

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004966.D
 Acq On : 03 Oct 2018 13:47
 Operator : JC/MD
 Sample : J5084-17 50X
 Misc : 6.09g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-4(14.5-15)

Quant Time: Oct 03 16:59:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237994	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188110	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	5.50	113	161412	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
50) Toluene-d8	8.71	98	618648	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.14	95	232479	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	

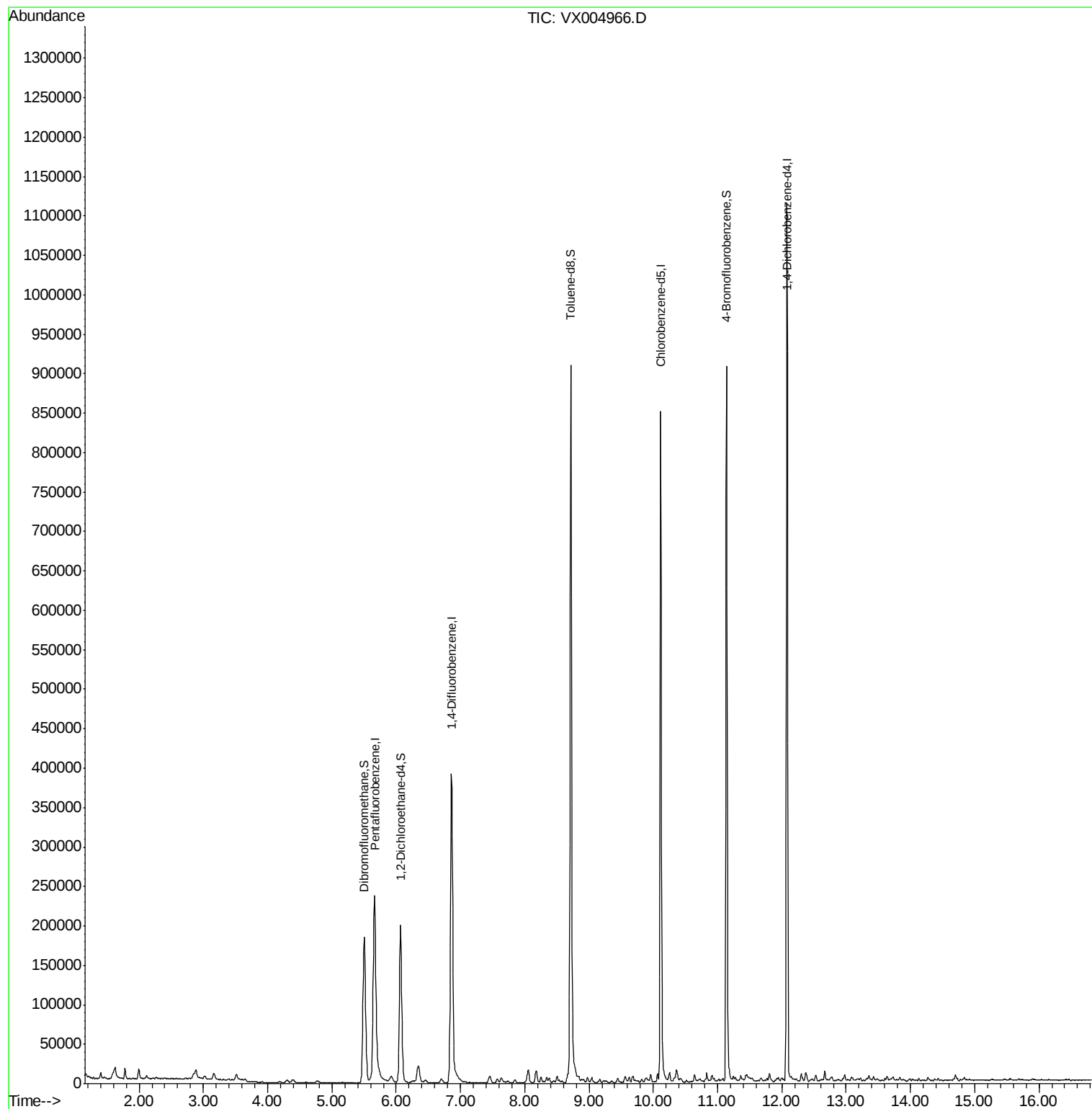
Target Compounds	Qvalue

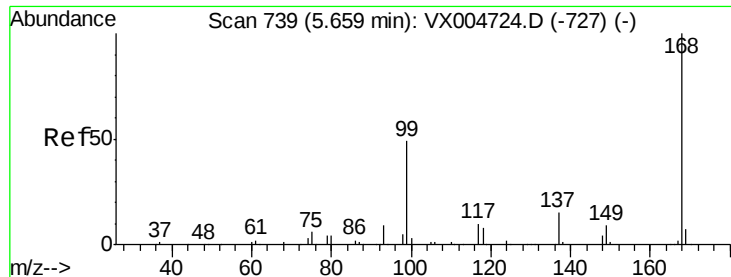
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004966.D

Acq: 03 Oct 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

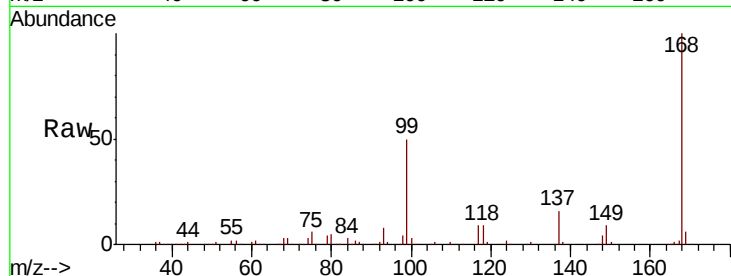
B-4(14.5-15)

Tot Ion:168 Resp: 264698

Ion Ratio Lower Upper

168 100

99 49.8 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

80000

60000

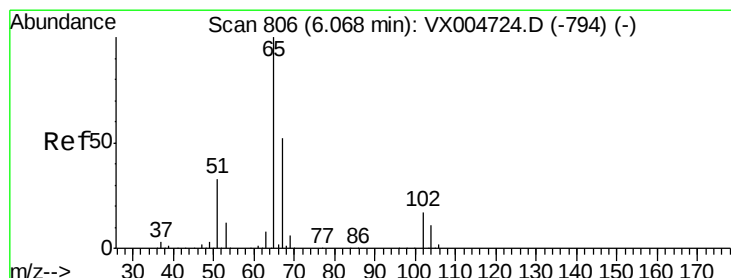
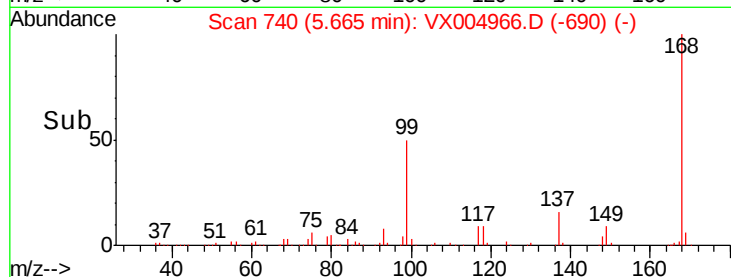
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 49.749 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004966.D

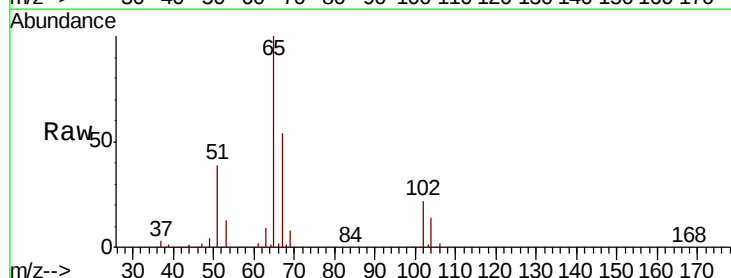
Acq: 03 Oct 2018 13:47

Tgt Ion: 65 Resp: 188110

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

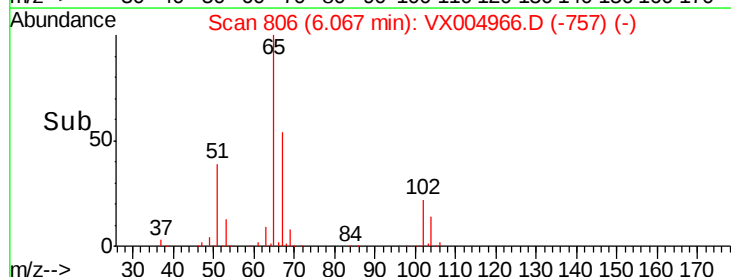
40000

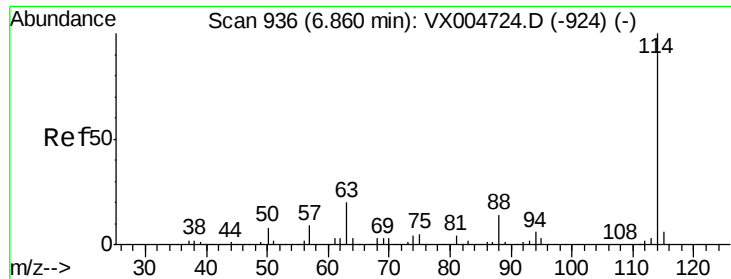
20000

0

Time-->

5.90 6.00 6.10 6.20

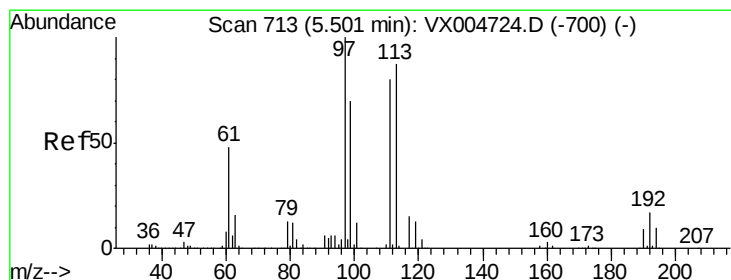
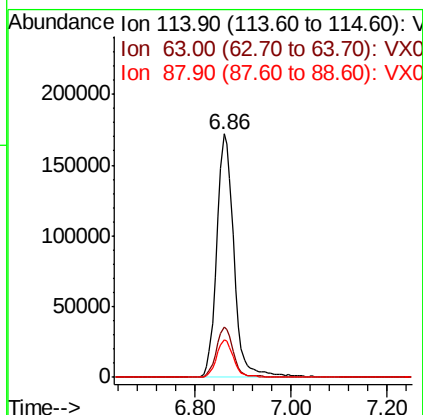
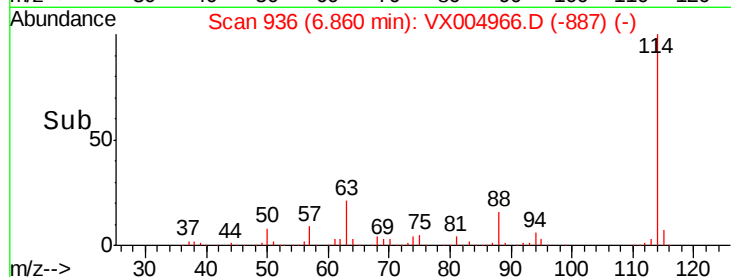
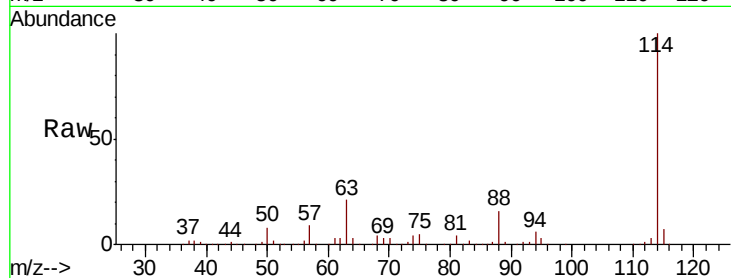




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004966.D
Acq: 03 Oct 2018 13:47

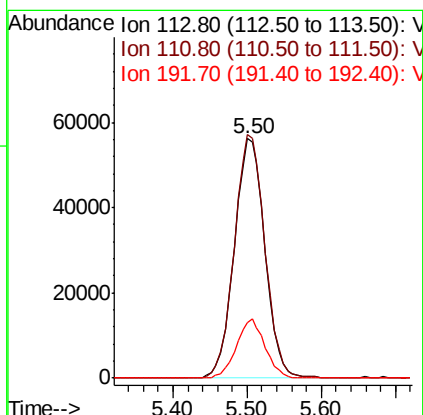
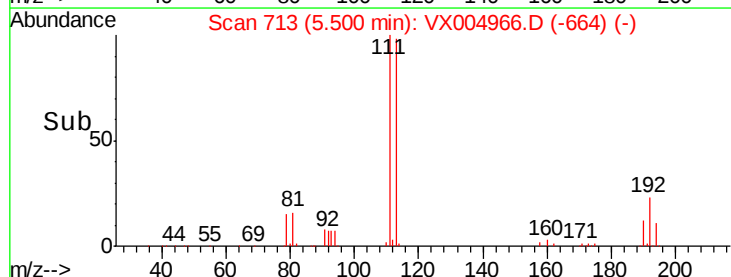
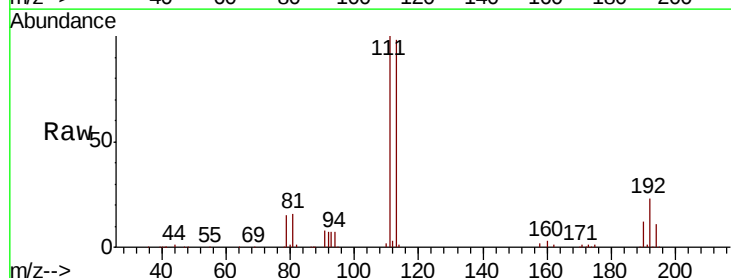
Instrument :
MSVOA_X
ClientSampleId :
B-4(14.5-15)

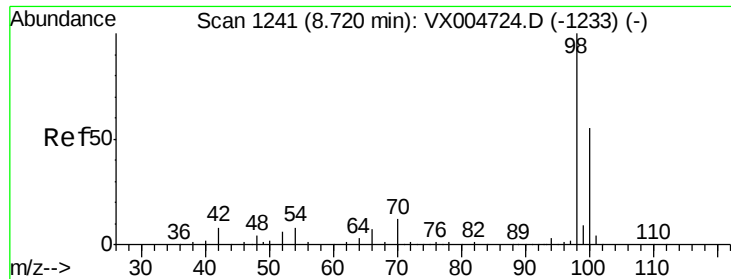
Tot Ion:114 Resp: 429376
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.8
88 15.5 0.0 27.0



#35
Dibromofluoromethane
Concen: 44.356 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004966.D
Acq: 03 Oct 2018 13:47

Tgt Ion:113 Resp: 161412
Ion Ratio Lower Upper
113 100
111 101.6 77.0 115.4
192 23.1 17.0 25.6





#50

Toluene-d8

Concen: 51.137 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004966.D

Acq: 03 Oct 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

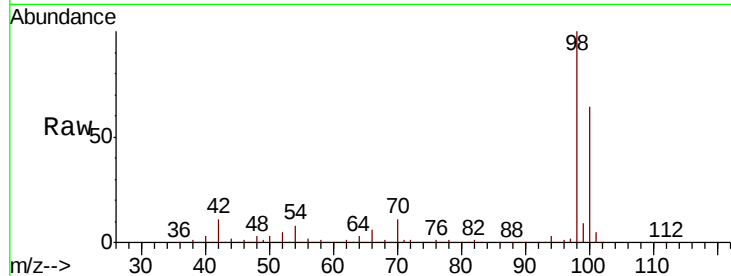
B-4(14.5-15)

Tot Ion: 98 Resp: 618648

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

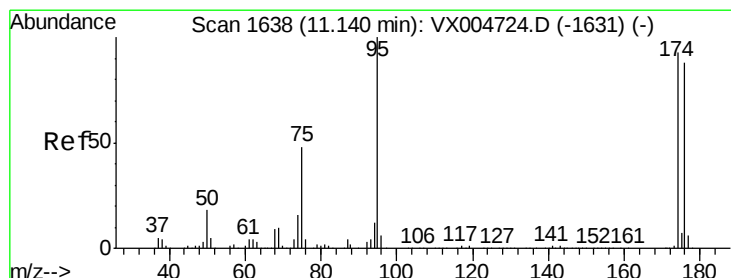
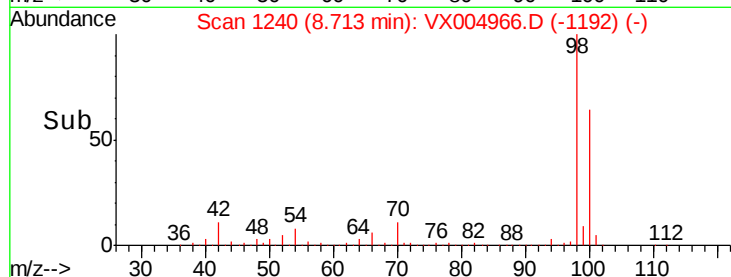
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.341 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004966.D

Acq: 03 Oct 2018 13:47

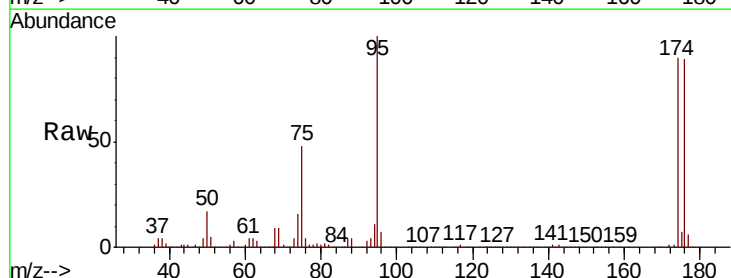
Tgt Ion: 95 Resp: 232479

Ion Ratio Lower Upper

95 100

174 90.0 0.0 185.0

176 87.8 0.0 180.2



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

250000

200000

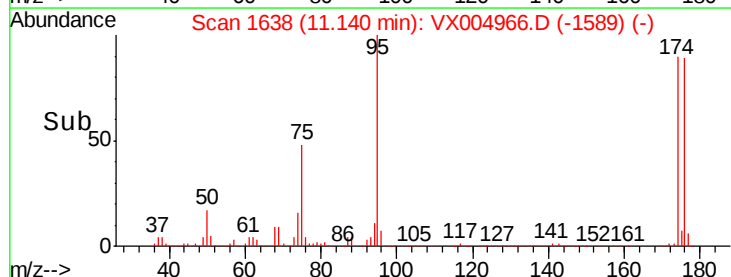
150000

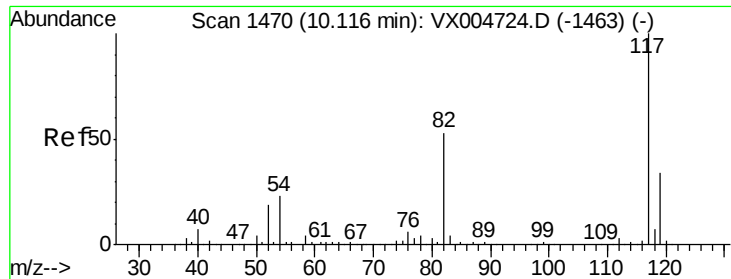
100000

50000

0

Time-->

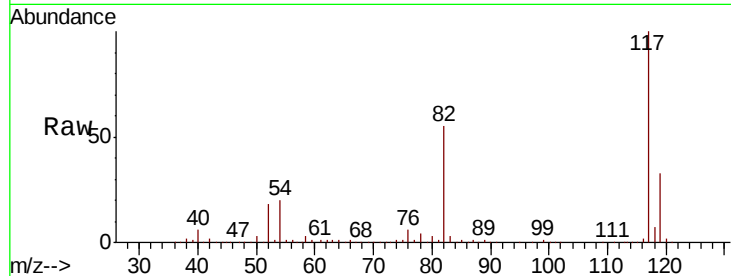




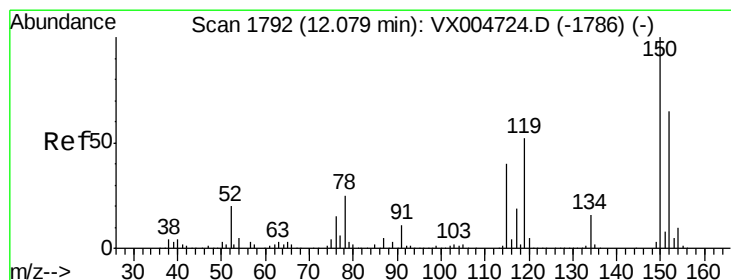
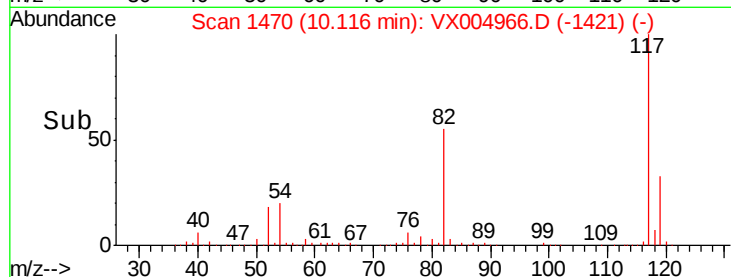
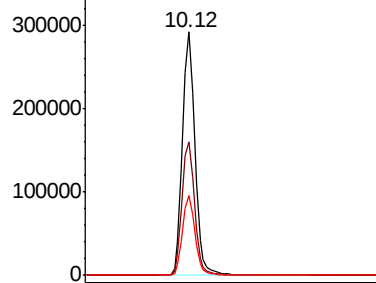
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004966.D
Acq: 03 Oct 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
B-4(14.5-15)

Tot Ion:117 Resp: 415858
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 32.7 27.4 41.0

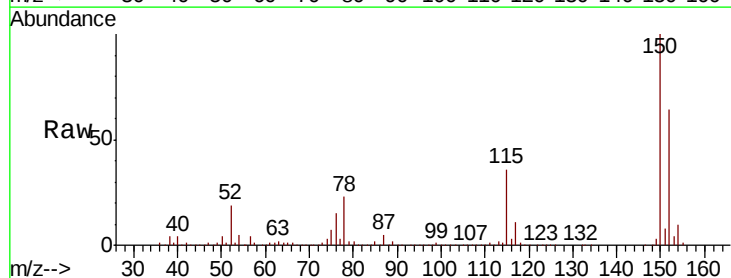


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004966.D
Acq: 03 Oct 2018 13:47

Tgt Ion:152 Resp: 237994
Ion Ratio Lower Upper
152 100
115 55.3 40.2 120.6
150 156.2 0.0 351.0



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

