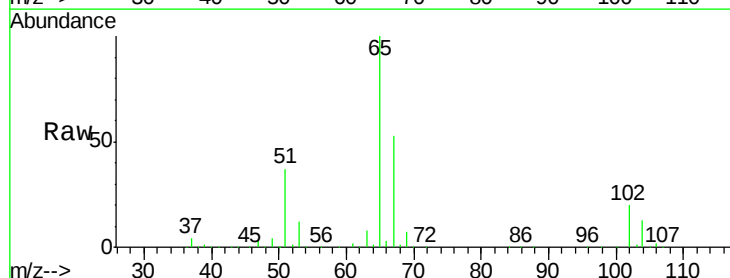
Acq: 01 Jul 2018 05:07

Tgt Ion: 65 Resp: 188781

Ion Ratio Lower Upper

65 100

67 52.2 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

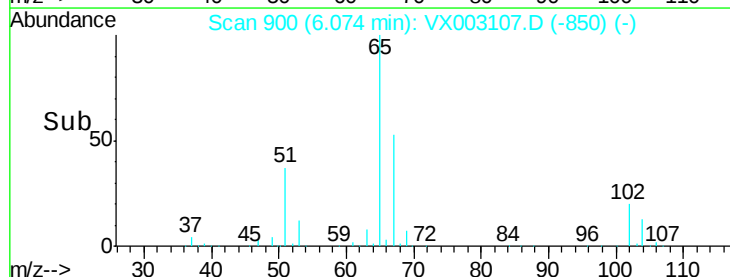
60000

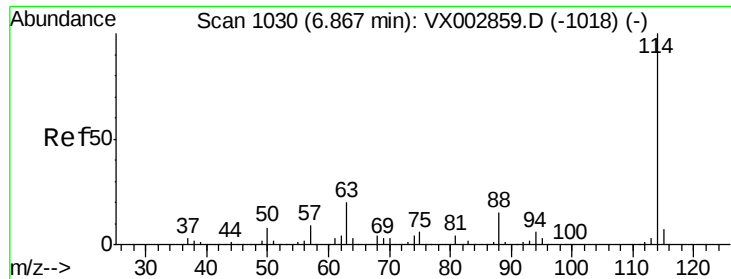
40000

20000

0

Time--> 6.00 6.10 6.20

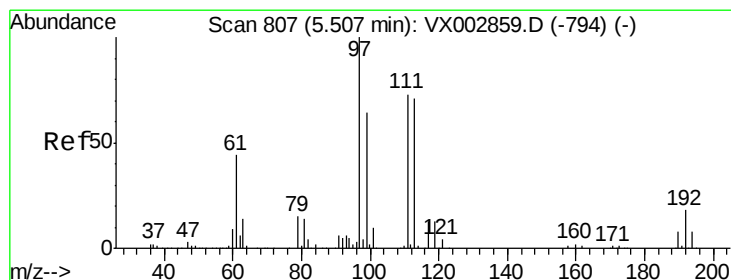
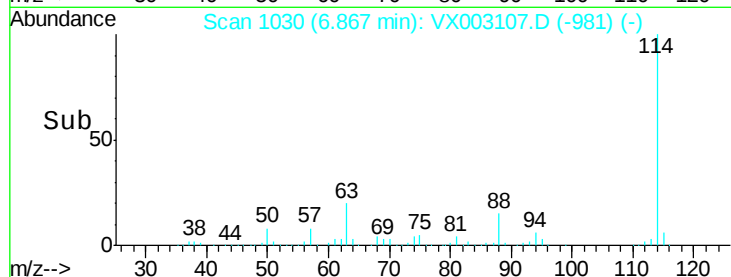
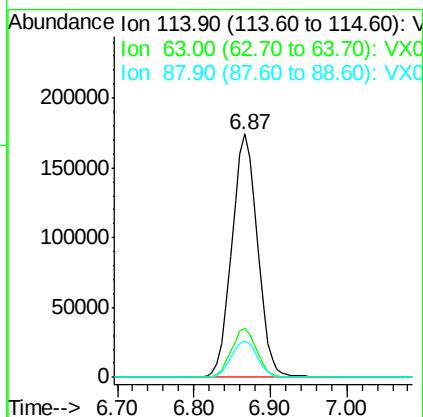
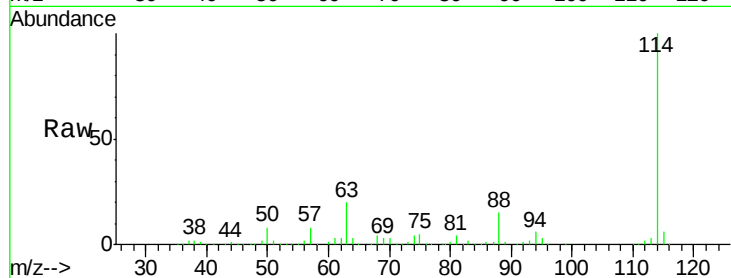




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003107.D
 Acq: 01 Jul 2018 05:07

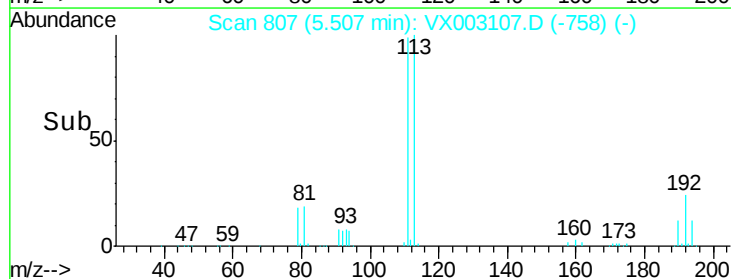
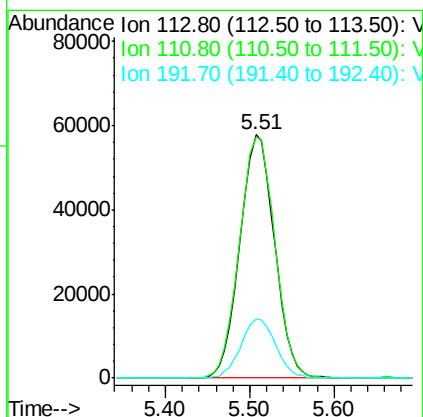
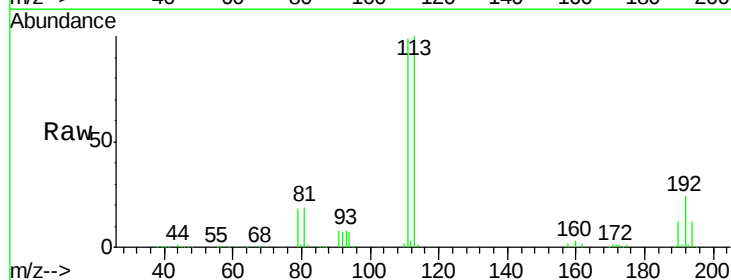
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

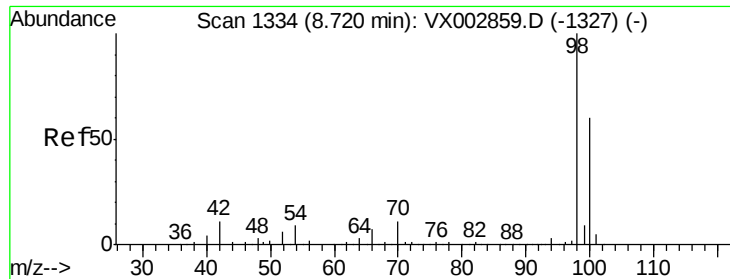
Tot Ion:114 Resp: 406065
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.1 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 50.18 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003107.D
 Acq: 01 Jul 2018 05:07

Tgt Ion:113 Resp: 161348
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 24.4 19.1 28.7





#50

Toluene-d8

Concen: 48.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003107.D

Acq: 01 Jul 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

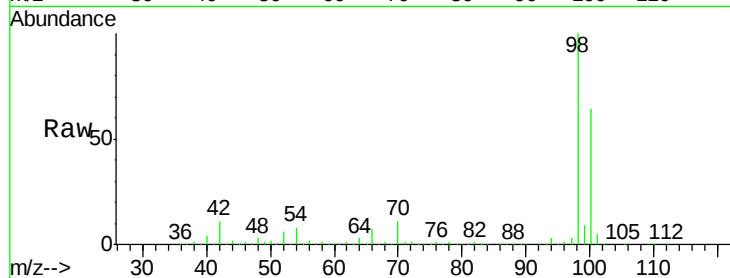
MW-14

Tot Ion: 98 Resp: 565143

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): VX

8.72

400000

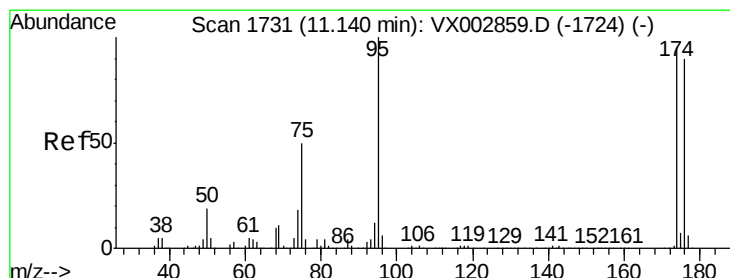
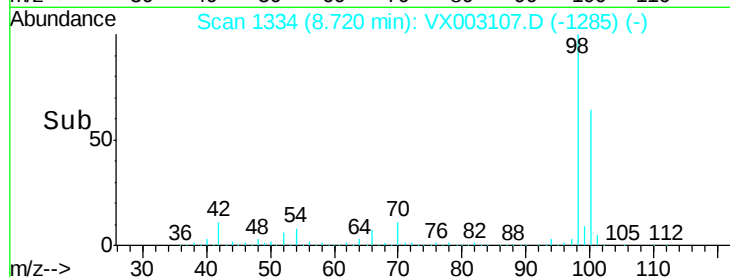
300000

200000

100000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003107.D

Acq: 01 Jul 2018 05:07

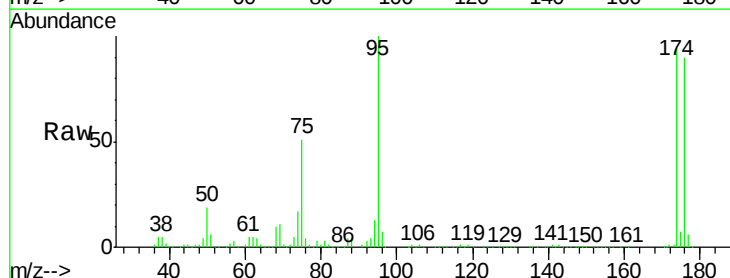
Tgt Ion: 95 Resp: 203608

Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

176 94.2 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

11.14

200000

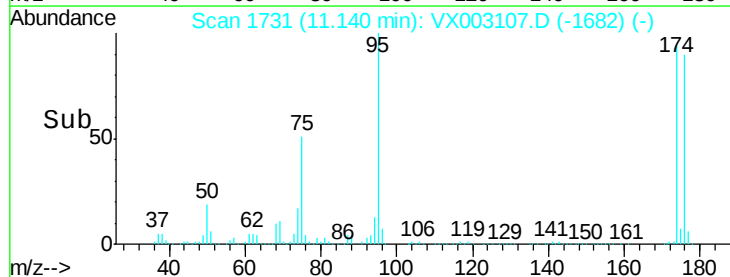
150000

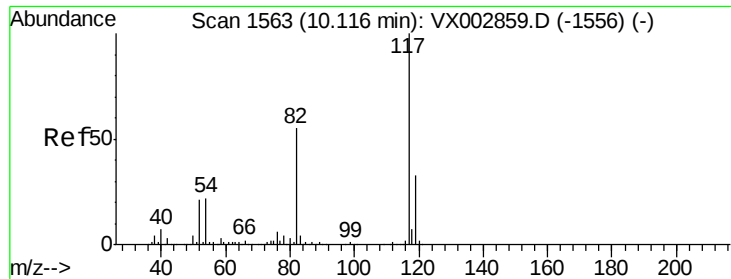
100000

50000

0

Time--> 11.10 11.20

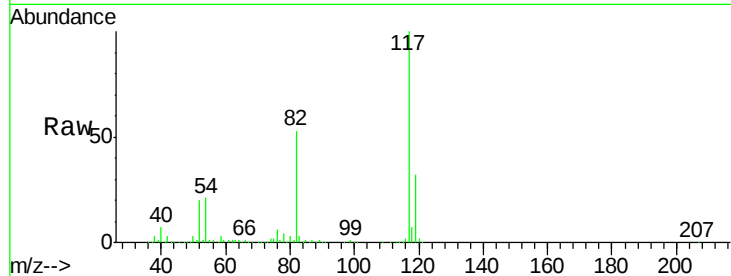




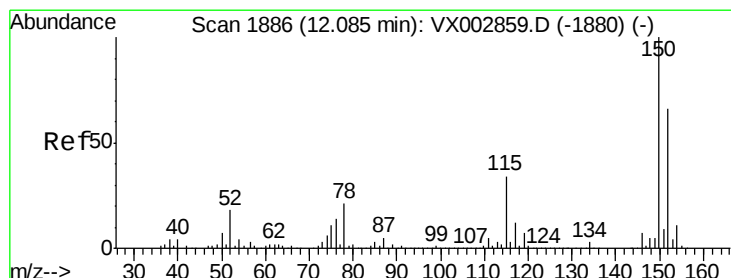
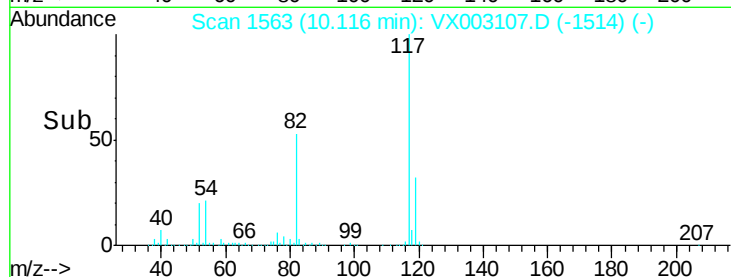
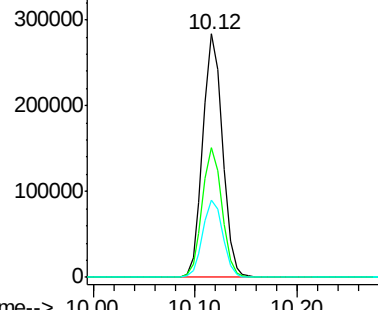
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003107.D
Acq: 01 Jul 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tot Ion:117 Resp: 376762
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 31.7 25.8 38.6

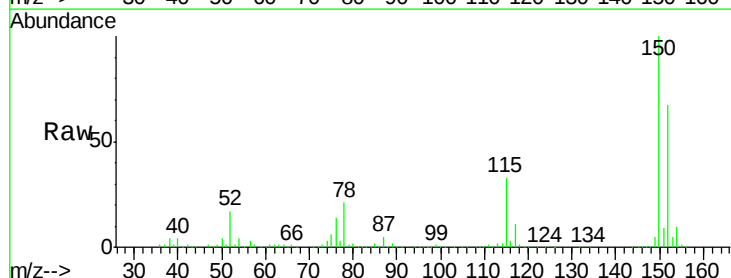


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003107.D
Acq: 01 Jul 2018 05:07

Tgt Ion:152 Resp: 218073
Ion Ratio Lower Upper
152 100
115 53.5 40.1 120.2
150 154.2 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

