

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001888.D
 Acq On : 21 May 2018 20:01
 Operator : JC/MD
 Sample : J2986-11RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB10-180514RE

Quant Time: May 22 10:35:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	239765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	111412	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	172557	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.51	113	153409	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
50) Toluene-d8	8.72	98	444967	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	
62) 4-Bromofluorobenzene	11.15	95	132437	36.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.62%	

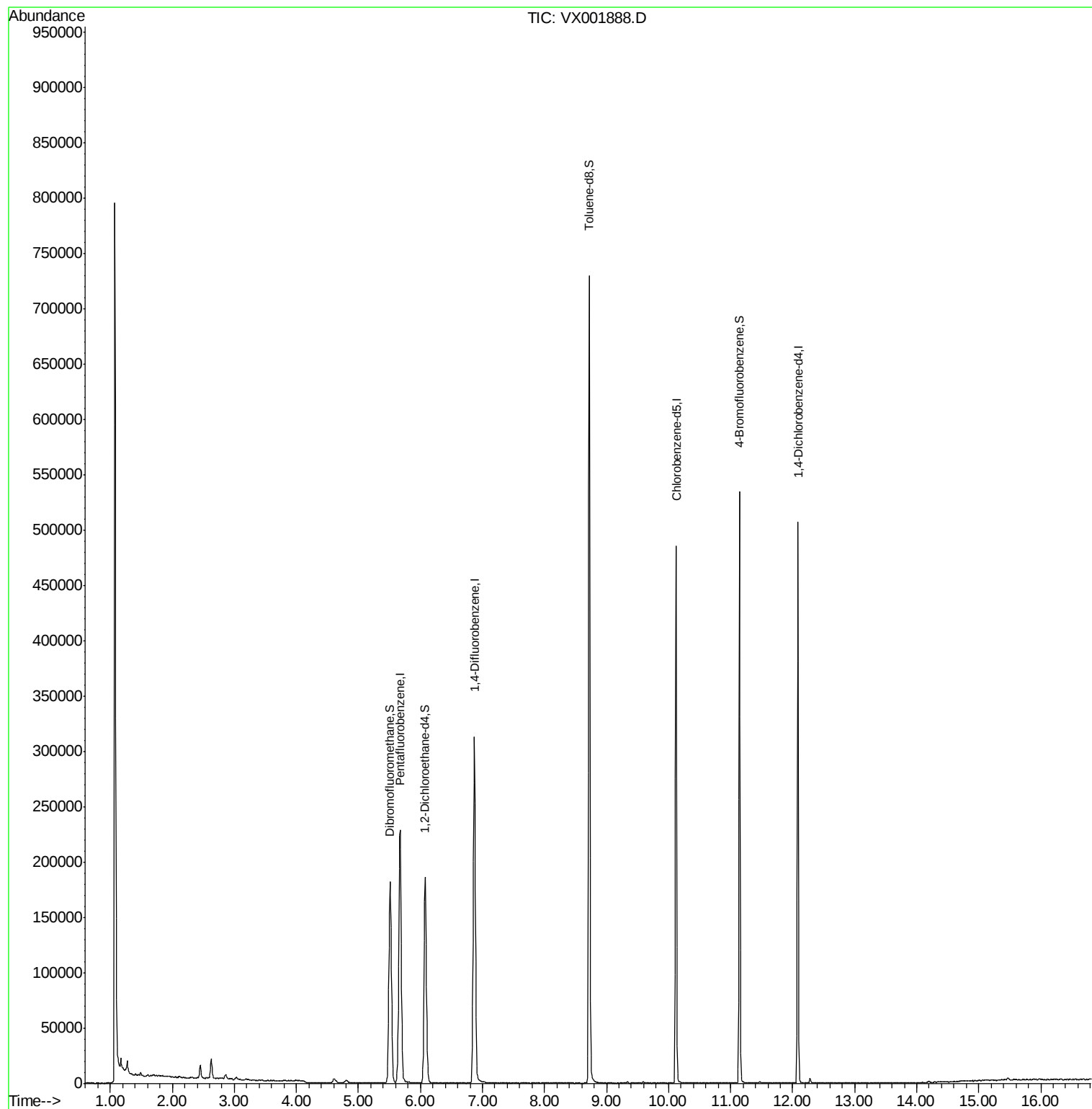
Target Compounds	Qvalue

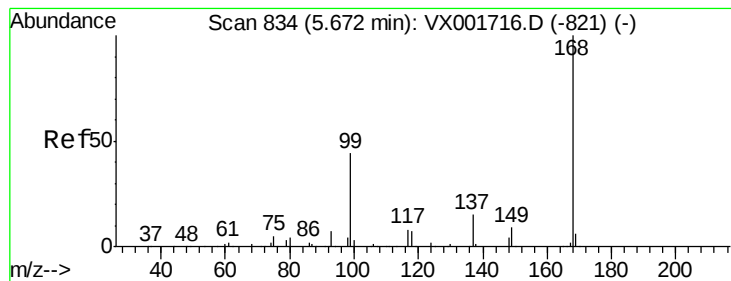
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001888.D

Acq: 21 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

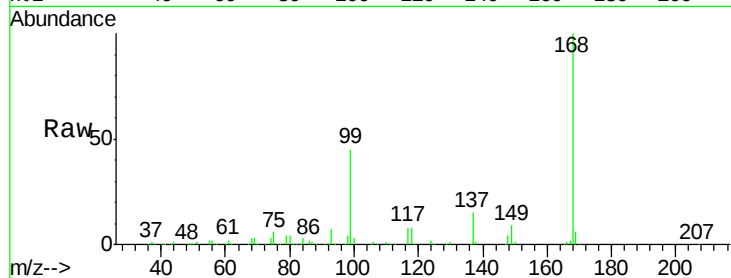
Z3TB10-180514RE

Tot Ion:168 Resp: 250480

Ion Ratio Lower Upper

168 100

99 45.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

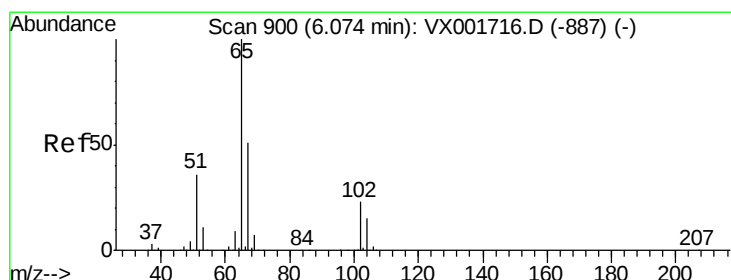
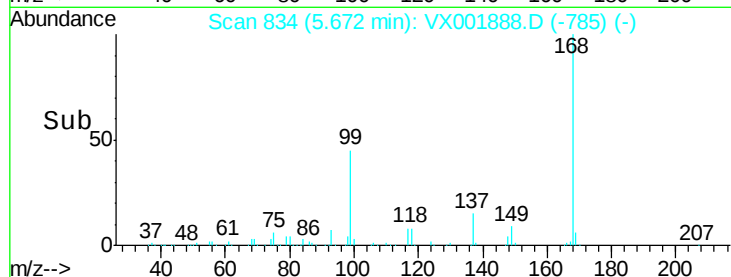
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.396 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001888.D

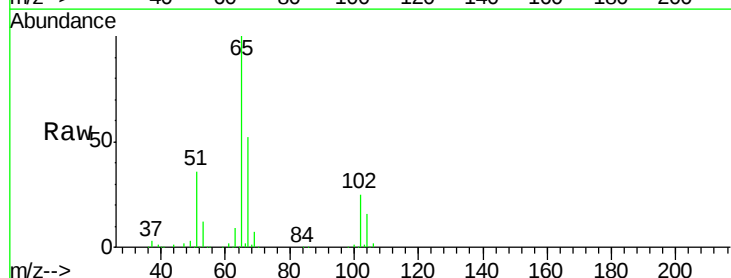
Acq: 21 May 2018 20:01

Tgt Ion: 65 Resp: 172557

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

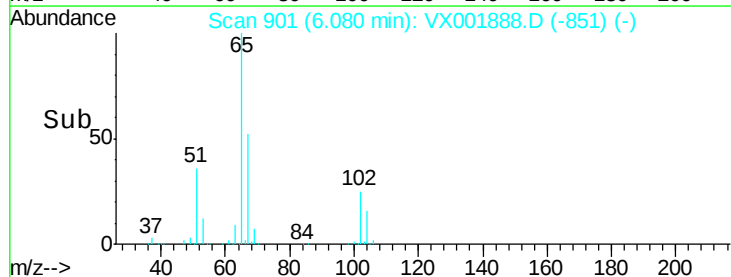
60000

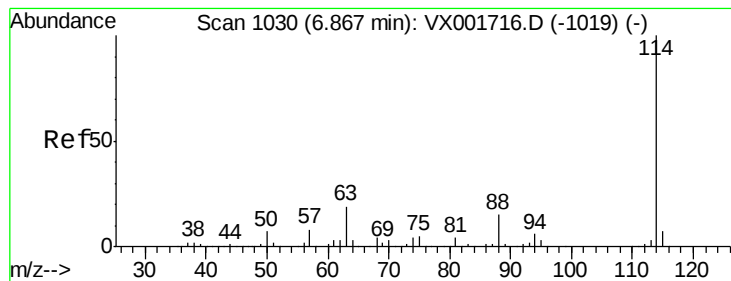
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

Z3TB10-180514RE

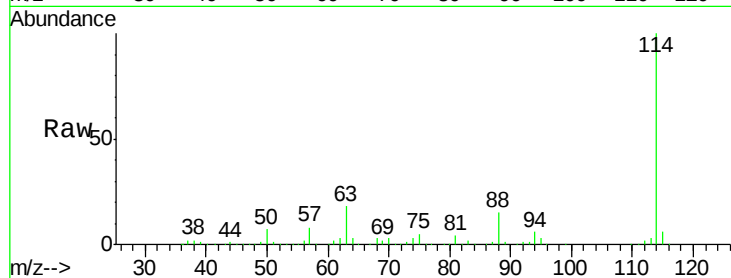
Tot Ion:114 Resp: 335204

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

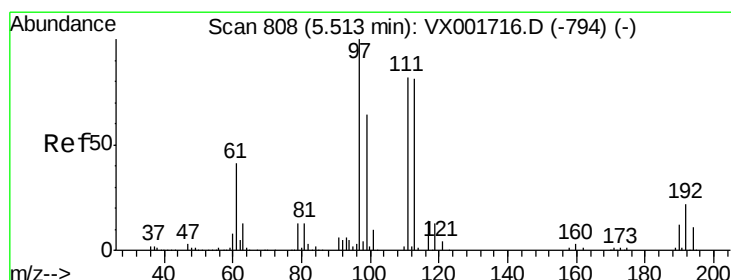
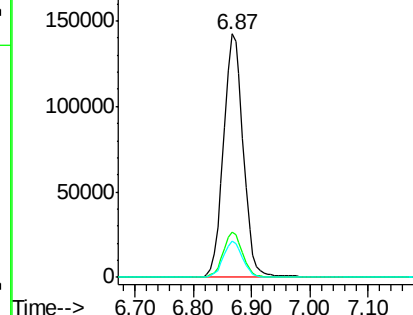
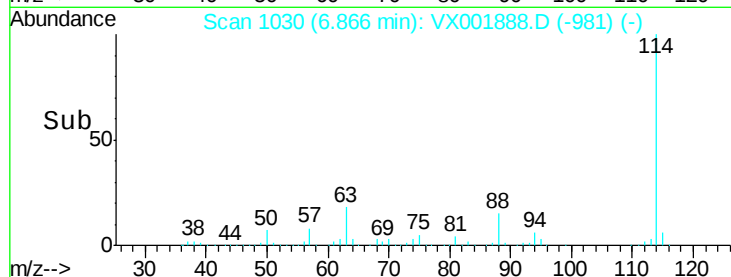
88 14.8 0.0 29.8



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: 54.231 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

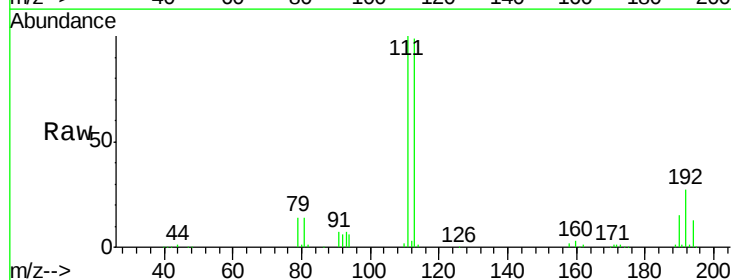
Tgt Ion:113 Resp: 153409

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

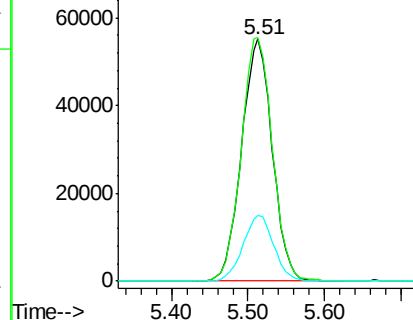
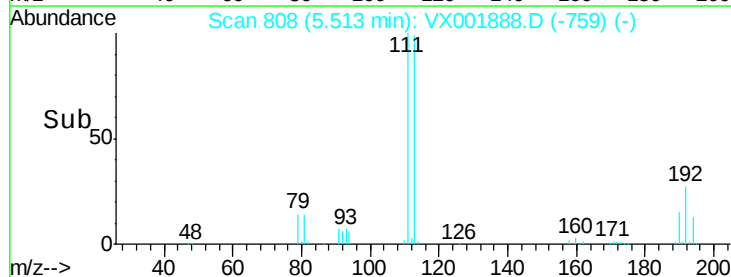
192 27.3 21.6 32.4

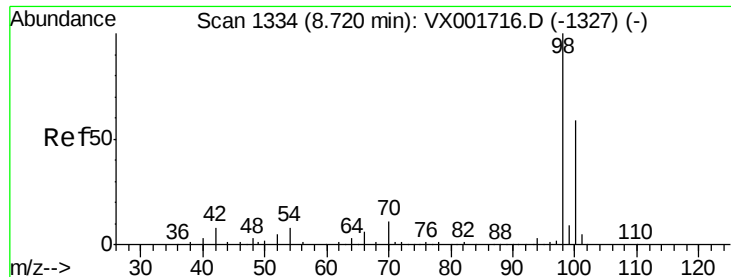


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.920 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

Instrument :

MSVOA_X

ClientSampleId :

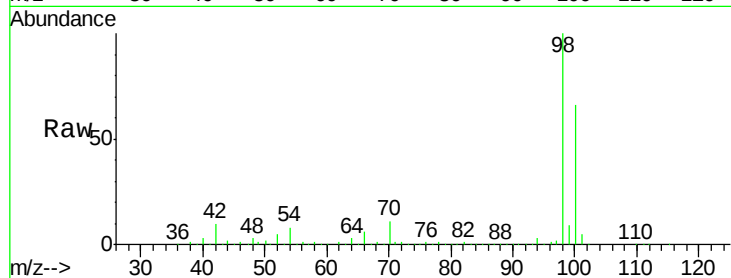
Z3TB10-180514RE

Tot Ion: 98 Resp: 444967

Ion Ratio Lower Upper

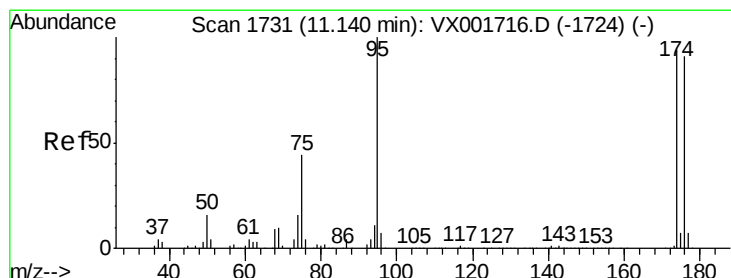
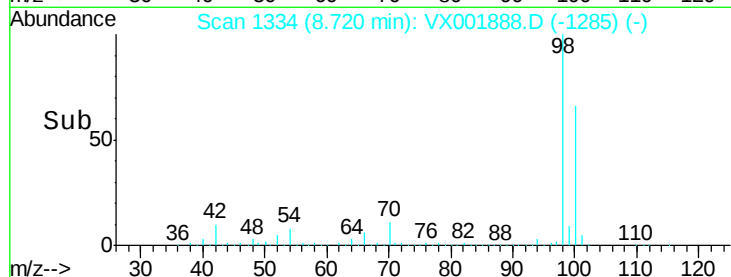
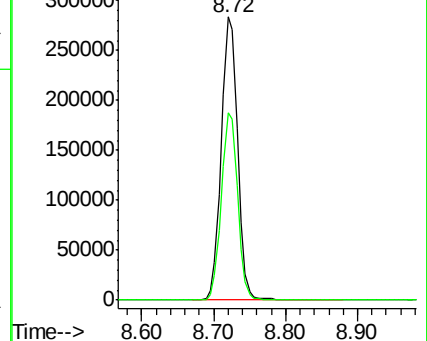
98 100

100 66.0 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: 36.306 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001888.D

Acq: 21 May 2018 20:01

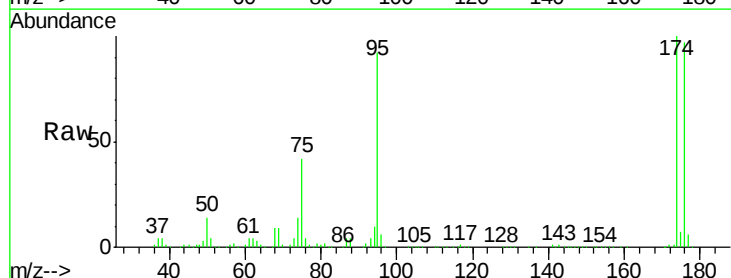
Tgt Ion: 95 Resp: 132437

Ion Ratio Lower Upper

95 100

174 103.6 0.0 201.8

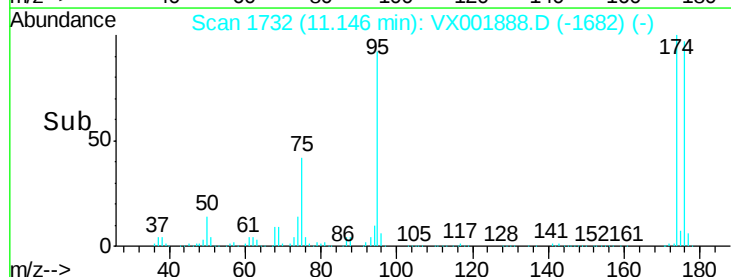
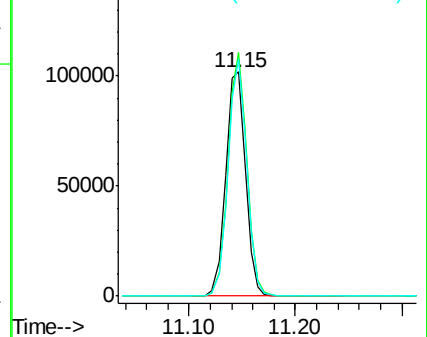
176 99.9 0.0 196.8

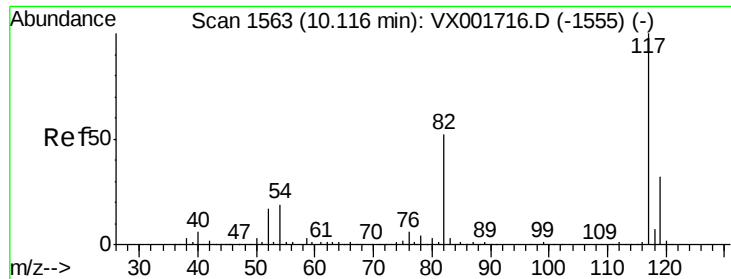


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

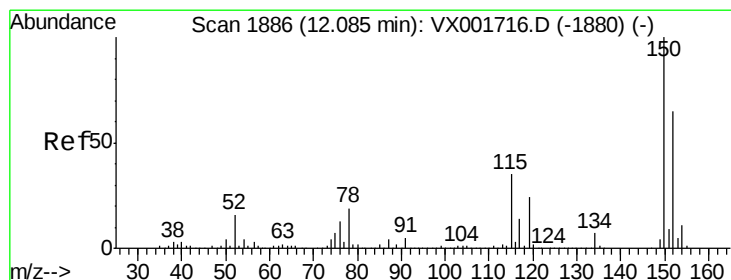
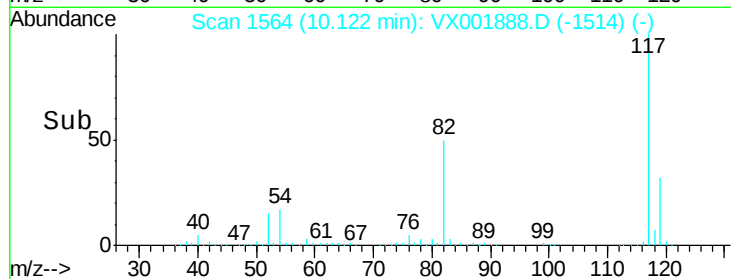
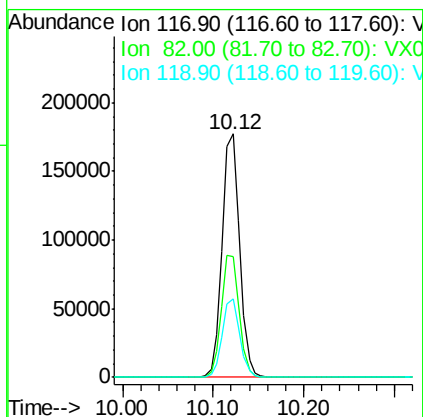
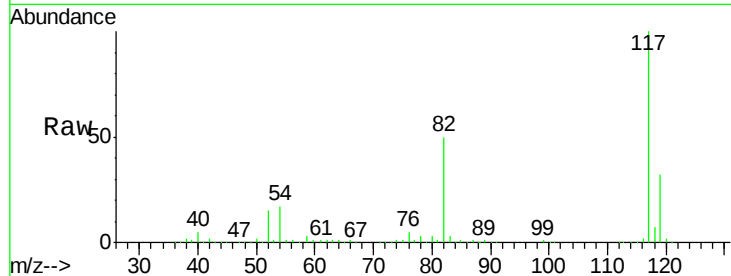




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

Instrument :
MSVOA_X
ClientSampleId :
Z3TB10-180514RE

Tot Ion:117 Resp: 239765
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001888.D
Acq: 21 May 2018 20:01

Tgt Ion:152 Resp: 111412
Ion Ratio Lower Upper
152 100
115 51.5 37.4 112.2
150 155.6 0.0 344.8

