

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001639.D
 Acq On : 11 May 2018 15:14
 Operator : JC/MD
 Sample : J2741-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB05-180501

Quant Time: May 12 12:04:01 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	264300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	355674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165746	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	206532	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
35) Dibromofluoromethane	5.51	113	166613	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.72	98	594642	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.14	95	194945	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

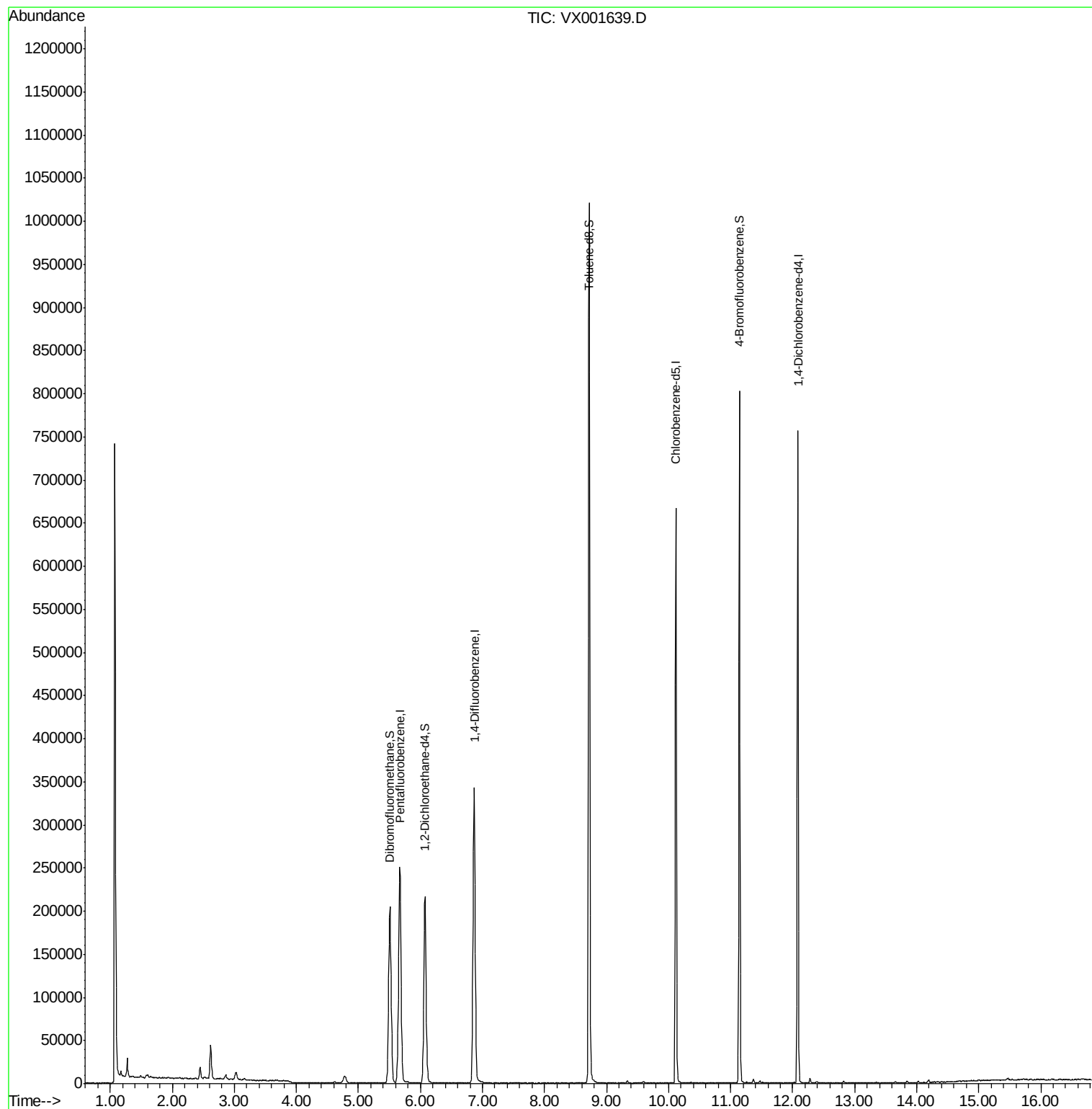
Target Compounds	Qvalue

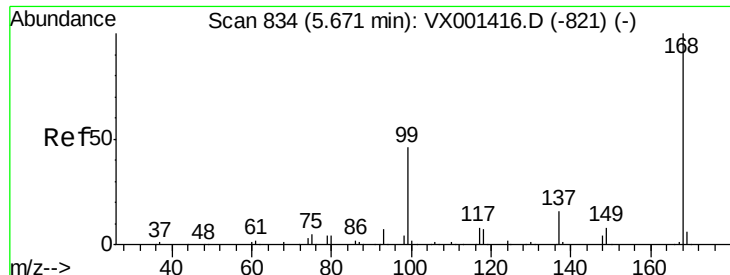
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001639.D

Acq: 11 May 2018 15:14

Instrument :

MSVOA_X

ClientSampleId :

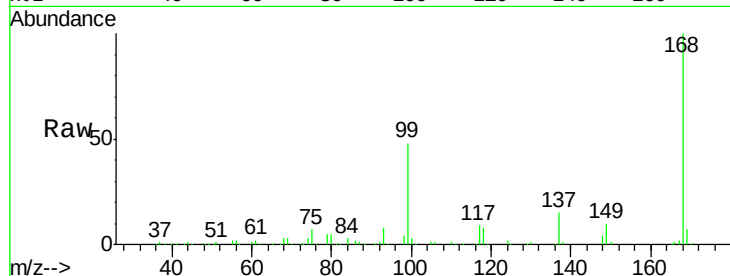
Z3TB05-180501

Tot Ion:168 Resp: 264300

Ion Ratio Lower Upper

168 100

99 48.3 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

100000

80000

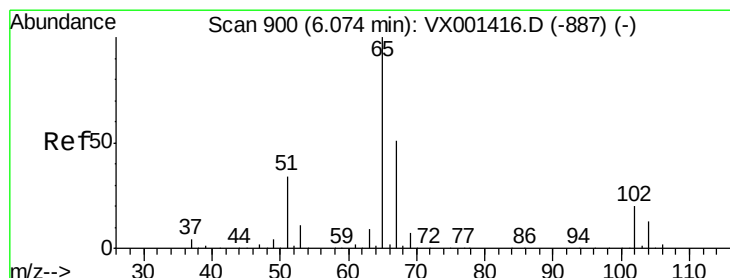
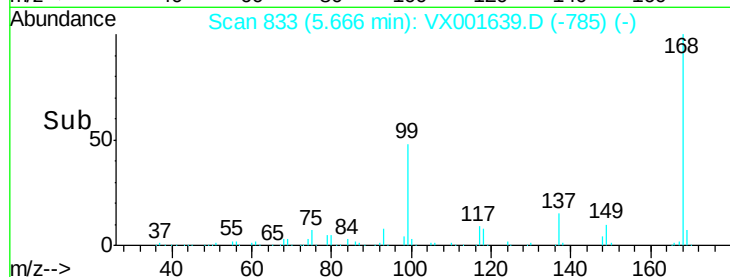
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 54.37 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001639.D

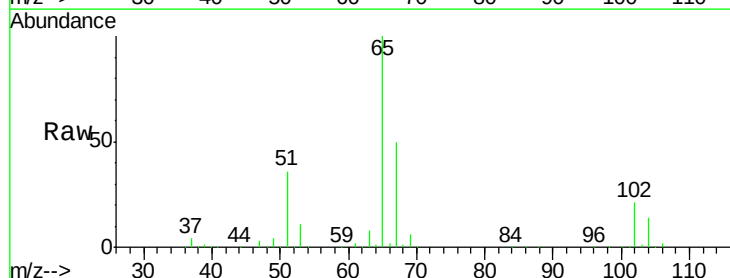
Acq: 11 May 2018 15:14

Tgt Ion: 65 Resp: 206532

Ion Ratio Lower Upper

65 100

67 51.1 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

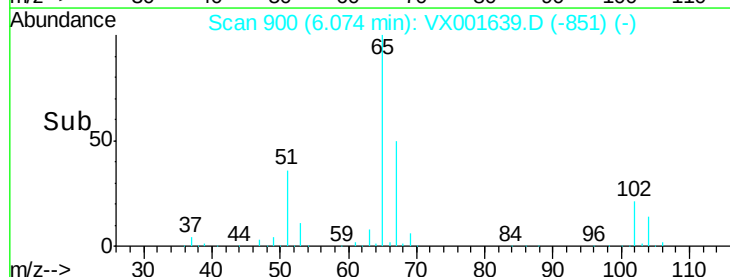
60000

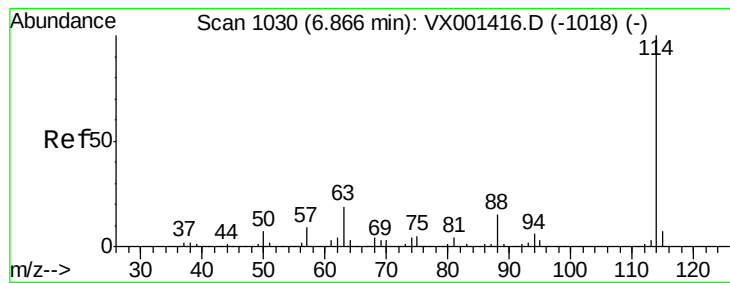
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001639.D

Acq: 11 May 2018 15:14

Instrument :

MSVOA_X

ClientSampleId :

Z3TB05-180501

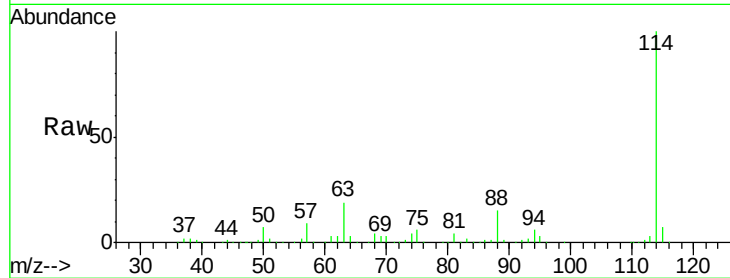
Tot Ion:114 Resp: 355674

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.6

88 14.9 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

200000

150000

100000

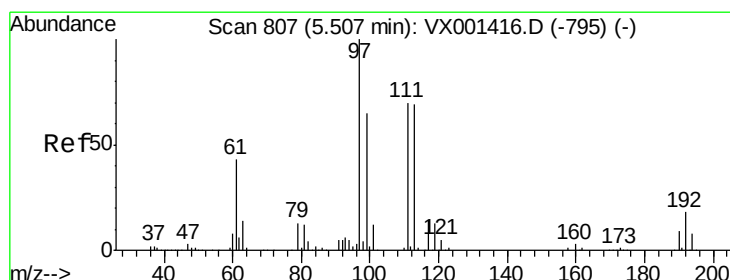
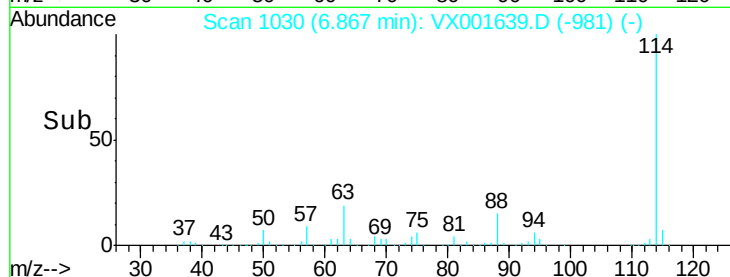
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 52.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001639.D

Acq: 11 May 2018 15:14

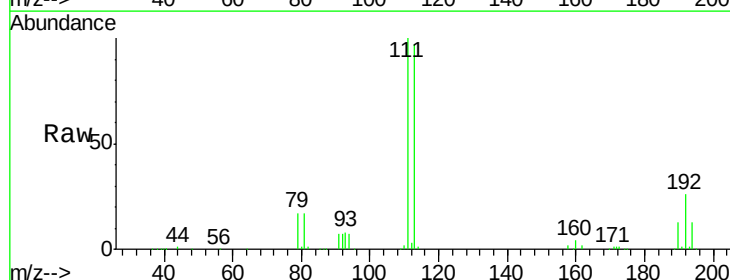
Tgt Ion:113 Resp: 166613

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 26.2 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

80000

60000

40000

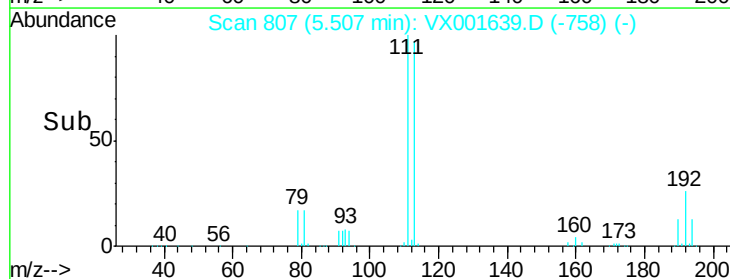
20000

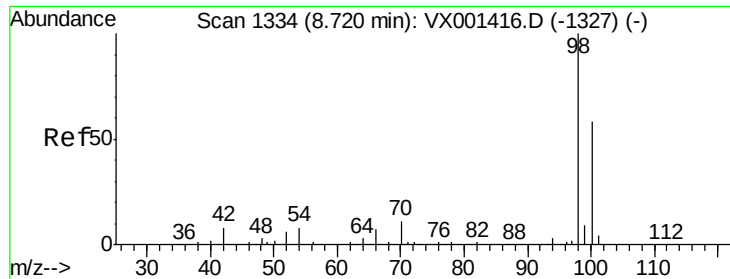
0

5.51

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 51.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001639.D

Acq: 11 May 2018 15:14

Instrument :

MSVOA_X

ClientSampleId :

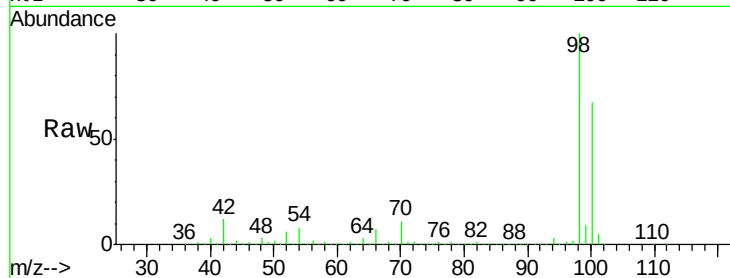
Z3TB05-180501

Tot Ion: 98 Resp: 594642

Ion Ratio Lower Upper

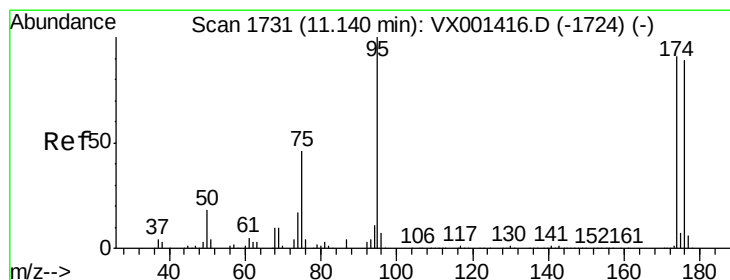
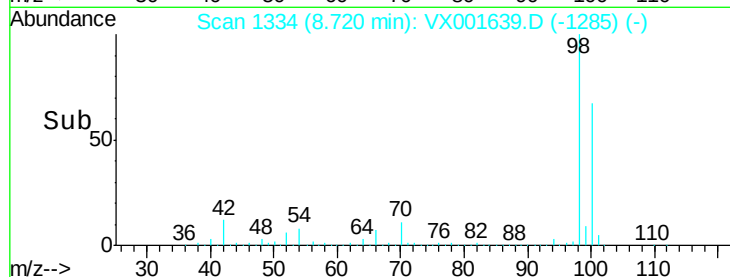
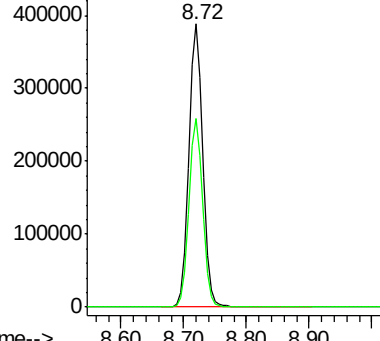
98 100

100 66.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 43.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001639.D

Acq: 11 May 2018 15:14

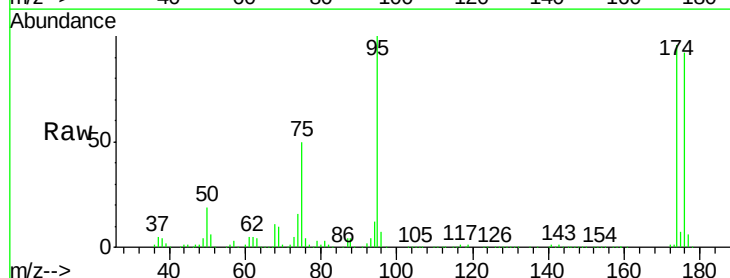
Tgt Ion: 95 Resp: 194945

Ion Ratio Lower Upper

95 100

174 101.4 0.0 202.0

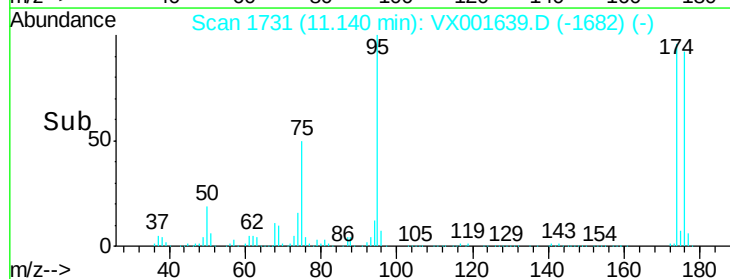
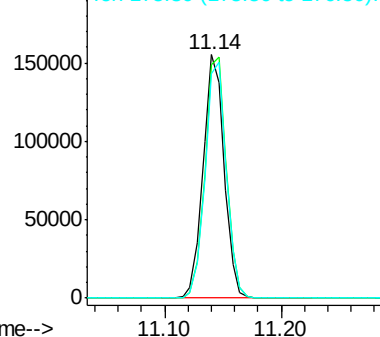
176 98.2 0.0 197.4

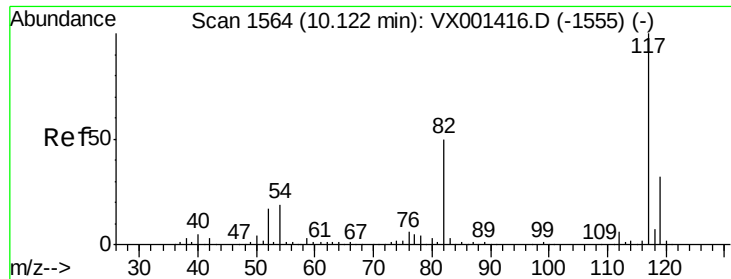


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

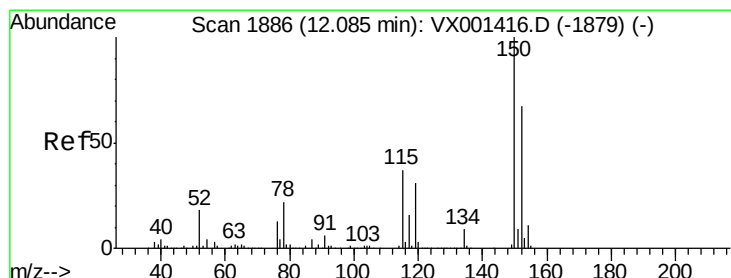
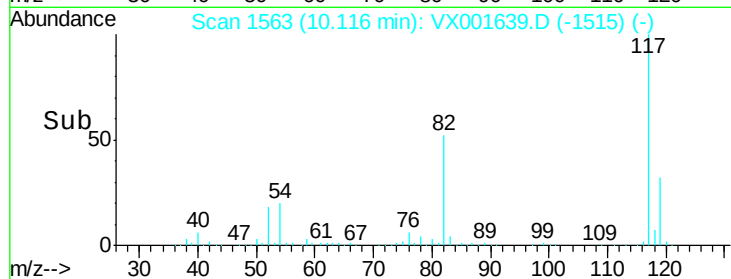
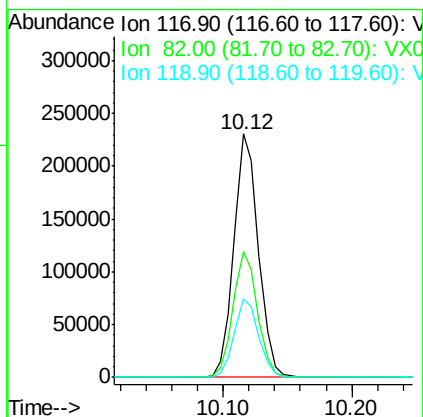
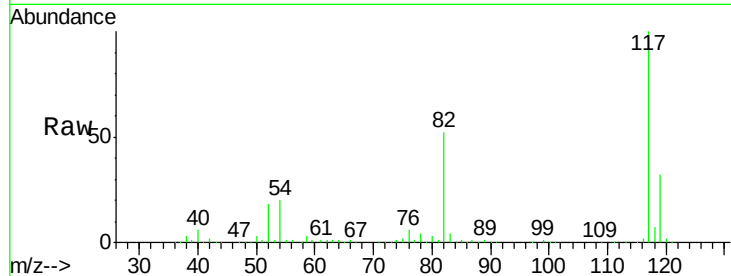




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001639.D
Acq: 11 May 2018 15:14

Instrument :
MSVOA_X
ClientSampleId :
Z3TB05-180501

Tot Ion:117 Resp: 305781
Ion Ratio Lower Upper
117 100
82 51.9 40.0 60.0
119 32.0 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: VX001639.D
Acq: 11 May 2018 15:14

Tgt Ion:152 Resp: 165746
Ion Ratio Lower Upper
152 100
115 52.2 37.7 113.1
150 156.1 0.0 349.4

