

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002653.D
 Acq On : 16 Jun 2018 18:06
 Operator : JC/MD
 Sample : VX0616WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBL01

Quant Time: Jun 18 02:03:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	287576	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	269671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151486	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135029	43.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.22%	
35) Dibromofluoromethane	5.51	113	107218	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.72	98	410175	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.14	95	140277	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

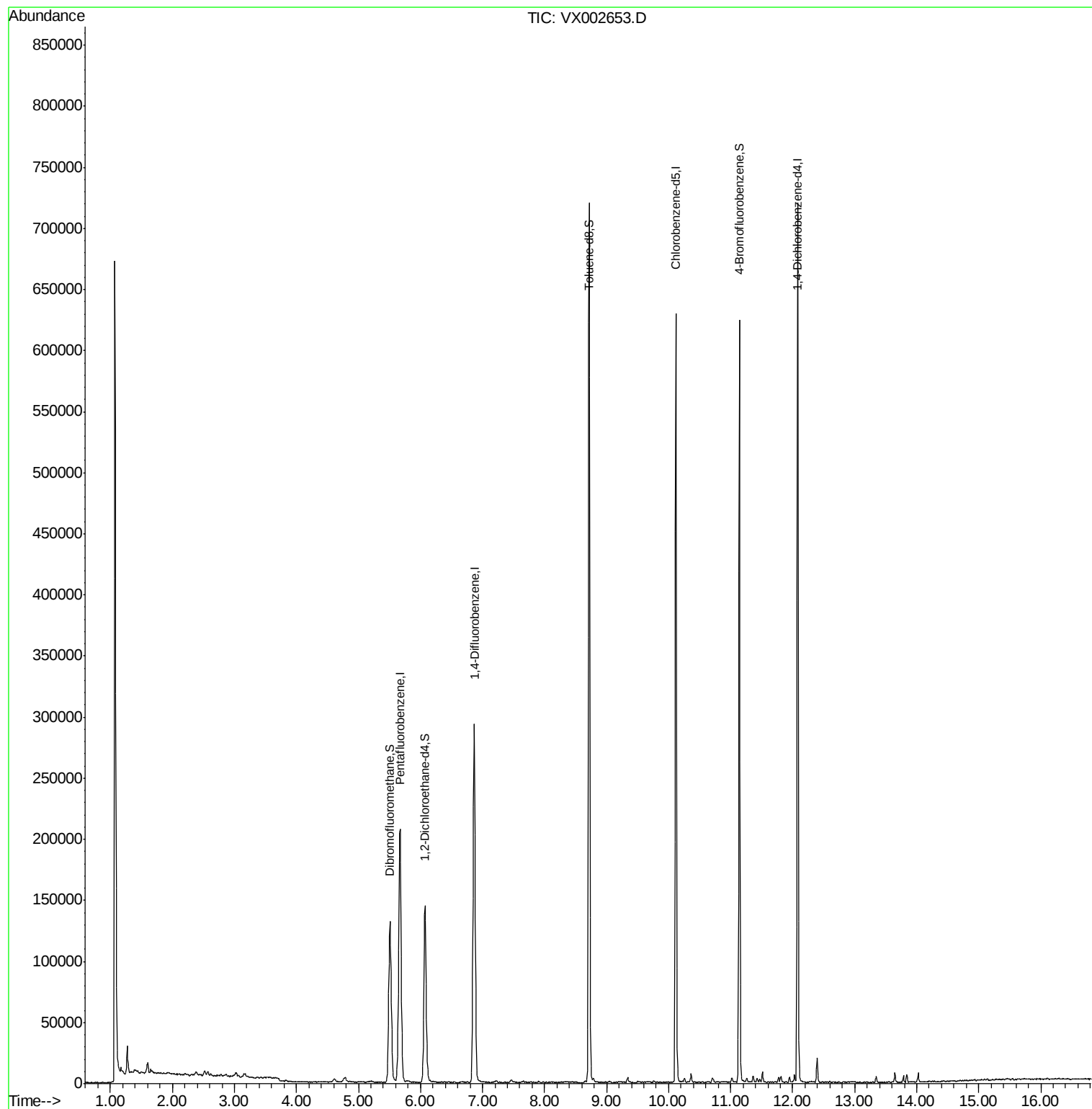
Target Compounds	Qvalue

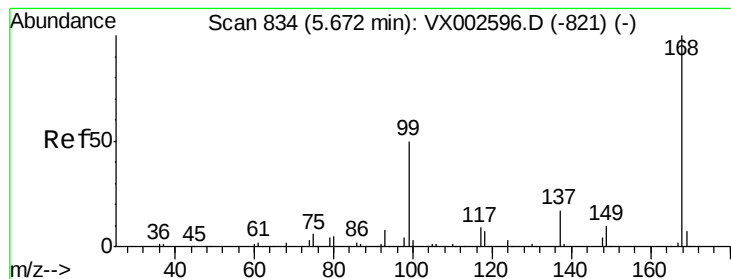
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

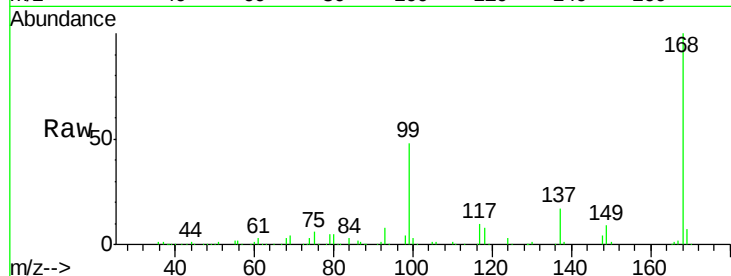
VX0616WBL01

Tot Ion:168 Resp: 206116

Ion Ratio Lower Upper

168 100

99 47.7 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

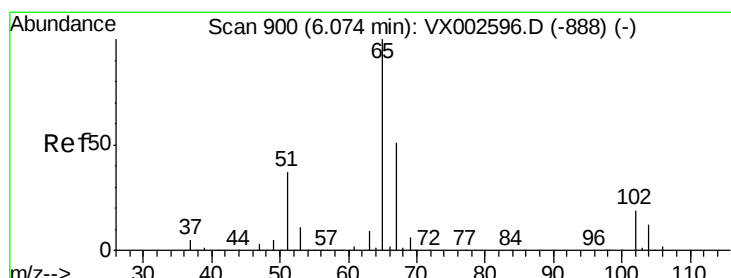
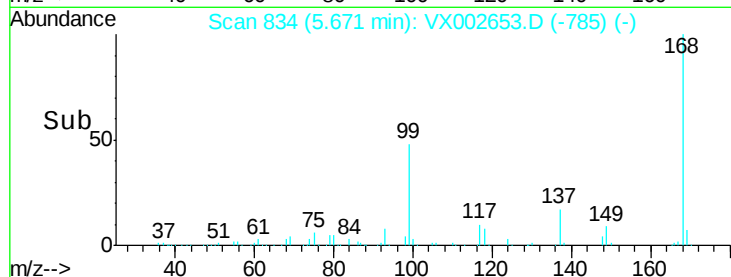
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 43.110 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002653.D

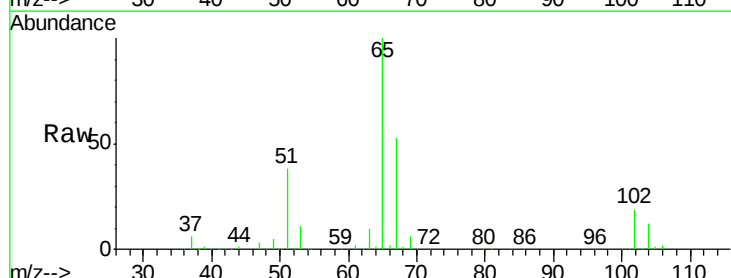
Acq: 16 Jun 2018 18:06

Tgt Ion: 65 Resp: 135029

Ion Ratio Lower Upper

65 100

67 51.9 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

60000

50000

40000

30000

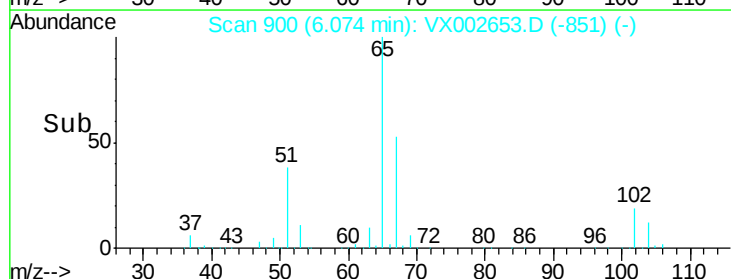
20000

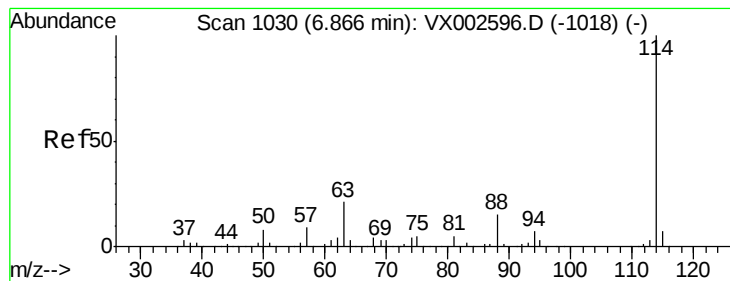
10000

0

Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBL01

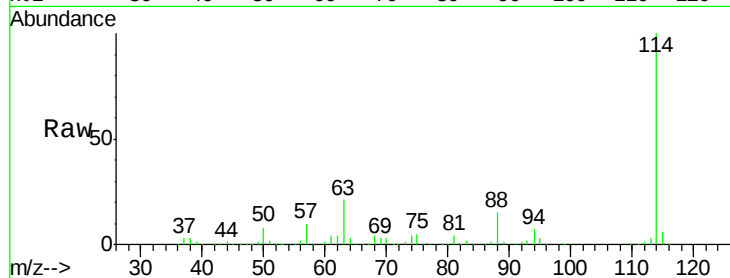
Tot Ion:114 Resp: 287576

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

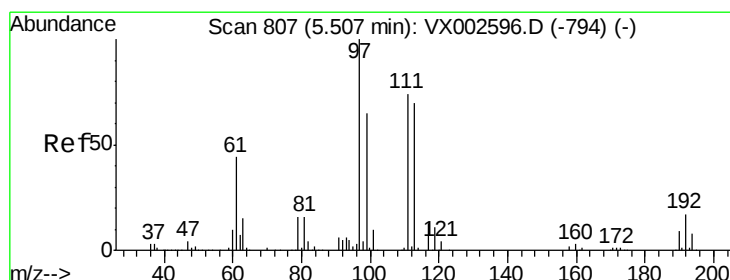
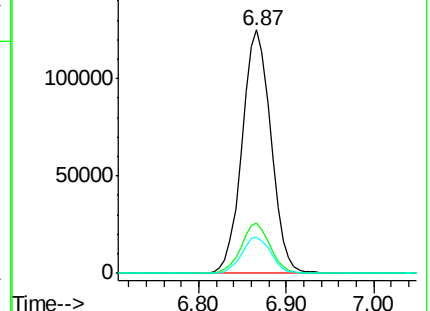
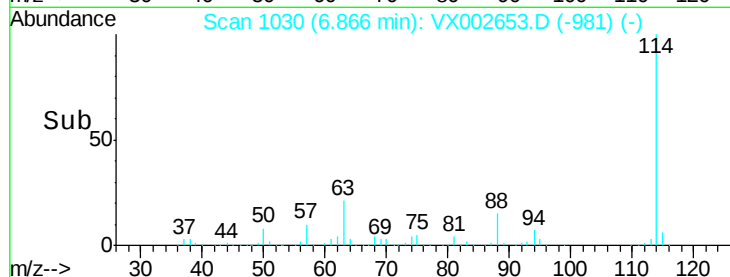
88 14.8 0.0 30.0



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: 46.715 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

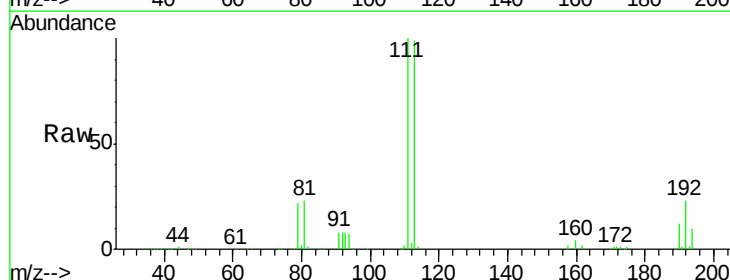
Tgt Ion:113 Resp: 107218

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

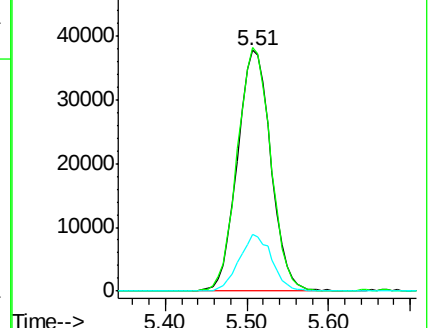
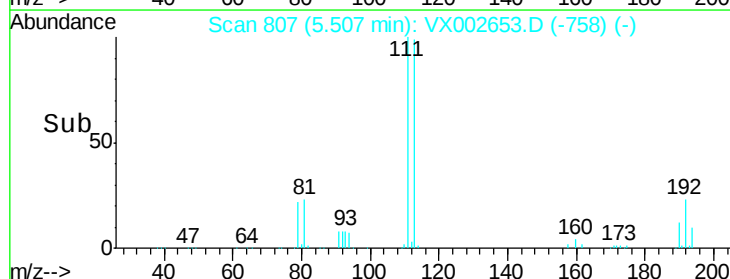
192 22.9 19.1 28.7

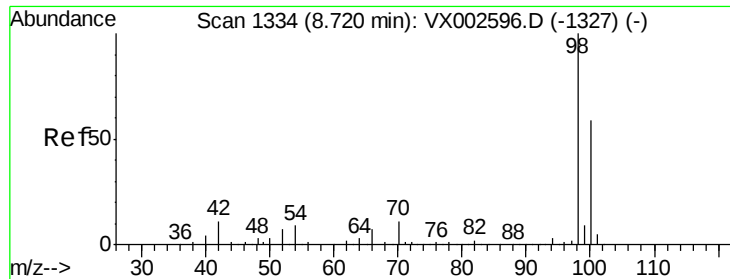


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.068 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

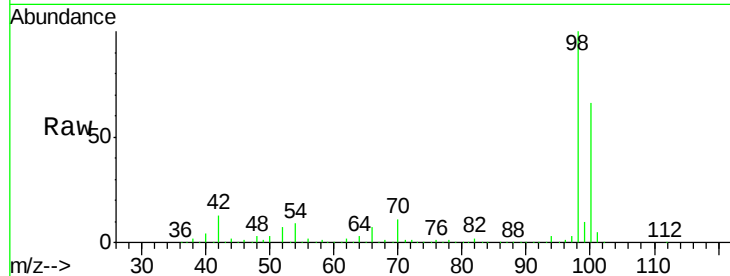
VX0616WBL01

Tot Ion: 98 Resp: 410175

Ion Ratio Lower Upper

98 100

100 63.9 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

250000

200000

150000

100000

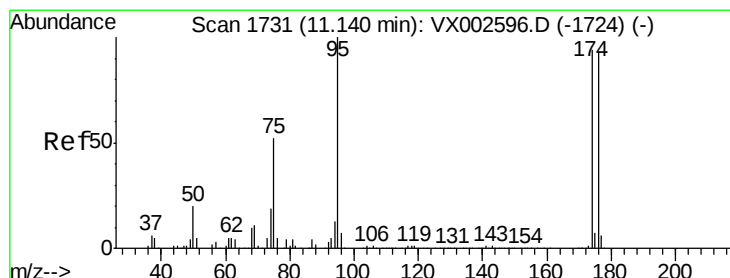
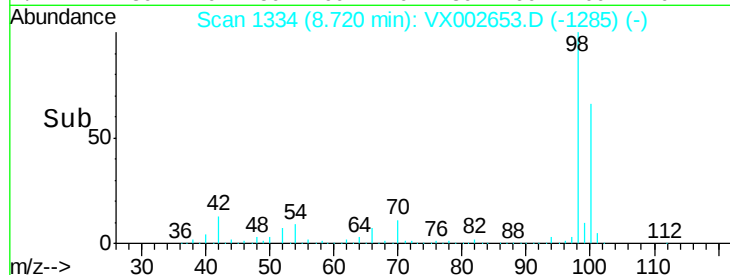
50000

0

Time-->

8.70

8.80



#62

4-Bromofluorobenzene

Concen: 42.479 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002653.D

Acq: 16 Jun 2018 18:06

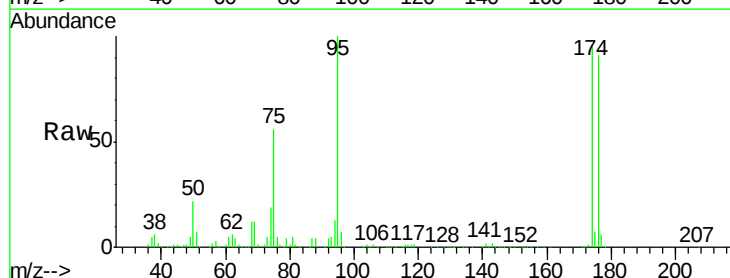
Tgt Ion: 95 Resp: 140277

Ion Ratio Lower Upper

95 100

174 97.9 0.0 187.4

176 95.2 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

150000

100000

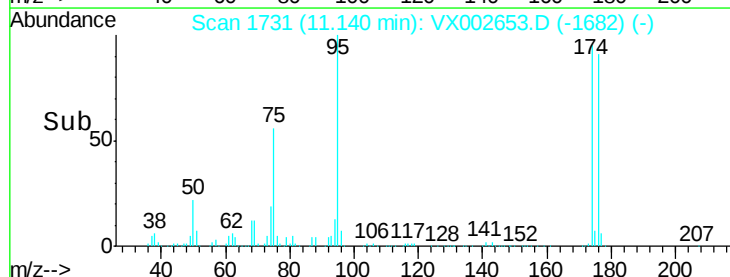
50000

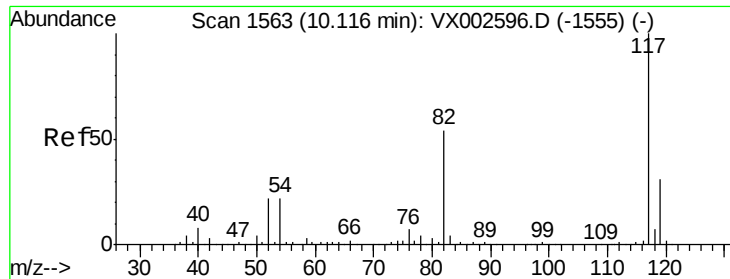
0

Time-->

11.10

11.20

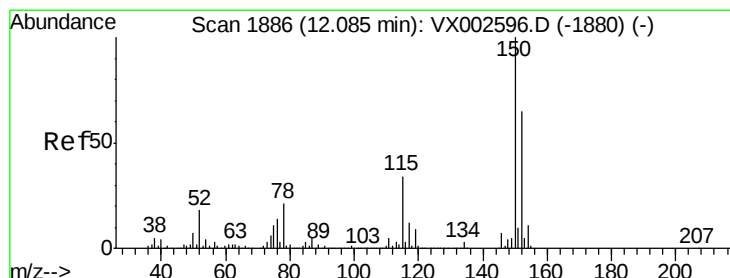
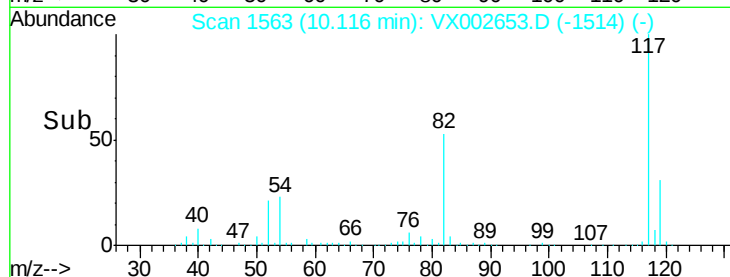
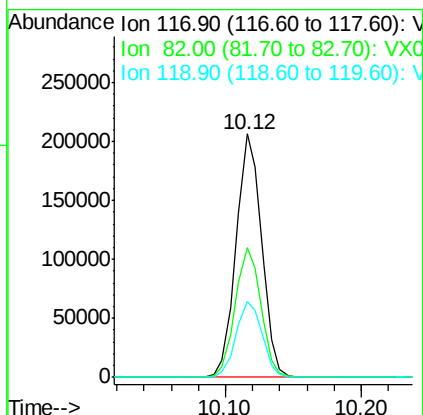
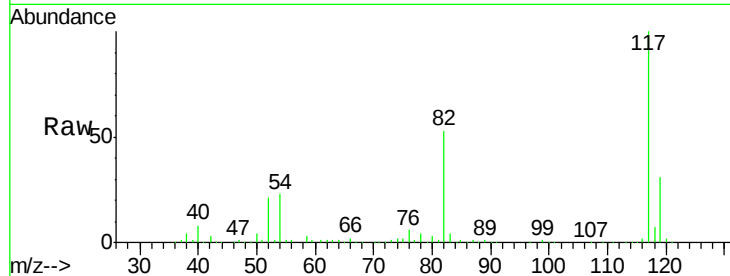




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Instrument :
MSVOA_X
ClientSampled :
VX0616WBL01

Tot Ion:117 Resp: 269671
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002653.D
Acq: 16 Jun 2018 18:06

Tgt Ion:152 Resp: 151486
Ion Ratio Lower Upper
152 100
115 55.3 40.1 120.2
150 156.2 0.0 347.2

