

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003200.D
 Acq On : 06 Jul 2018 04:34
 Operator : JC/MD
 Sample : J3844-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST010MW005-180702

Quant Time: Jul 06 11:23:20 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	280831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	391612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208385	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177990	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
35) Dibromofluoromethane	5.51	113	149087	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
50) Toluene-d8	8.72	98	548072	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.14	95	191668	43.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.76%	

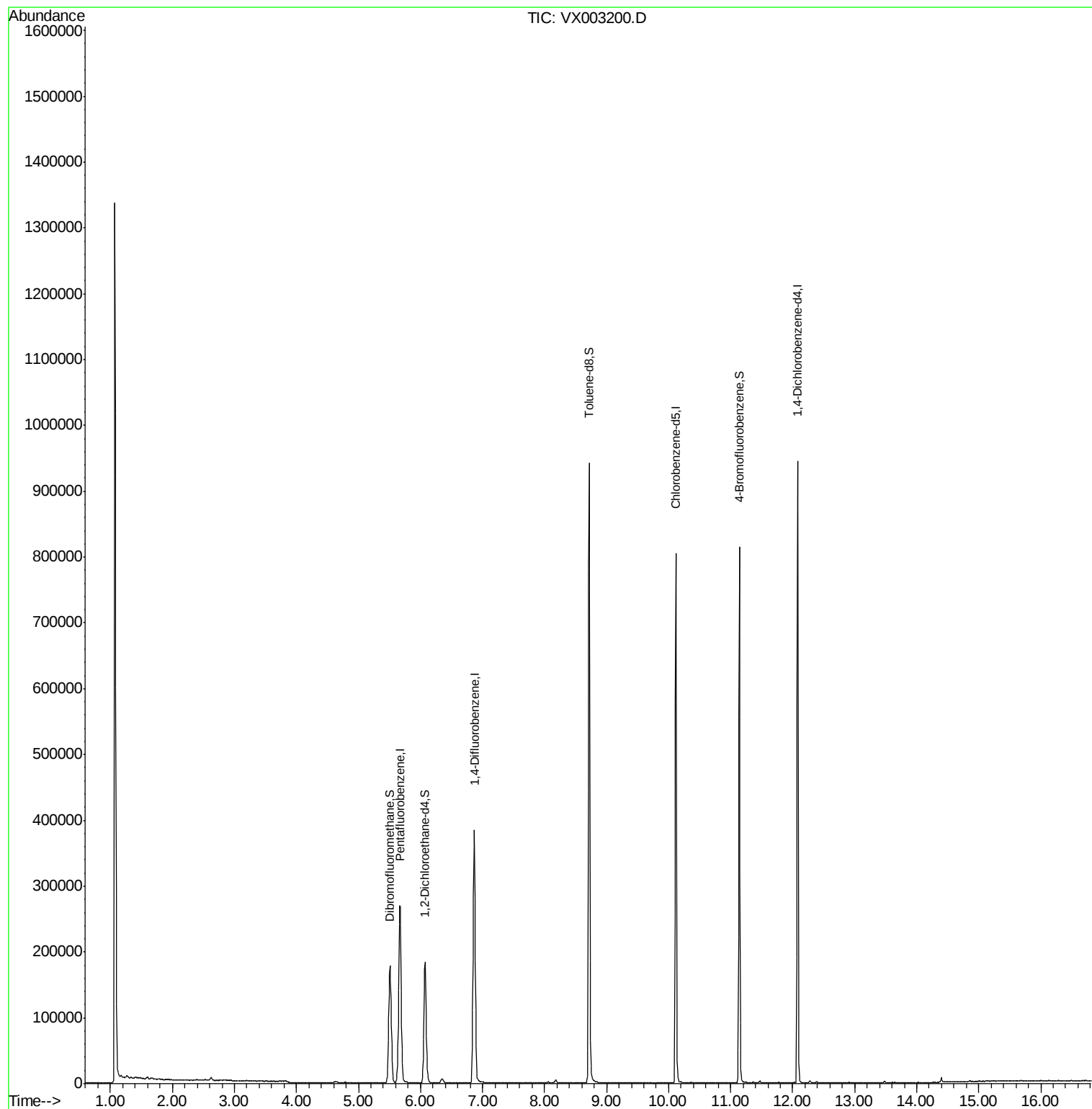
Target Compounds	Qvalue

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX003200.D

Acq: 06 Jul 2018 04:34

Instrument :

MSVOA_X

ClientSampleId :

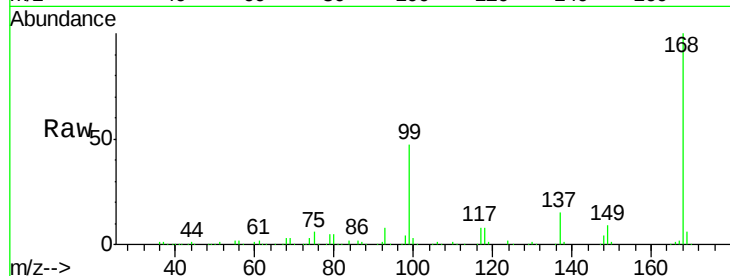
ST010MW005-180702

Tot Ion:168 Resp: 280831

Ion Ratio Lower Upper

168 100

99 46.9 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

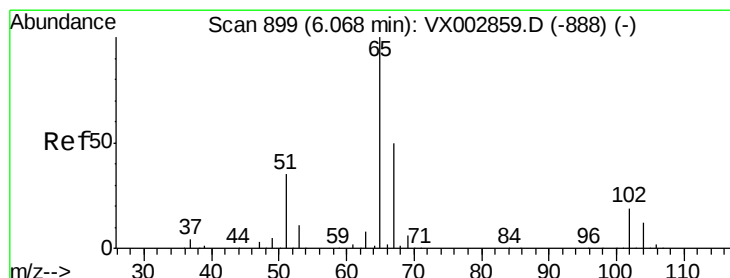
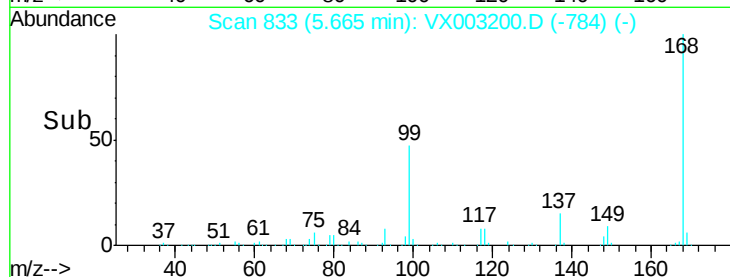
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003200.D

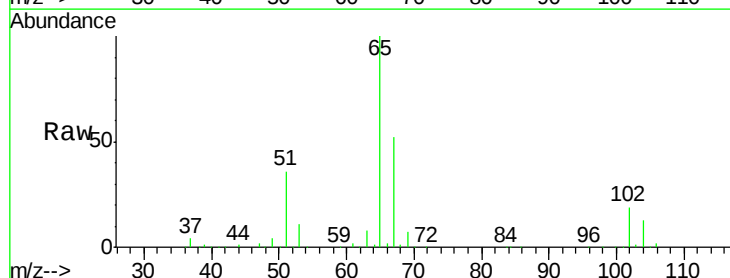
Acq: 06 Jul 2018 04:34

Tgt Ion: 65 Resp: 177990

Ion Ratio Lower Upper

65 100

67 51.8 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

80000

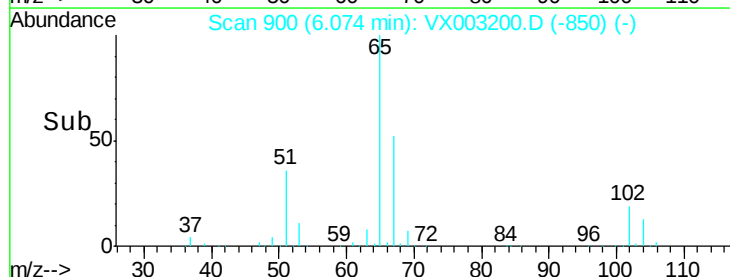
60000

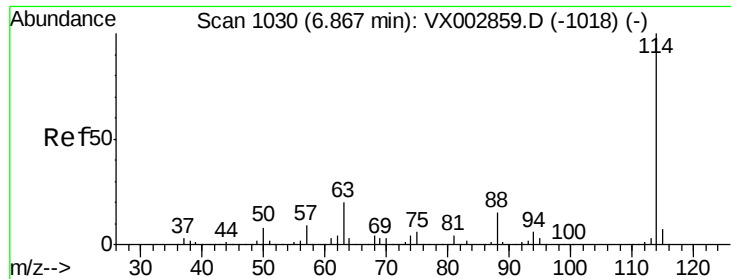
40000

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: VX003200.D

Acq: 06 Jul 2018 04:34

Instrument :

MSVOA_X

ClientSampleId :

ST010MW005-180702

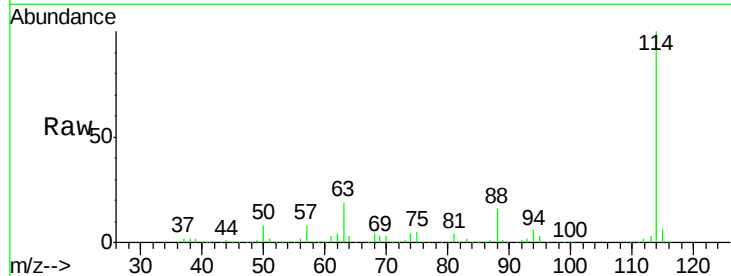
Tot Ion:114 Resp: 391612

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

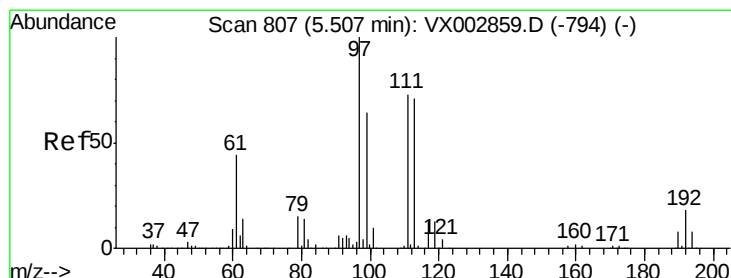
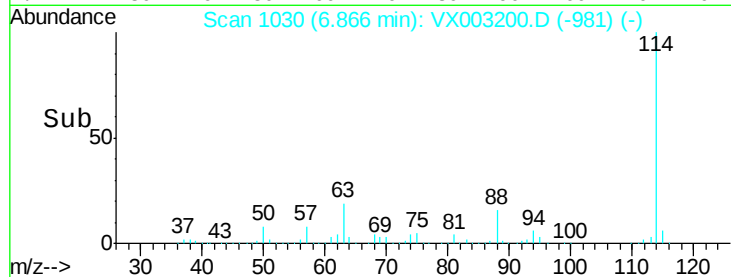
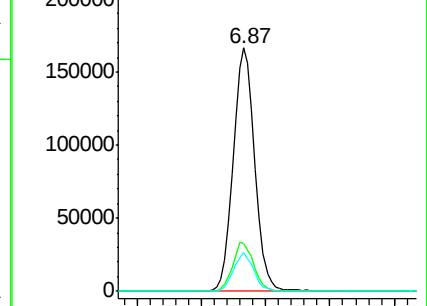
88 15.8 0.0 30.0



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: 48.07 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003200.D

Acq: 06 Jul 2018 04:34

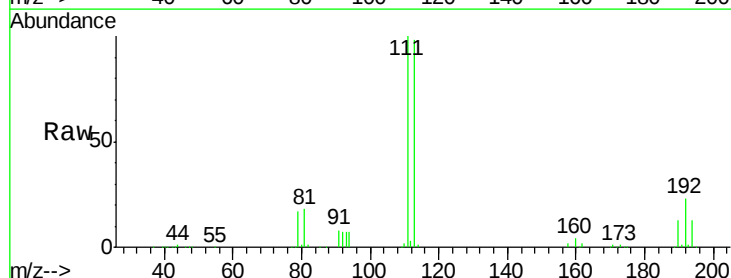
Tgt Ion:113 Resp: 149087

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

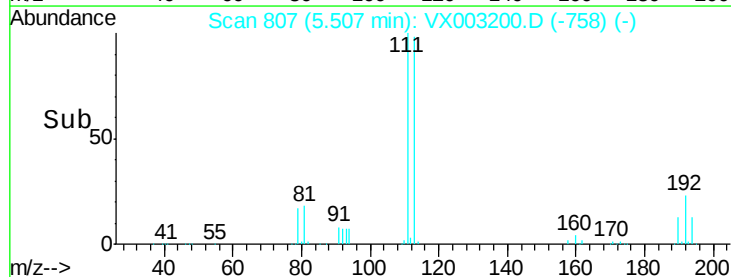
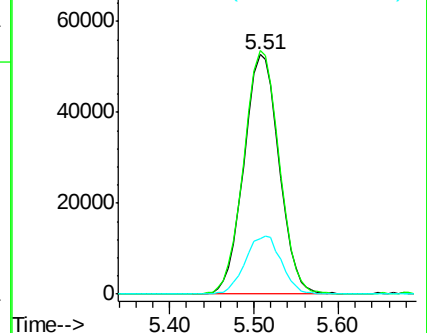
192 25.0 19.1 28.7

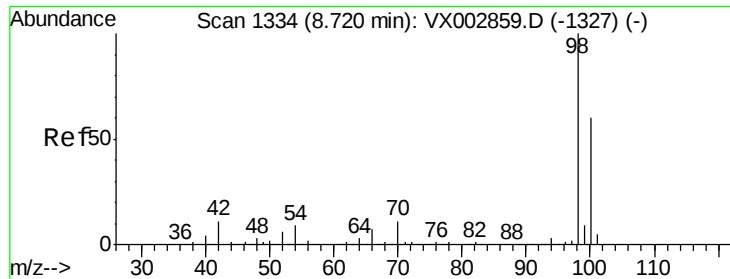


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003200.D

Acq: 06 Jul 2018 04:34

Instrument :

MSVOA_X

ClientSampleId :

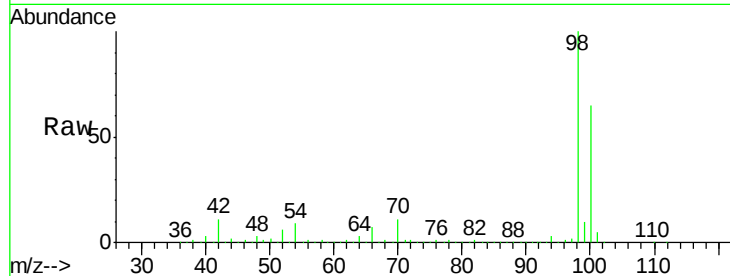
ST010MW005-180702

Tot Ion: 98 Resp: 548072

Ion Ratio Lower Upper

98 100

100 64.0 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

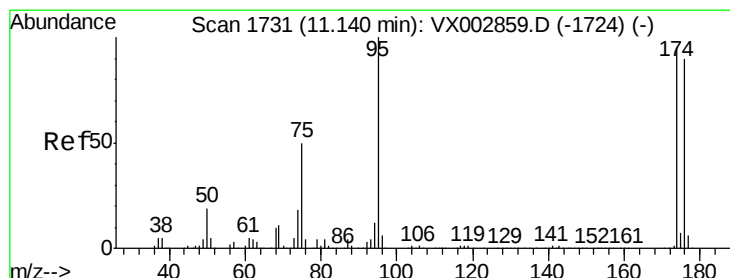
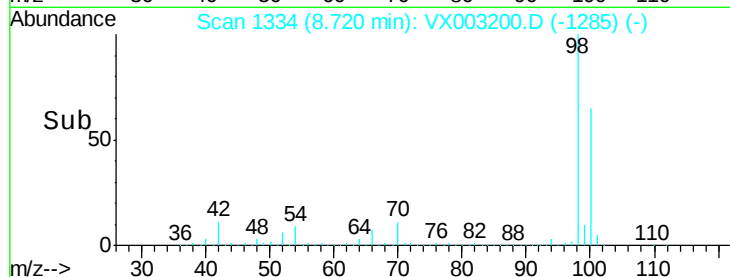
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.88 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003200.D

Acq: 06 Jul 2018 04:34

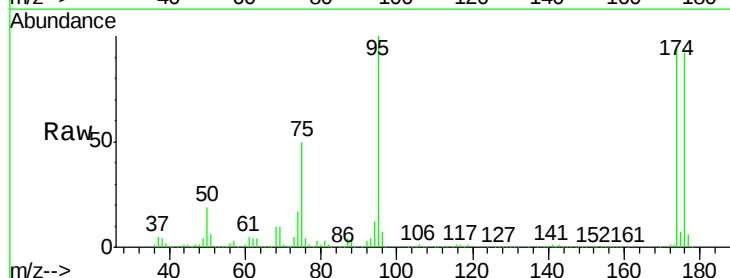
Tgt Ion: 95 Resp: 191668

Ion Ratio Lower Upper

95 100

174 99.7 0.0 187.4

176 96.7 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

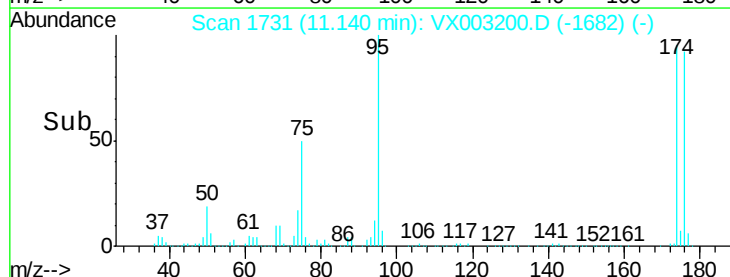
150000

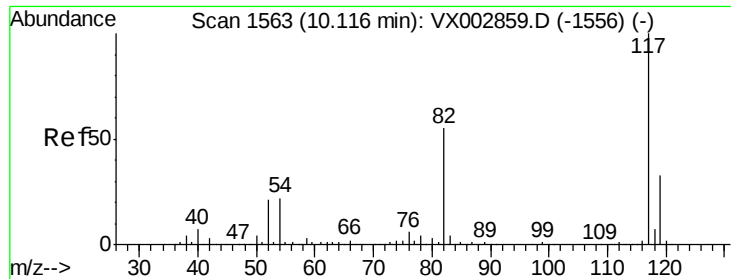
100000

50000

0

Time--> 11.10 11.20

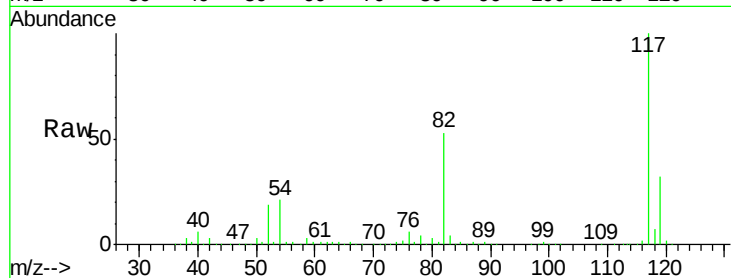




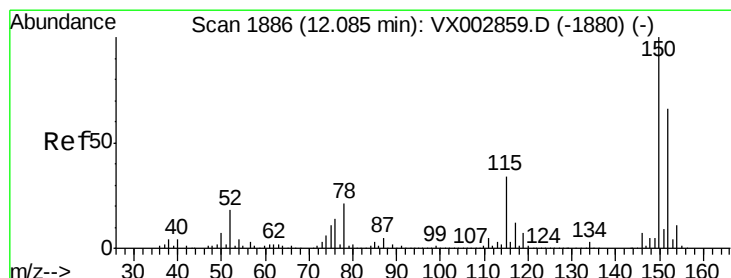
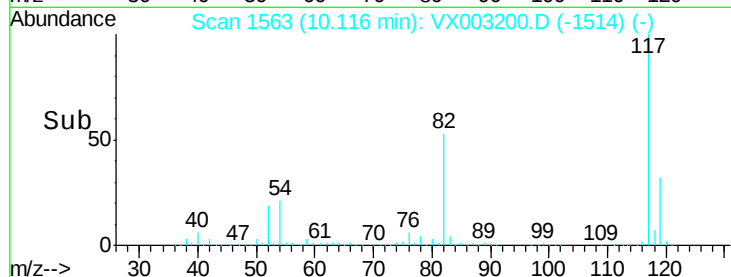
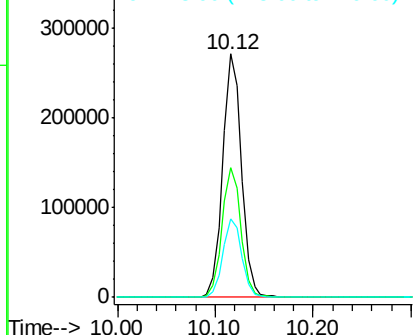
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003200.D
Acq: 06 Jul 2018 04:34

Instrument :
MSVOA_X
ClientSampleId :
ST010MW005-180702

Tot Ion:117 Resp: 362691
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.5 25.8 38.6

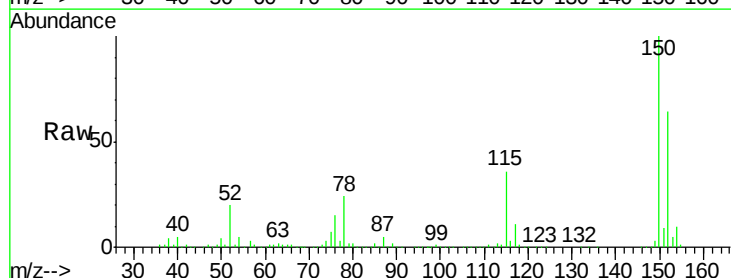


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003200.D
Acq: 06 Jul 2018 04:34

Tgt Ion:152 Resp: 208385
Ion Ratio Lower Upper
152 100
115 53.7 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

