

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003984.D
 Acq On : 10 Aug 2018 18:30
 Operator : JC/MD
 Sample : J4379-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-08082018

Quant Time: Aug 13 10:58:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	478105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	442801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237772	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	218244	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
35) Dibromofluoromethane	5.51	113	182705	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	8.72	98	659137	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.14	95	225929	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

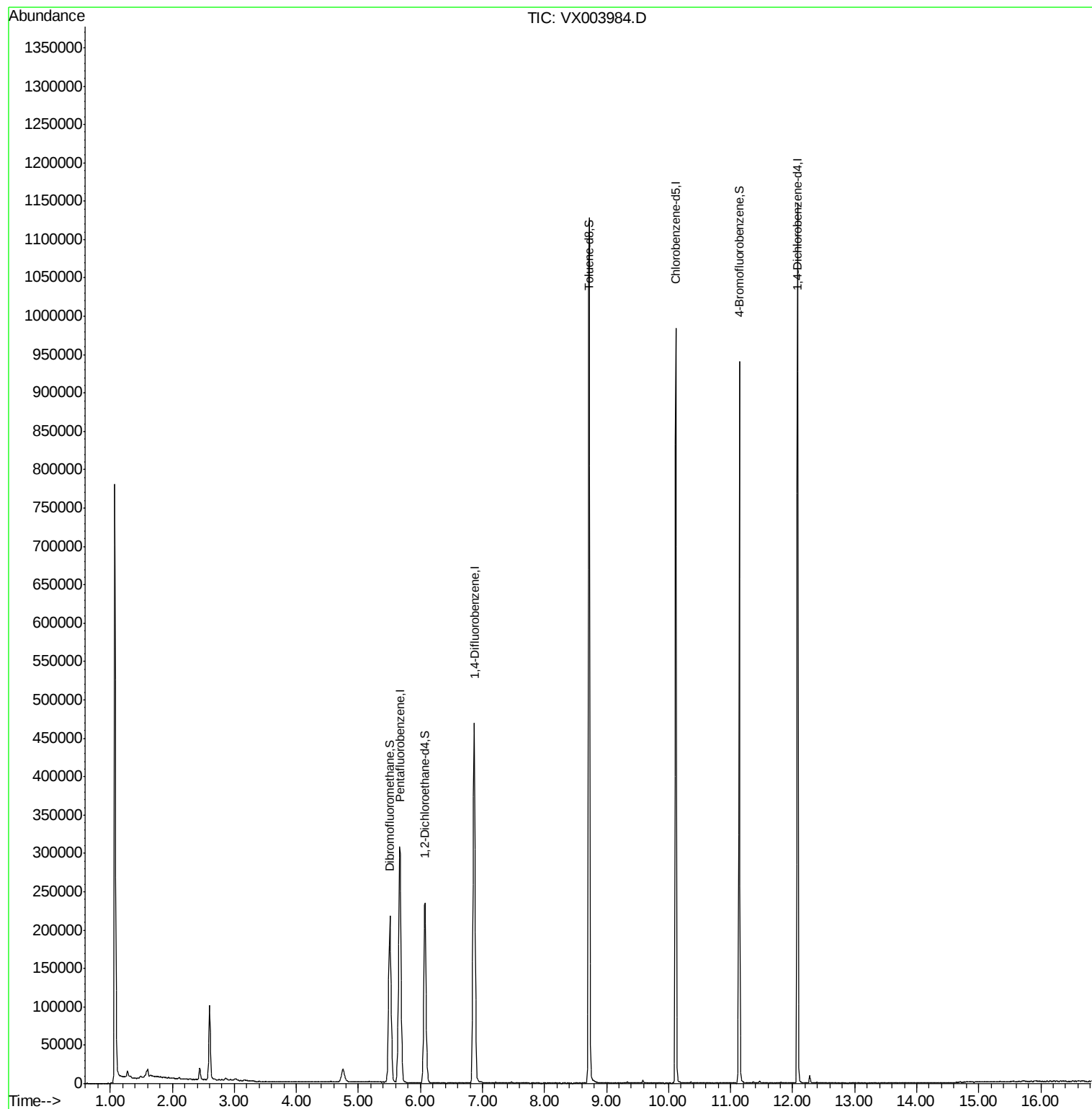
Target Compounds	Qvalue
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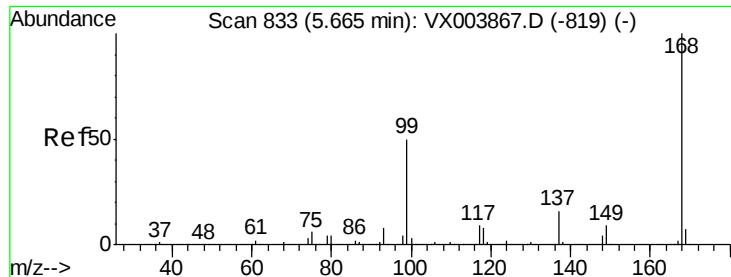
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003984.D

Acq: 10 Aug 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

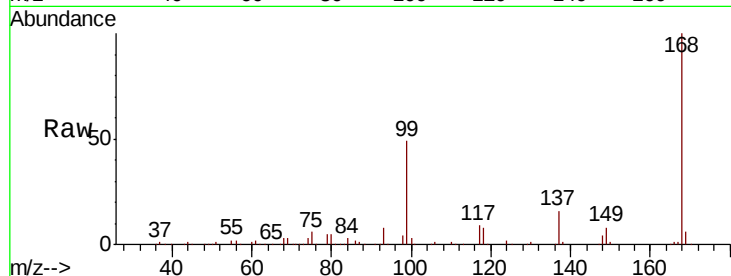
TB-08082018

Tot Ion:168 Resp: 313722

Ion Ratio Lower Upper

168 100

99 49.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

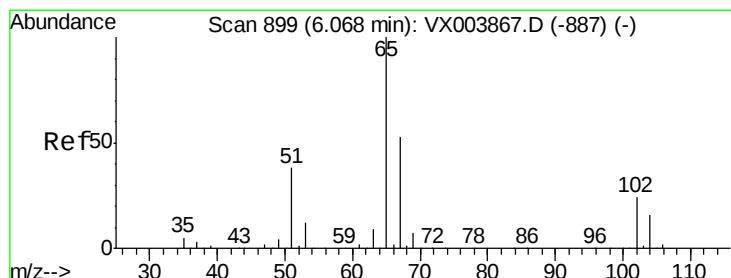
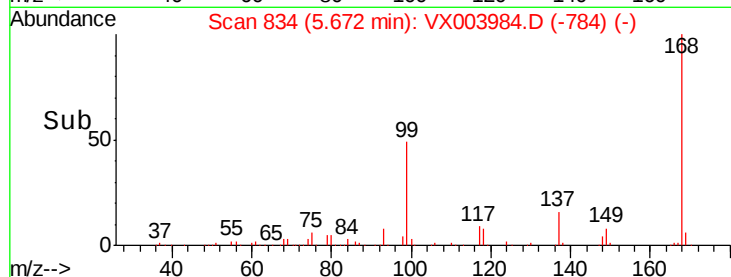
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003984.D

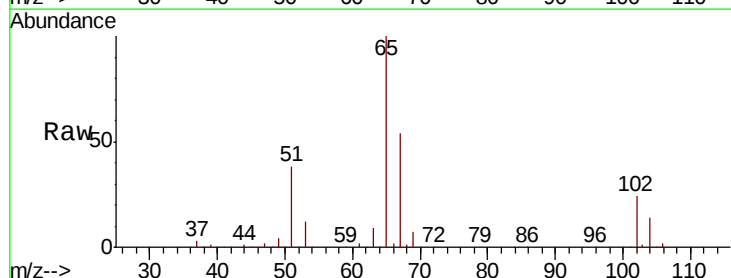
Acq: 10 Aug 2018 18:30

Tgt Ion: 65 Resp: 218244

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

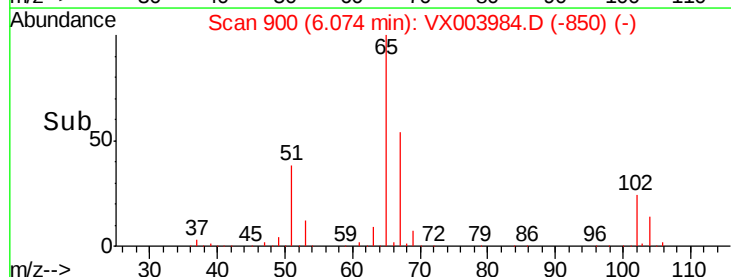
60000

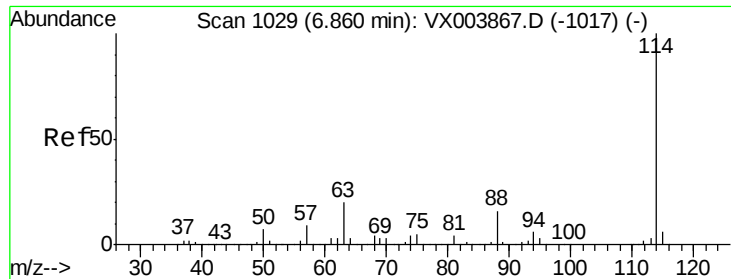
40000

20000

0

Time--> 6.00 6.10 6.20

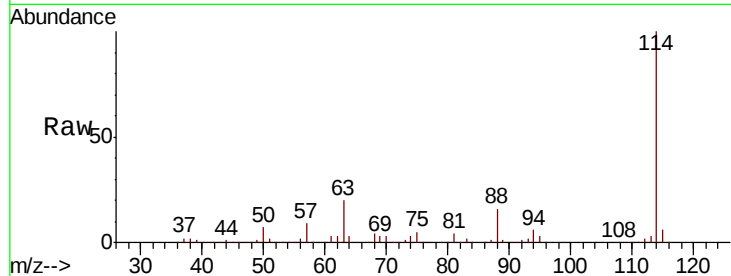




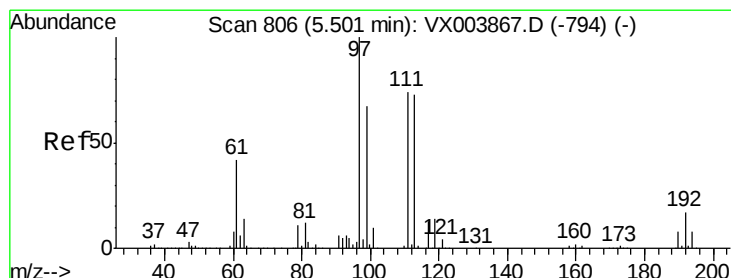
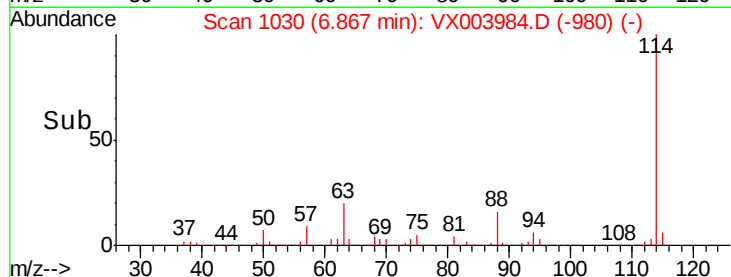
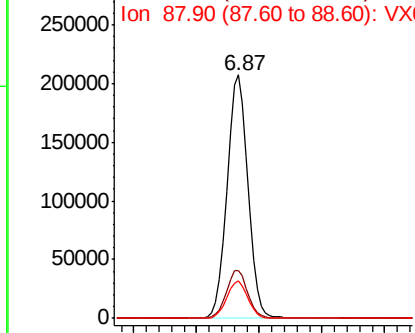
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003984.D
 Acq: 10 Aug 2018 18:30

Instrument :
 MSVOA_X
 ClientSampled :
 TB-08082018

Tot Ion:114 Resp: 478105
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.6 0.0 32.0

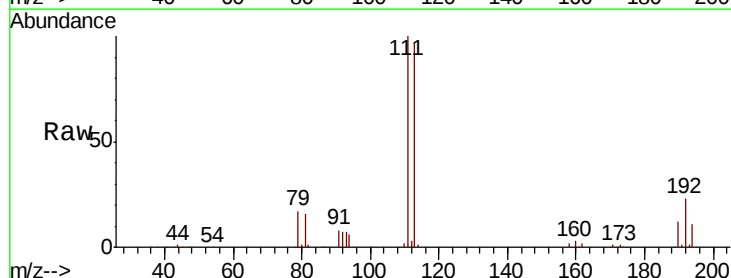


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

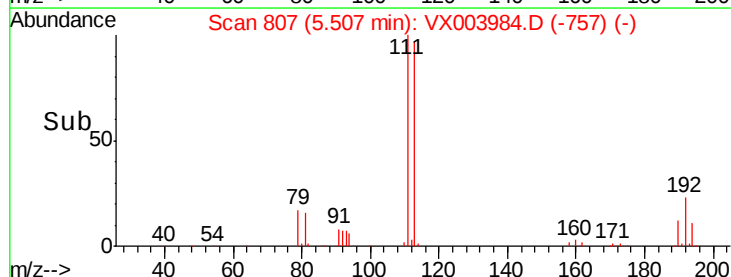
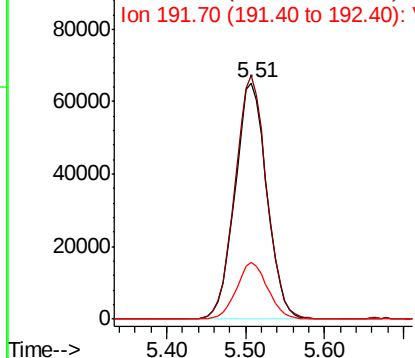


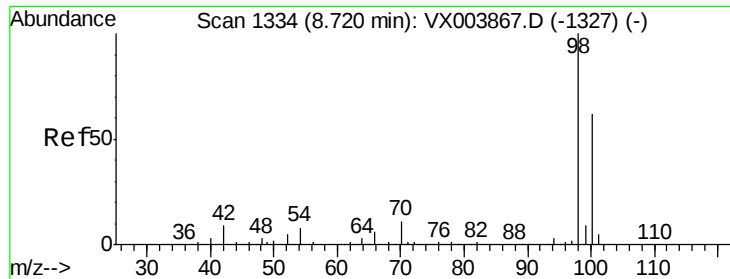
#35
 Dibromofluoromethane
 Concen: 50.44 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003984.D
 Acq: 10 Aug 2018 18:30

Tgt Ion:113 Resp: 182705
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 23.6 19.0 28.4



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: 46.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003984.D

Acq: 10 Aug 2018 18:30

Instrument :

MSVOA_X

ClientSampleId :

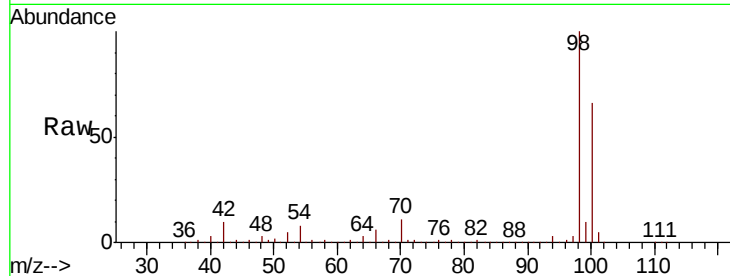
TB-08082018

Tot Ion: 98 Resp: 659137

Ion Ratio Lower Upper

98 100

100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>

8.72

400000

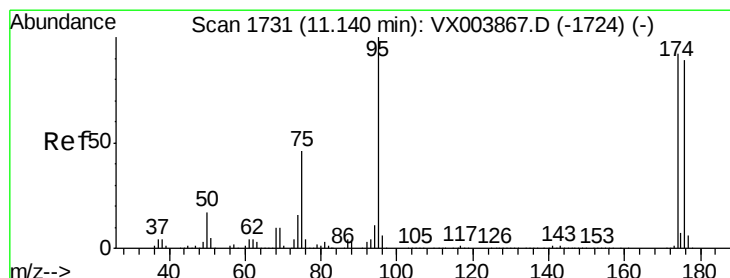
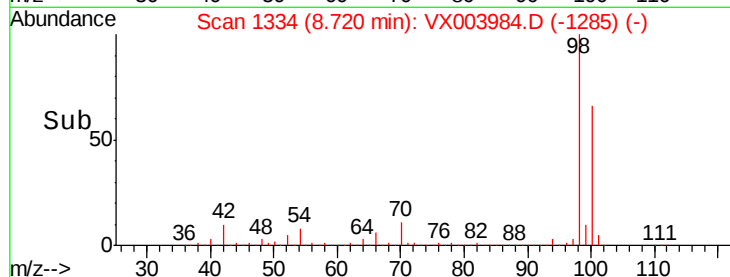
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003984.D

Acq: 10 Aug 2018 18:30

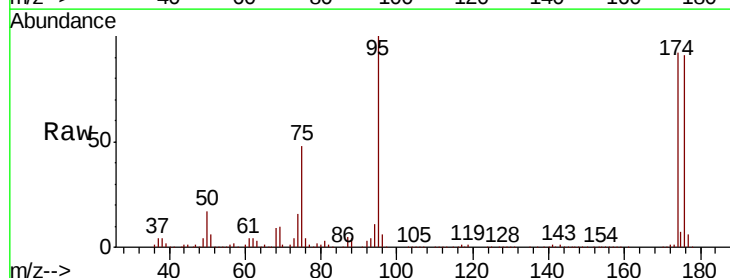
Tgt Ion: 95 Resp: 225929

Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

176 89.4 0.0 179.0



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

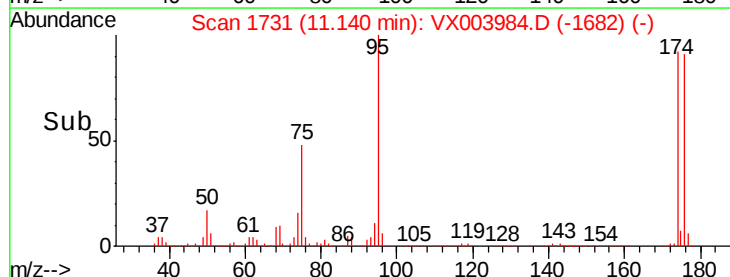
150000

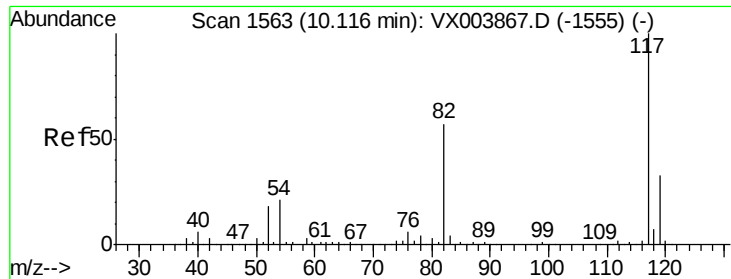
100000

50000

0

Time-->

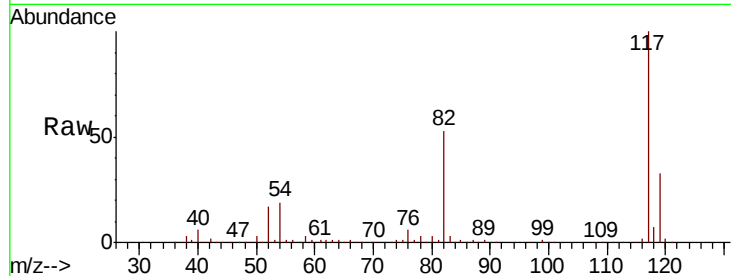




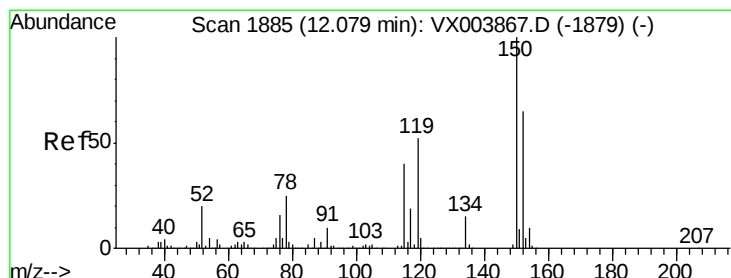
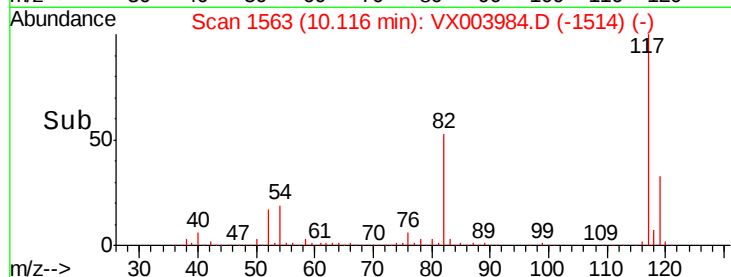
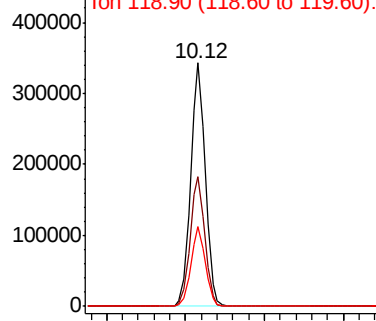
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003984.D
Acq: 10 Aug 2018 18:30

Instrument :
MSVOA_X
ClientSampled :
TB-08082018

Tot Ion:117 Resp: 442801
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 32.9 26.6 40.0

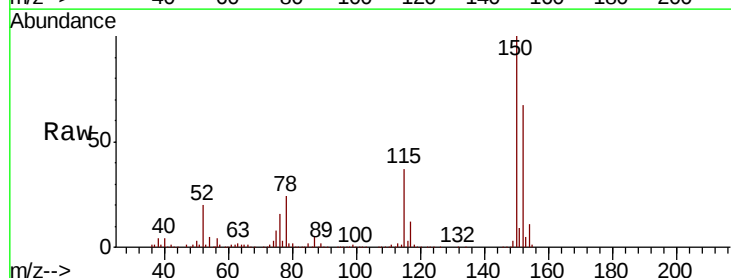


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003984.D
Acq: 10 Aug 2018 18:30

Tgt Ion:152 Resp: 237772
Ion Ratio Lower Upper
152 100
115 54.9 39.1 117.3
150 154.7 0.0 349.2



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

