

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001599.D
 Acq On : 10 May 2018 13:30
 Operator : JC/MD
 Sample : VX0510WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBL01

Quant Time: May 11 06:58:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	213048	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
35) Dibromofluoromethane	5.51	113	164471	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	8.72	98	590175	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	11.14	95	194456	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

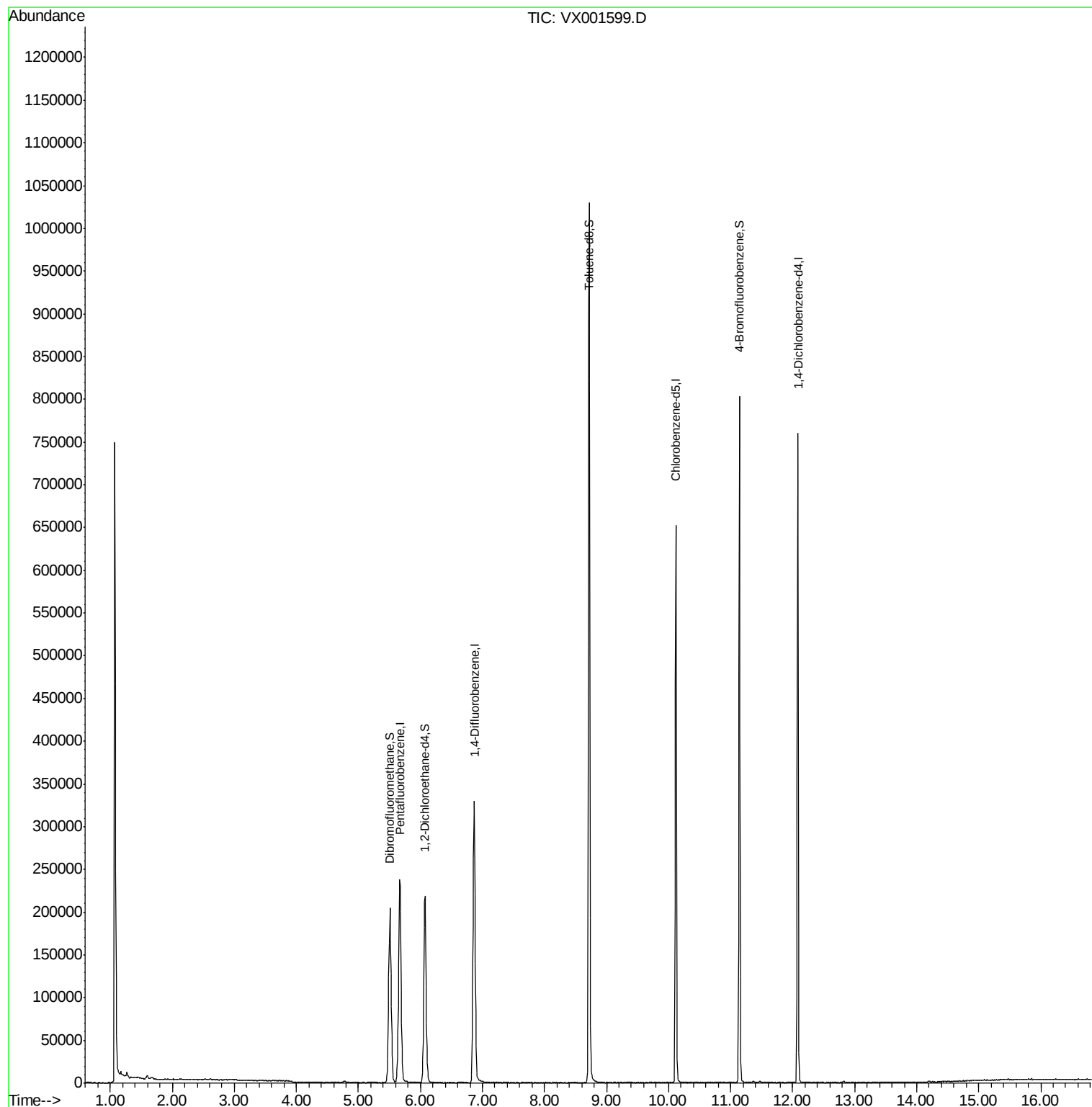
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

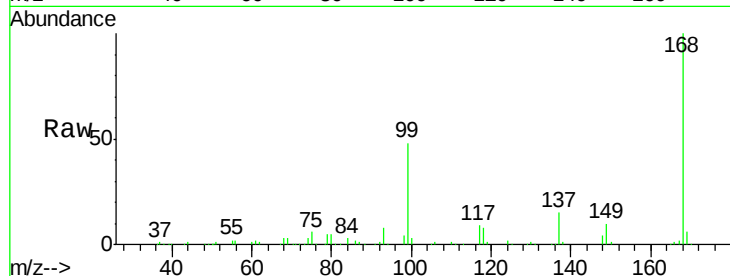
VX0510WBL01

Tot Ion:168 Resp: 250259

Ion Ratio Lower Upper

168 100

99 48.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

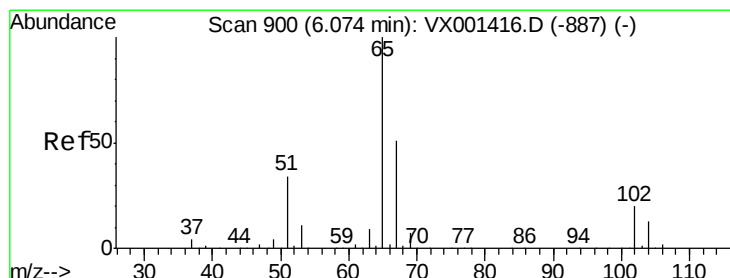
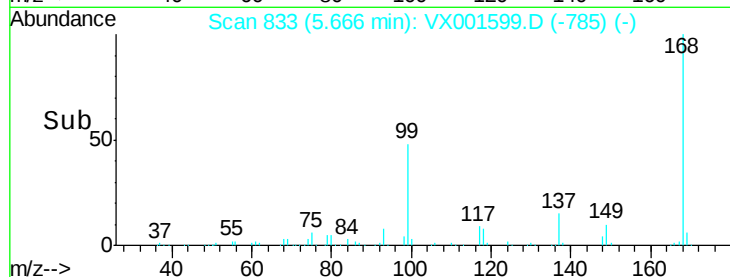
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 59.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001599.D

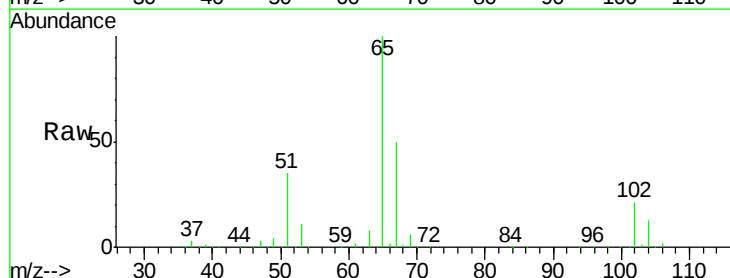
Acq: 10 May 2018 13:30

Tgt Ion: 65 Resp: 213048

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

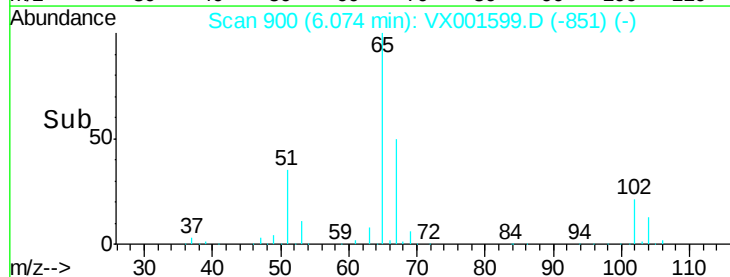
60000

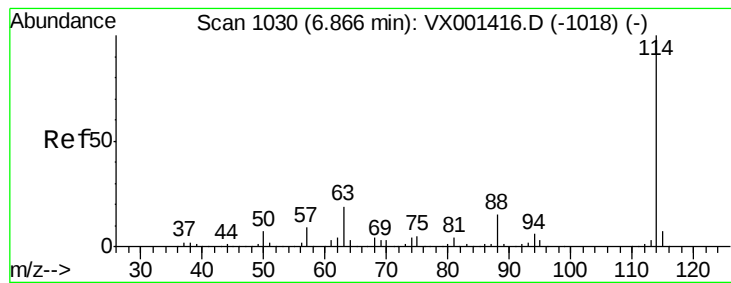
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBL01

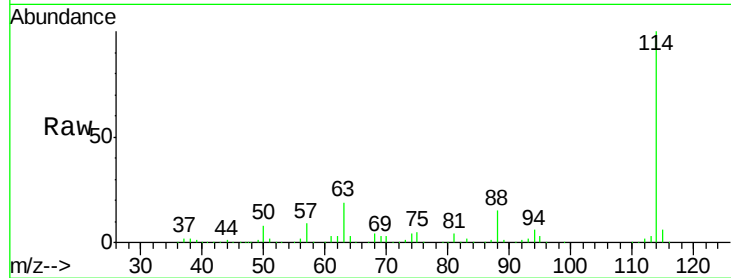
Tot Ion:114 Resp: 341322

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

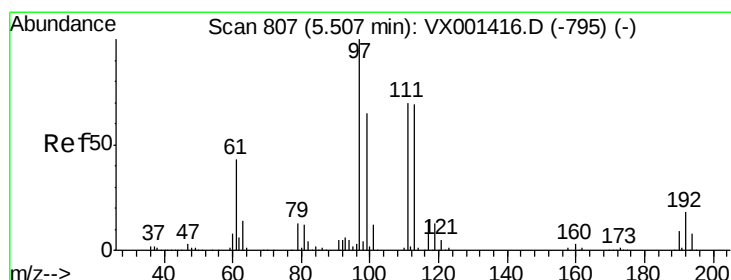
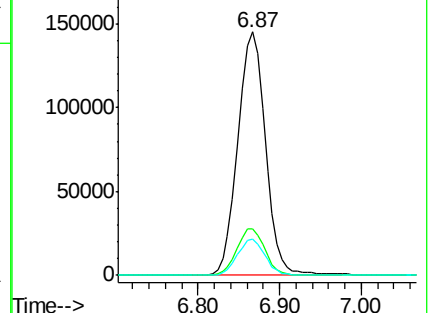
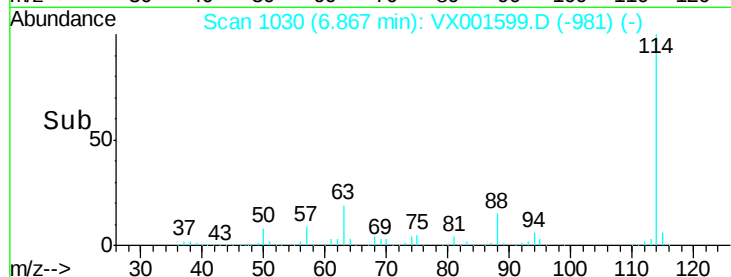
88 14.8 0.0 30.8



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: 54.17 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

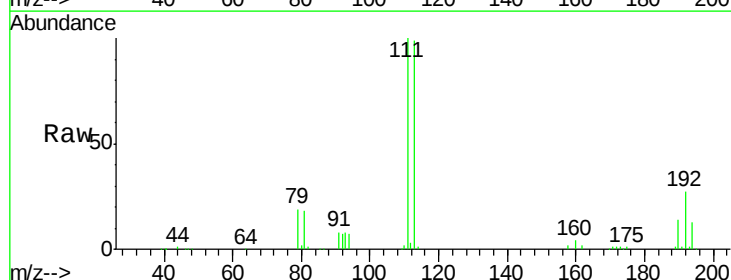
Tgt Ion:113 Resp: 164471

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

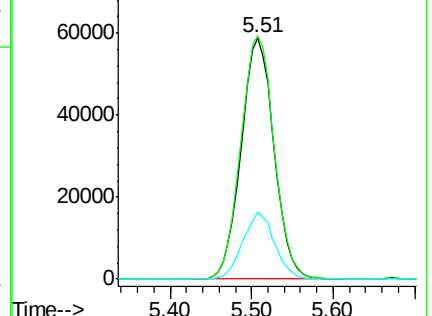
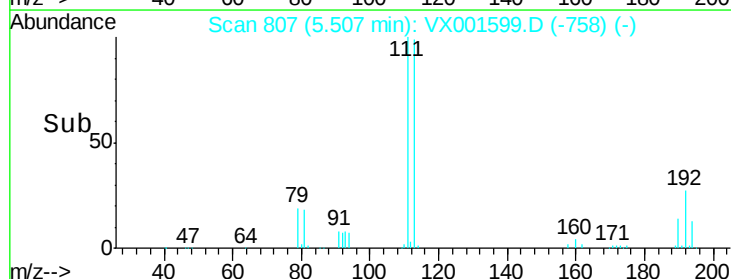
192 26.9 21.4 32.0

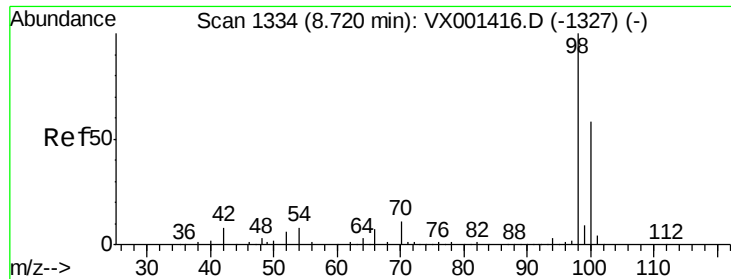


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.26 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

Instrument :

MSVOA_X

ClientSampleId :

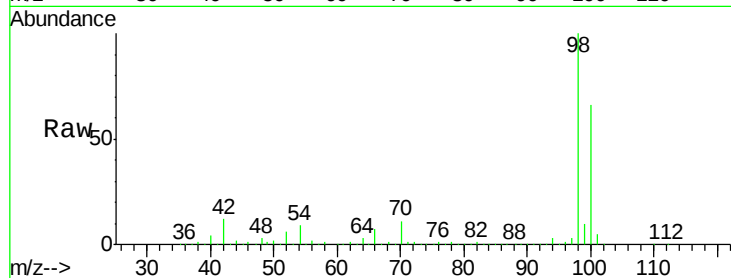
VX0510WBL01

Tot Ion: 98 Resp: 590175

Ion Ratio Lower Upper

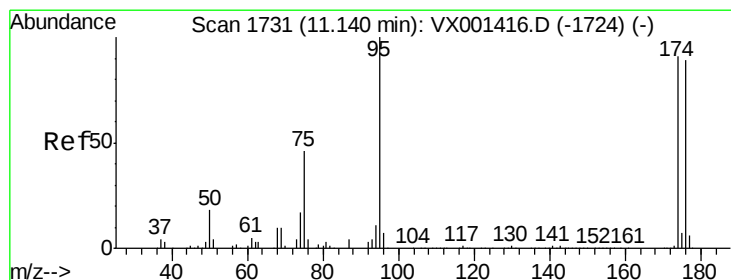
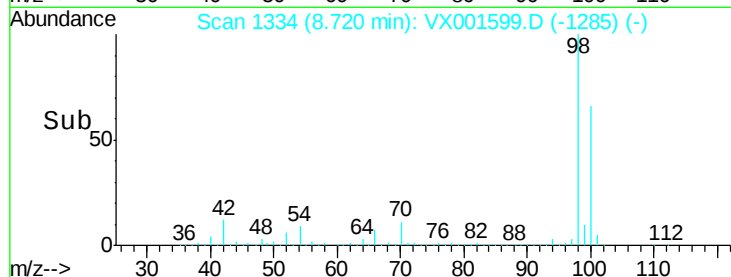
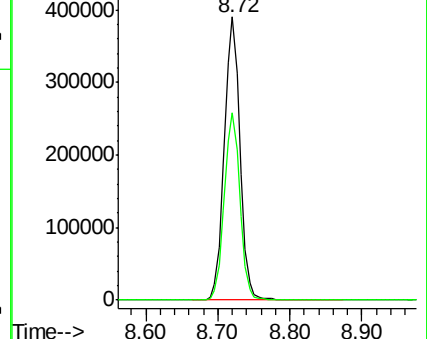
98 100

100 66.2 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001599.D

Acq: 10 May 2018 13:30

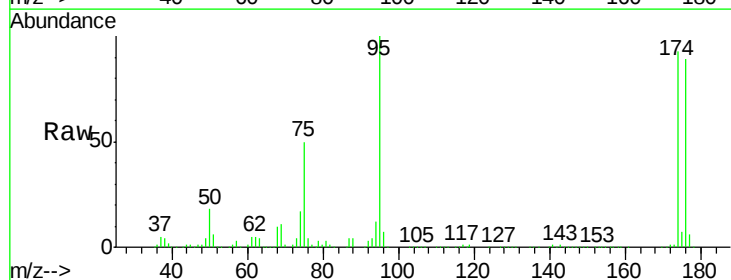
Tgt Ion: 95 Resp: 194456

Ion Ratio Lower Upper

95 100

174 101.4 0.0 202.0

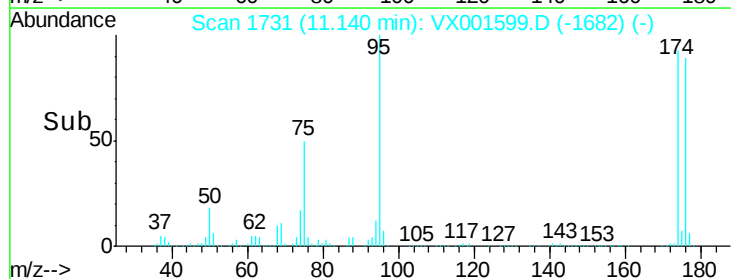
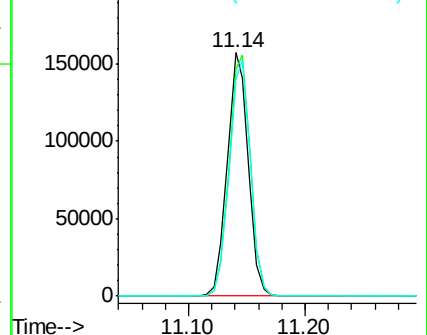
176 98.2 0.0 197.4

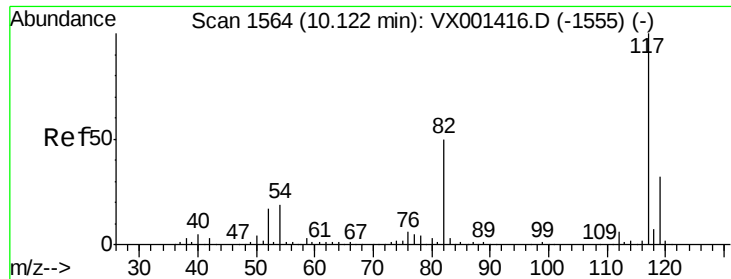


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

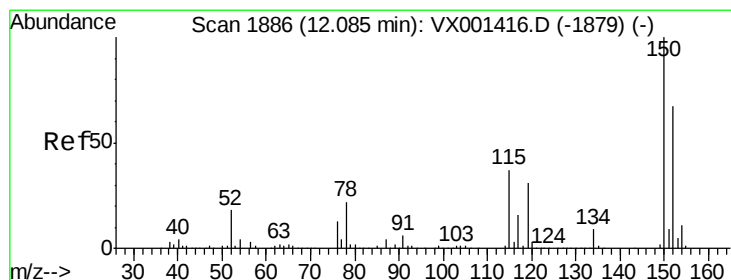
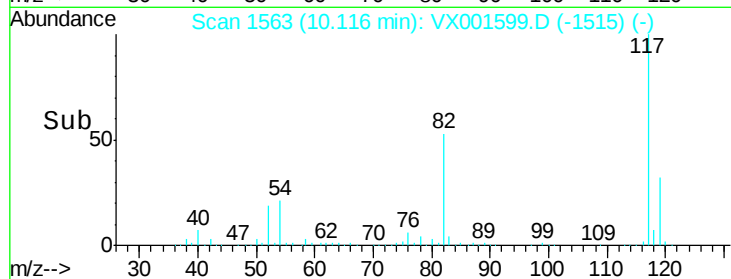
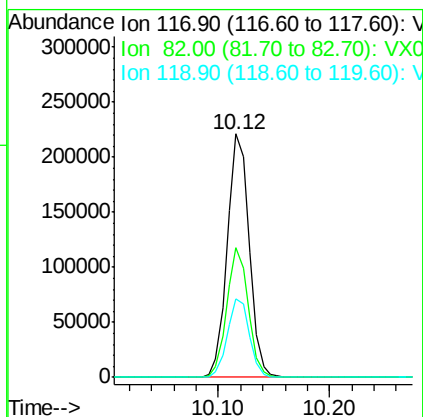
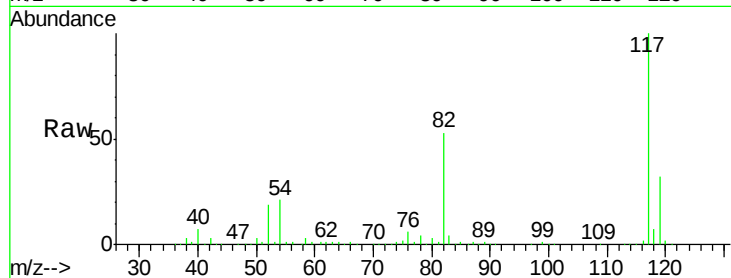




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001599.D
Acq: 10 May 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBL01

Tot Ion:117 Resp: 301520
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 32.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001599.D
Acq: 10 May 2018 13:30

Tgt Ion:152 Resp: 165789
Ion Ratio Lower Upper
152 100
115 52.8 37.7 113.1
150 155.6 0.0 349.4

