

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005894.D
 Acq On : 12 Nov 2018 12:28
 Operator : JC/MD
 Sample : VX1112WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBL01

Quant Time: Nov 13 05:00:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	148898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	66534	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	65208	57.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.60%	
35) Dibromofluoromethane	5.49	113	50763	50.12	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	8.71	98	176310	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	59198	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	

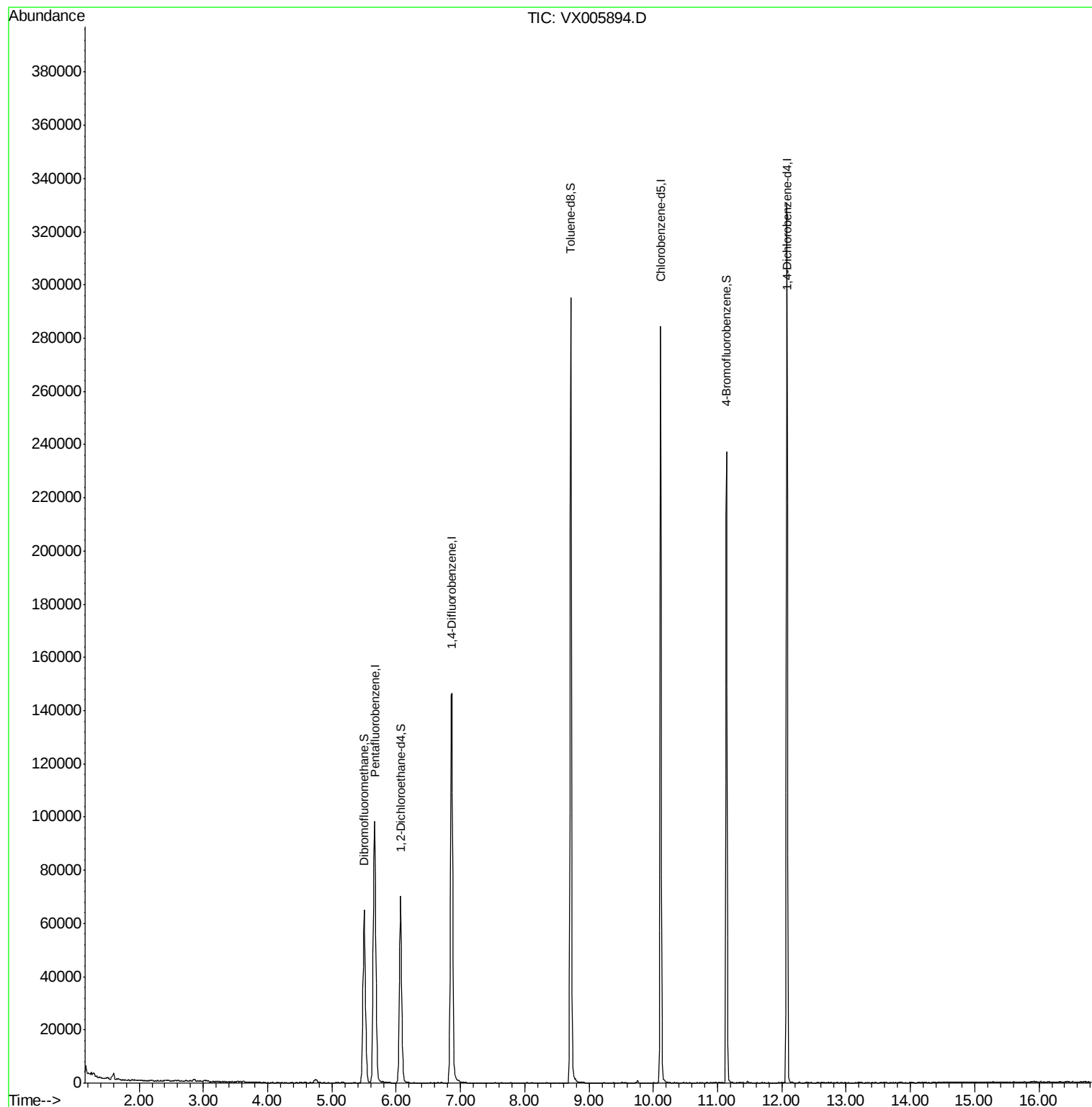
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005894.D

Acq: 12 Nov 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

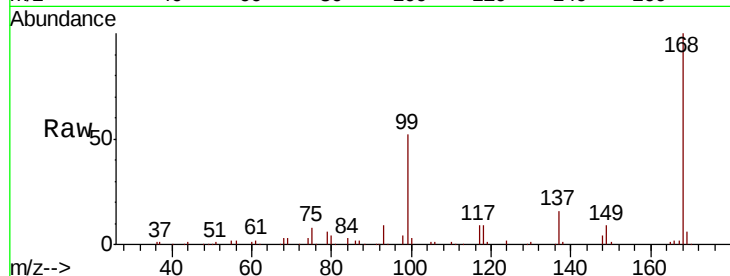
VX1112WBL01

Tot Ion:168 Resp: 98997

Ion Ratio Lower Upper

168 100

99 52.0 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

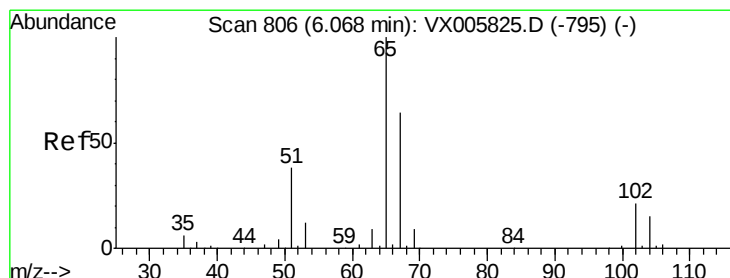
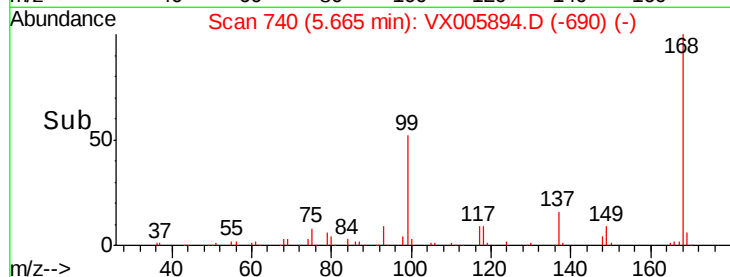
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.296 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005894.D

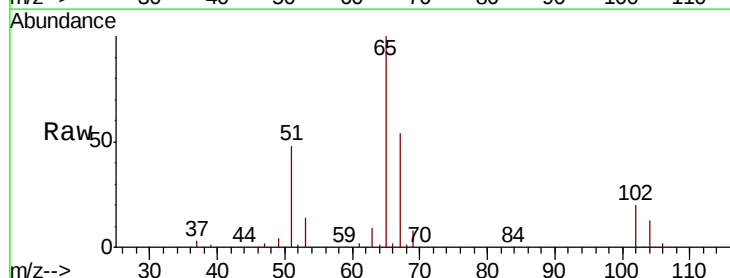
Acq: 12 Nov 2018 12:28

Tgt Ion: 65 Resp: 65208

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

25000

20000

15000

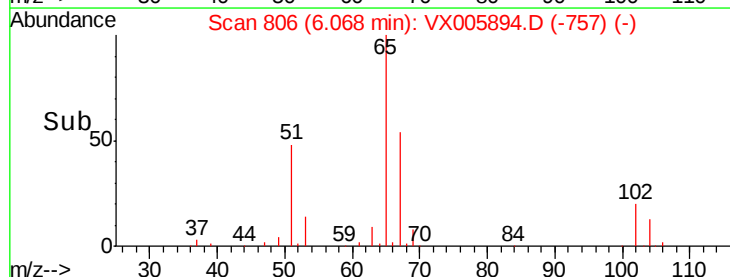
10000

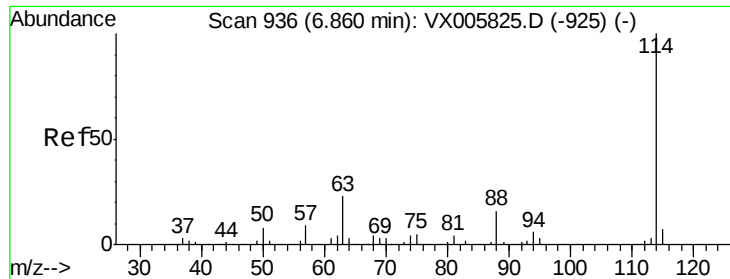
5000

0

5.90 6.00 6.10 6.20

Time-->

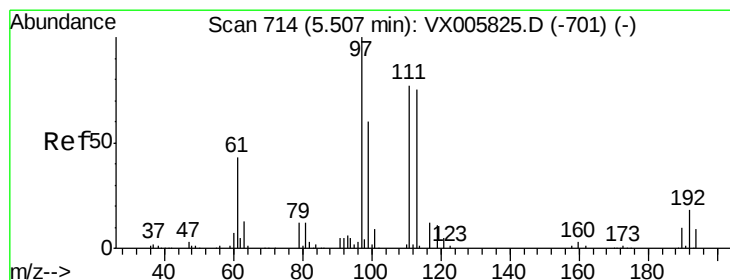
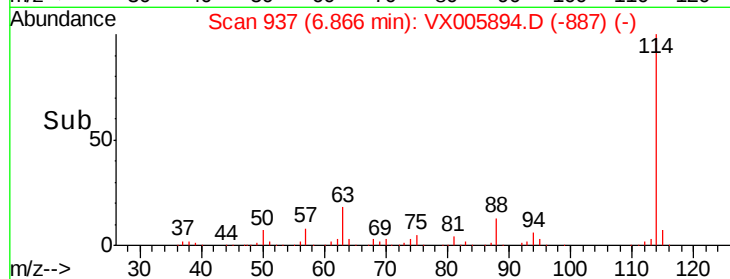
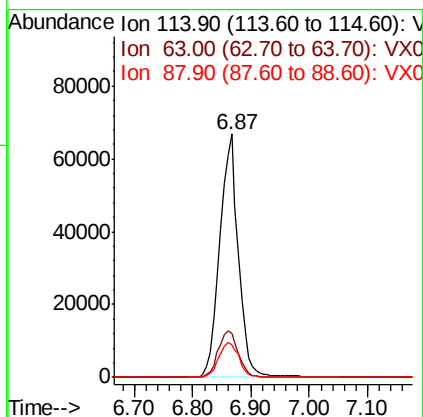
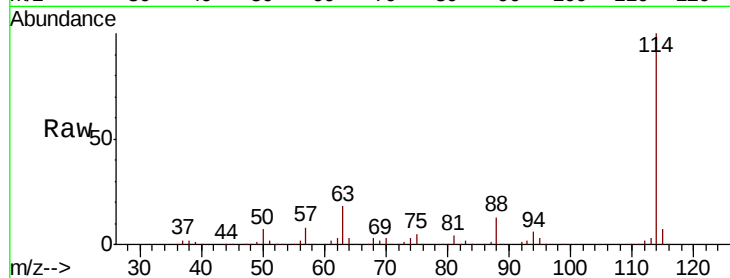




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

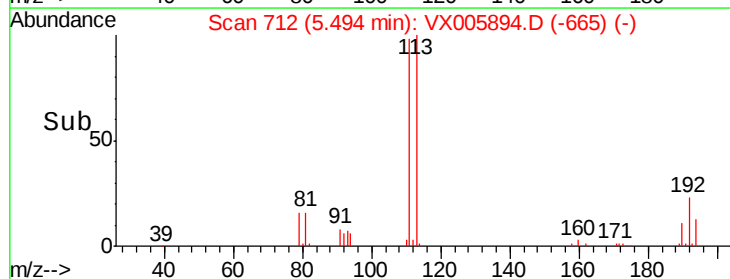
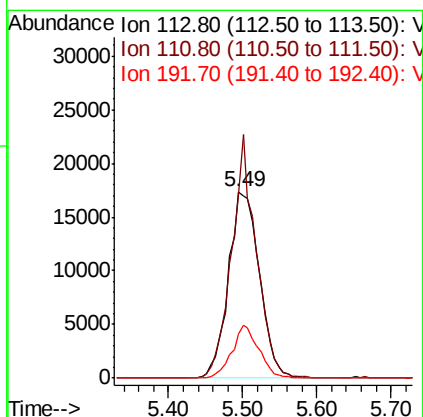
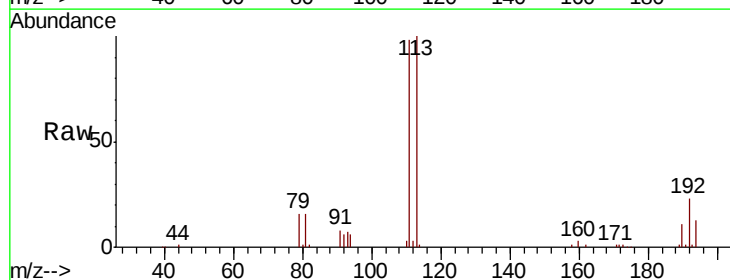
Instrument :
MSVOA_X
ClientSampleId :
VX1112WBL01

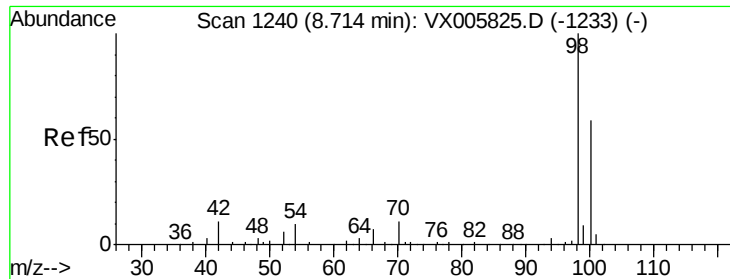
Tot Ion:114 Resp: 148898
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.8
88 13.2 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.125 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion:113 Resp: 50763
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 24.2 17.9 26.9





#50

Toluene-d8

Concen: 52.366 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005894.D

Acq: 12 Nov 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

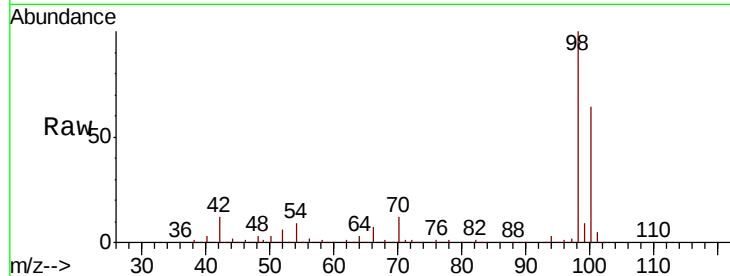
VX1112WBL01

Tot Ion: 98 Resp: 176310

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

120000

100000

80000

60000

40000

20000

0

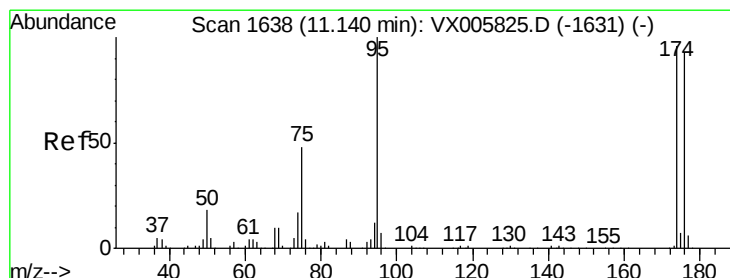
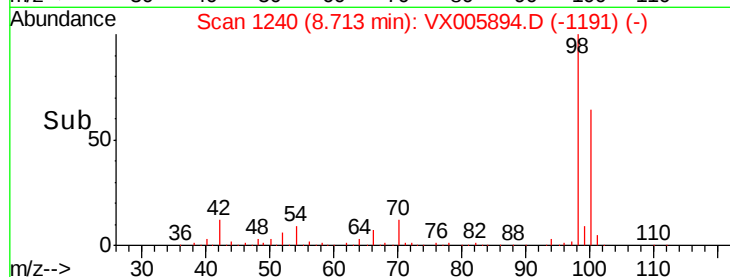
8.60

8.70

8.80

8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 48.903 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005894.D

Acq: 12 Nov 2018 12:28

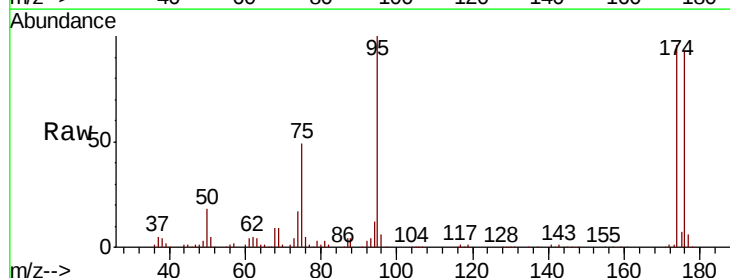
Tgt Ion: 95 Resp: 59198

Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.4

176 90.3 0.0 177.4



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

60000

50000

40000

30000

20000

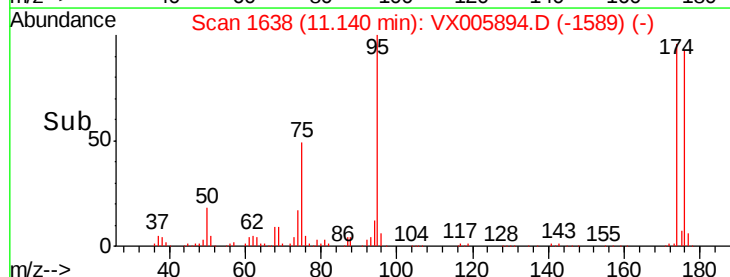
10000

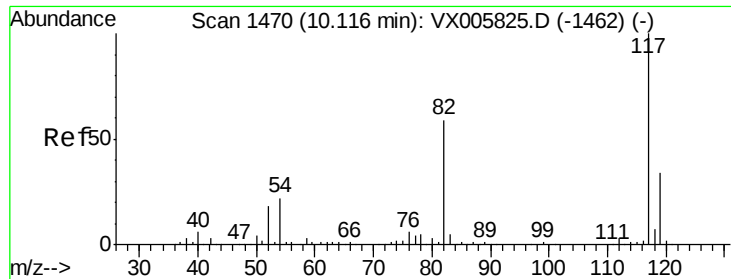
0

11.10

11.20

Time-->

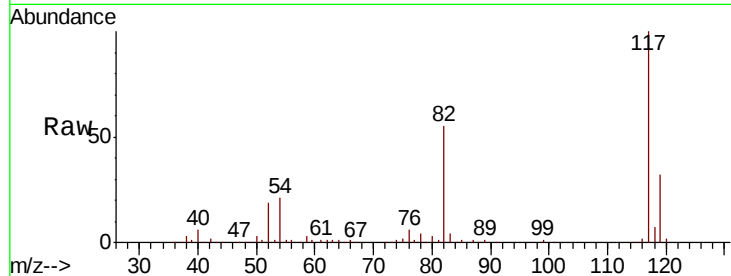




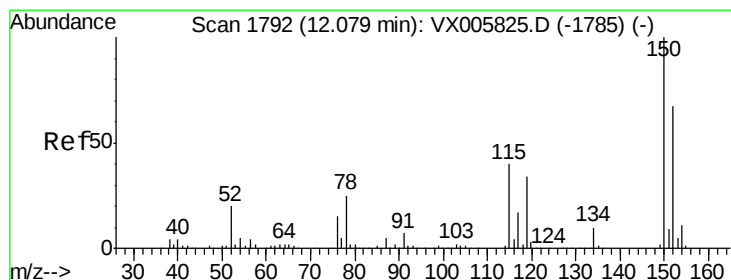
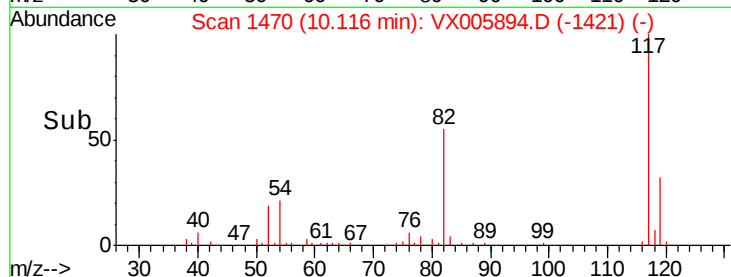
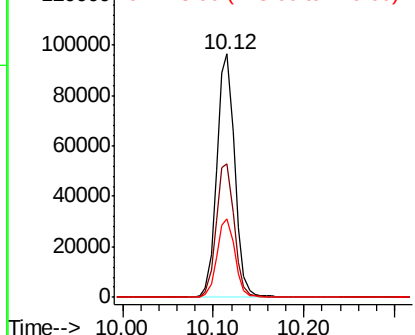
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBL01

Tot Ion:117 Resp: 133736
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.2 26.2 39.2

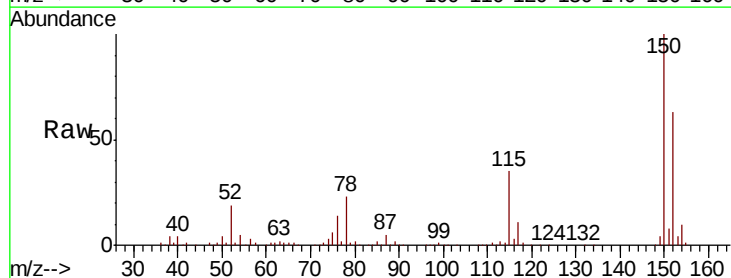


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005894.D
Acq: 12 Nov 2018 12:28

Tgt Ion:152 Resp: 66534
Ion Ratio Lower Upper
152 100
115 55.2 39.4 118.1
150 155.3 0.0 346.4



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

