

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000867.D
 Acq On : 14 Apr 2018 11:40
 Operator : JC/MD
 Sample : J2353-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB02-180410

Quant Time: Apr 16 06:31:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203161	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150706	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
35) Dibromofluoromethane	5.51	113	122057	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.72	98	473964	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.15	95	181593	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

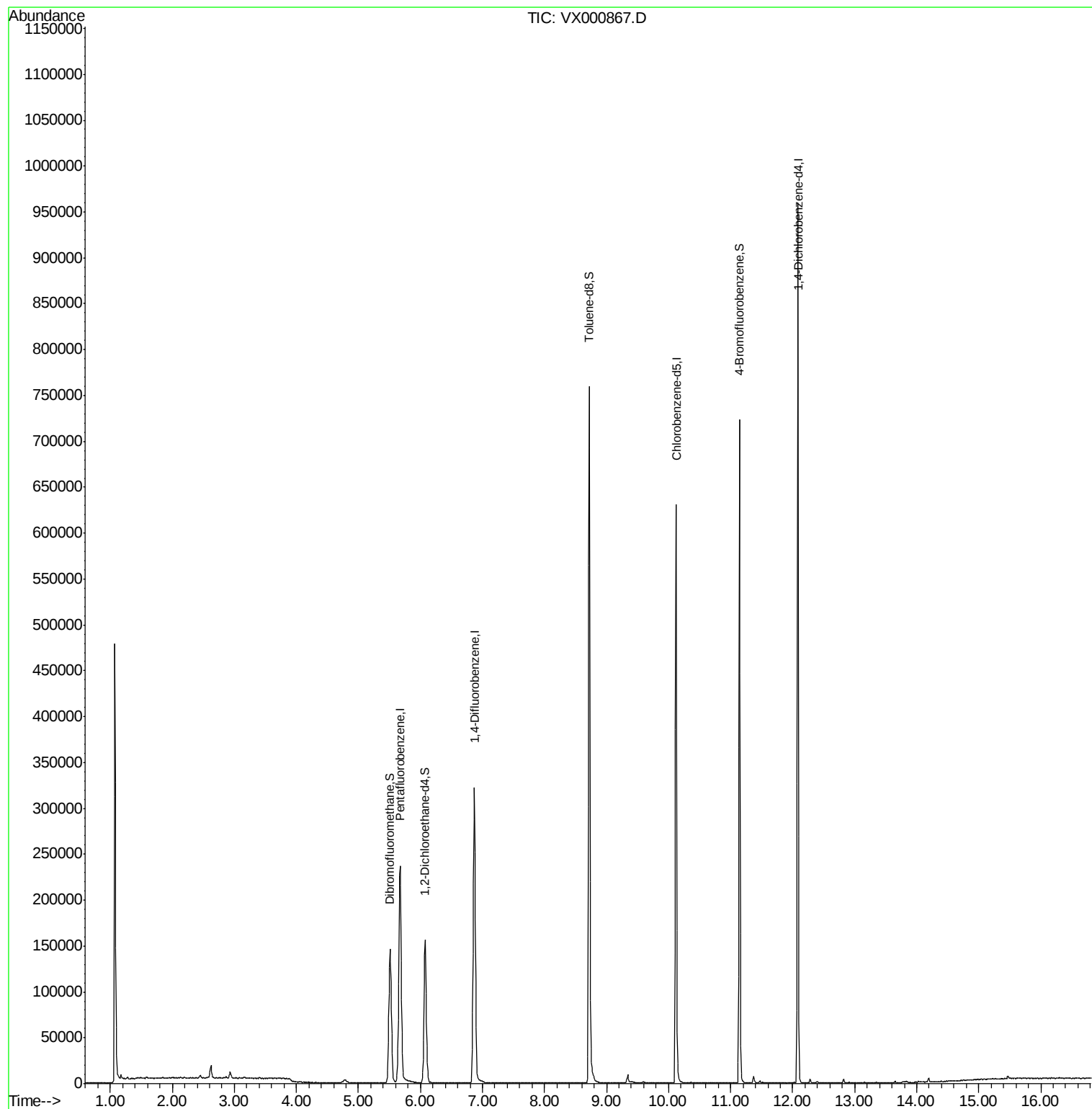
Target Compounds	Qvalue

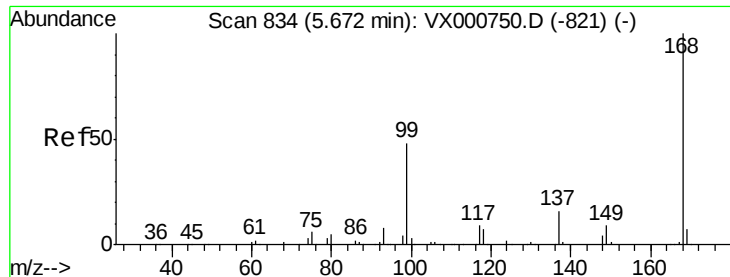
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000867.D

Acq: 14 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

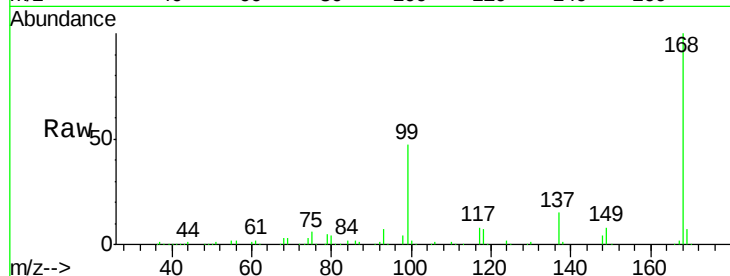
Z1TB02-180410

Tot Ion:168 Resp: 257735

Ion Ratio Lower Upper

168 100

99 46.7 38.3 57.5



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

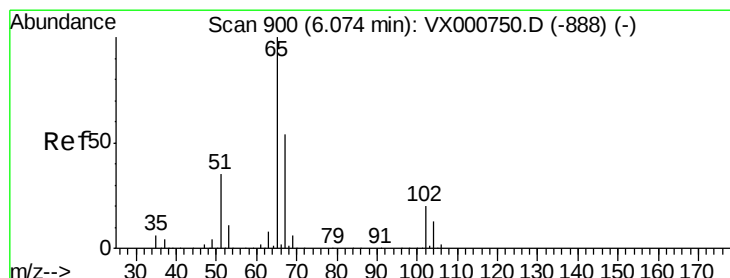
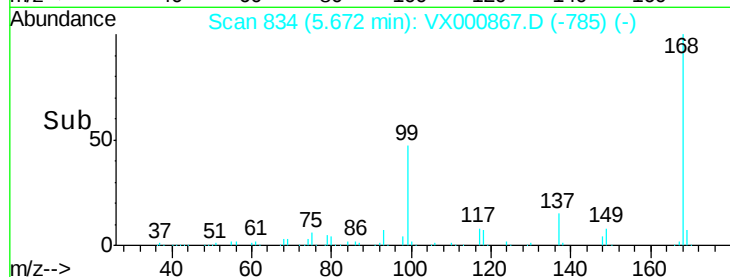
Time-->

5.50

5.60

5.70

5.80



#33

1,2-Dichloroethane-d4

Concen: 46.37 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000867.D

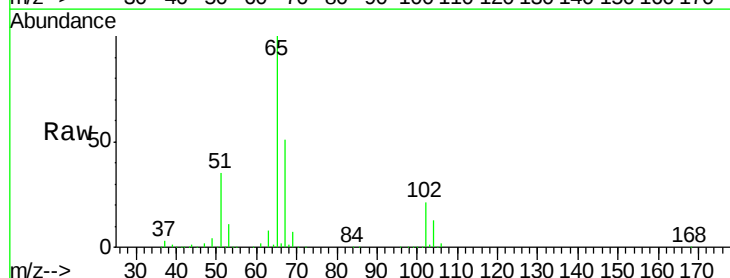
Acq: 14 Apr 2018 11:40

Tgt Ion: 65 Resp: 150706

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

40000

20000

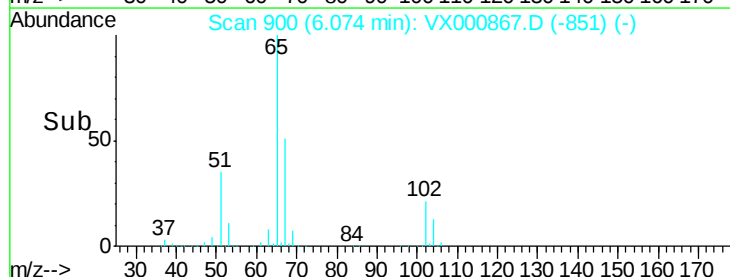
0

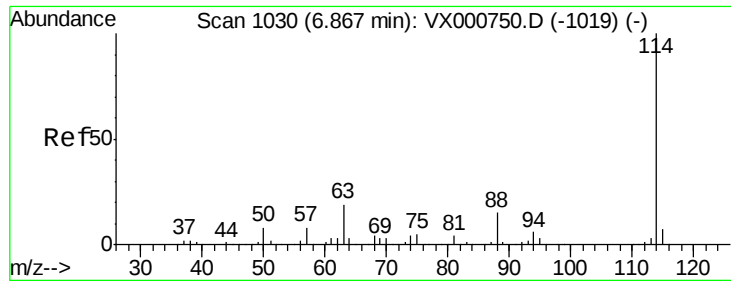
Time-->

6.00

6.10

6.20

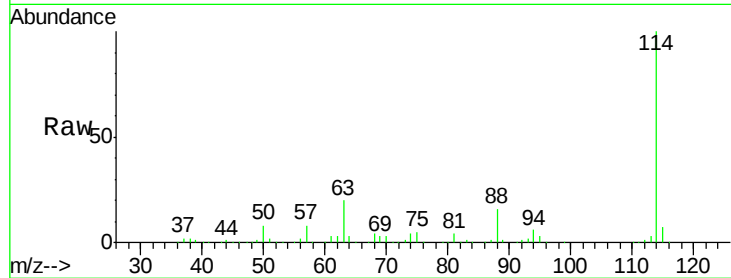




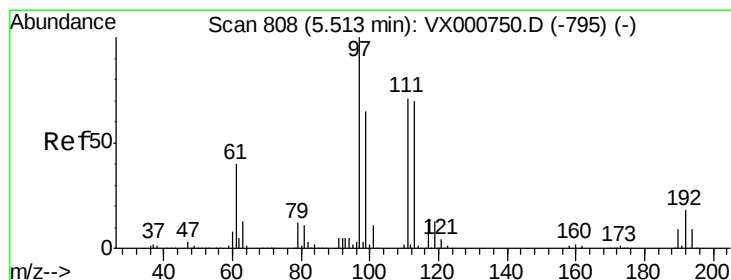
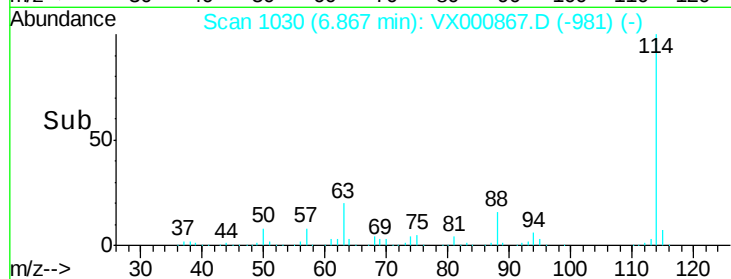
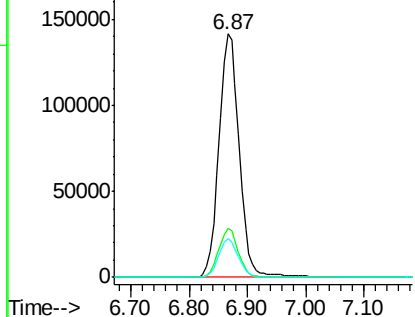
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000867.D
 Acq: 14 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 Z1TB02-180410

Tot Ion:114 Resp: 341802
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.4
 88 15.8 0.0 31.0

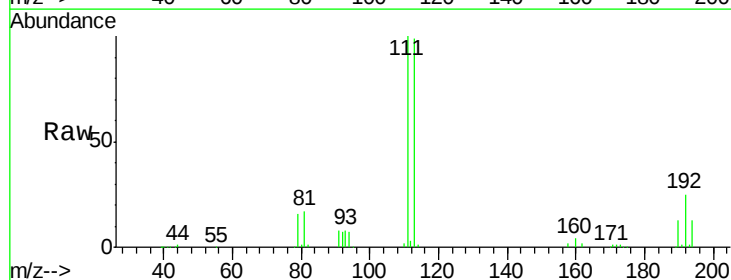


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

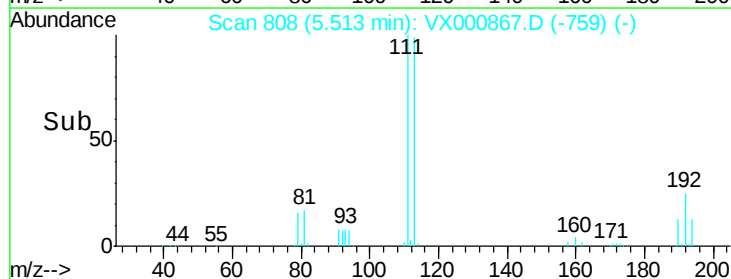
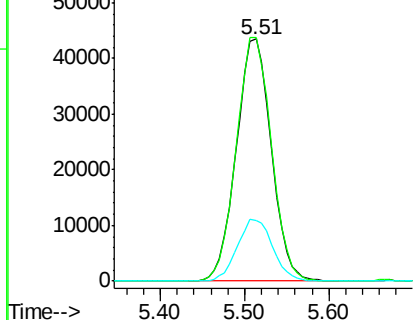


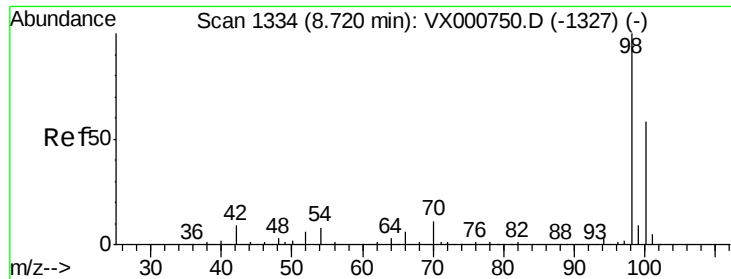
#35
 Dibromofluoromethane
 Concen: 46.35 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000867.D
 Acq: 14 Apr 2018 11:40

Tgt Ion:113 Resp: 122057
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.5 122.3
 192 25.7 20.4 30.6



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: 48.34 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000867.D

Acq: 14 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

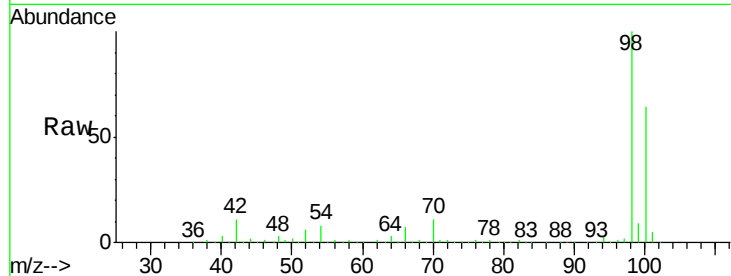
Z1TB02-180410

Tot Ion: 98 Resp: 473964

Ion Ratio Lower Upper

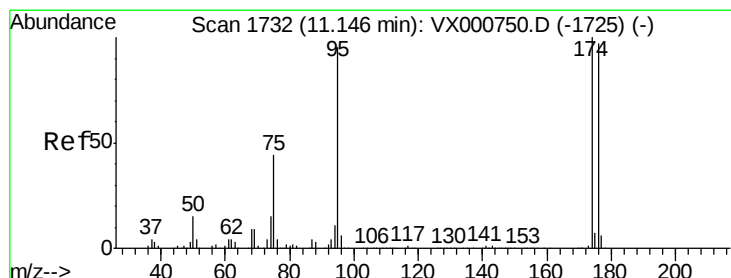
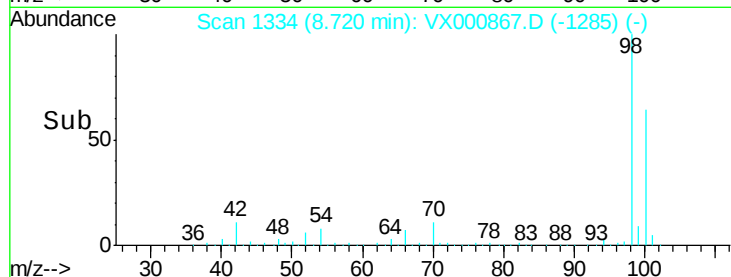
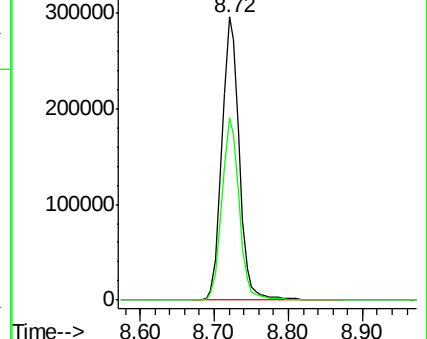
98 100

100 64.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.76 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000867.D

Acq: 14 Apr 2018 11:40

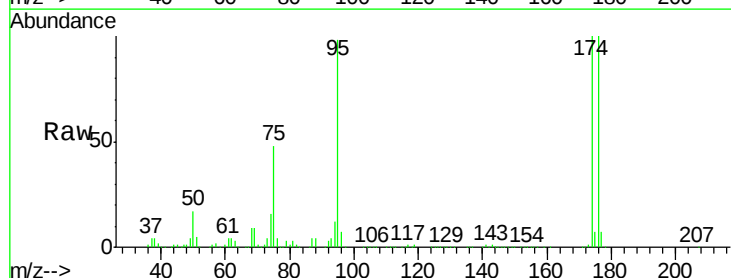
Tgt Ion: 95 Resp: 181593

Ion Ratio Lower Upper

95 100

174 97.7 0.0 198.4

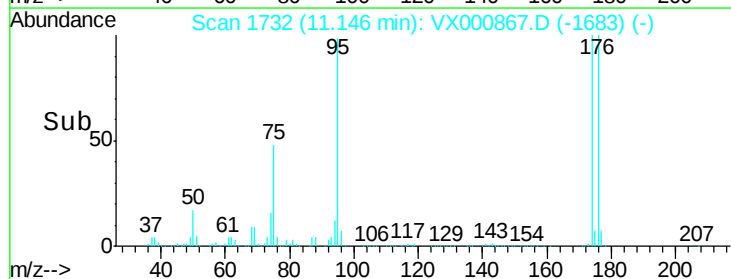
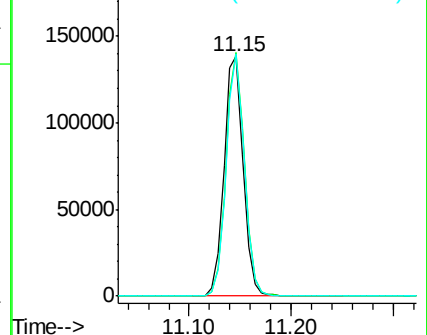
176 96.0 0.0 194.4

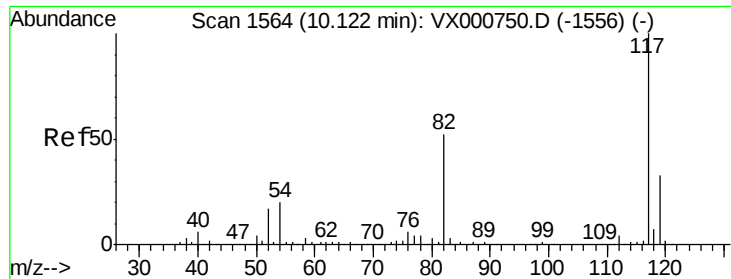


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

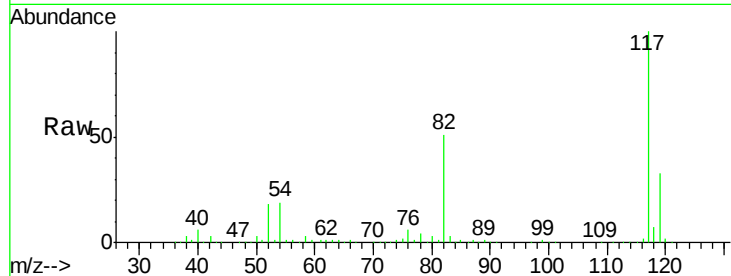




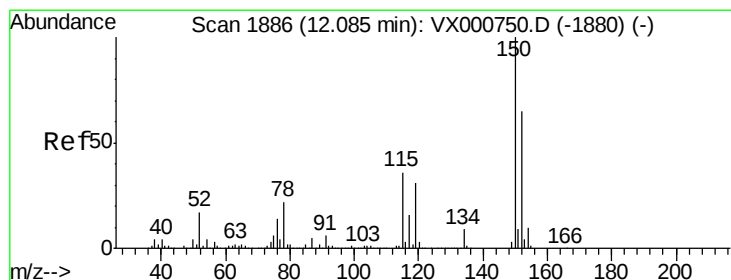
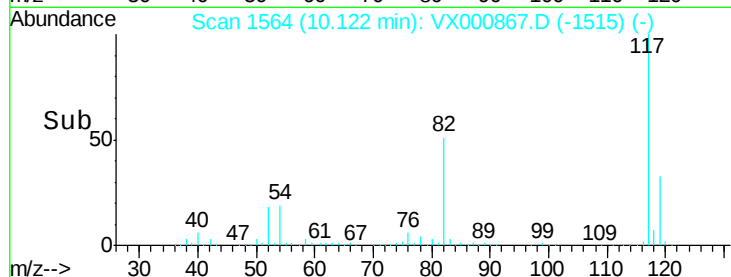
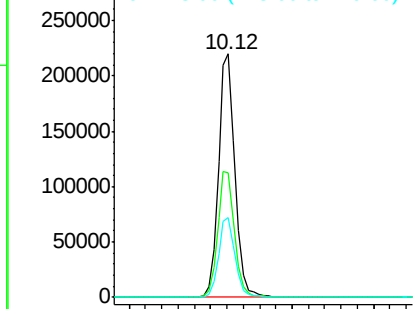
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000867.D
Acq: 14 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
Z1TB02-180410

Tot Ion:117 Resp: 310914
Ion Ratio Lower Upper
117 100
82 51.2 41.9 62.9
119 32.8 26.0 39.0

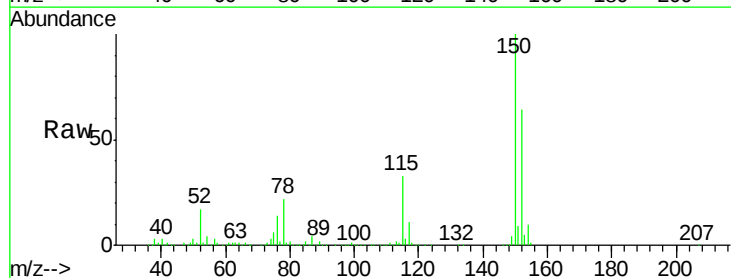


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000867.D
Acq: 14 Apr 2018 11:40

Tgt Ion:152 Resp: 203161
Ion Ratio Lower Upper
152 100
115 53.3 37.9 113.7
150 156.3 0.0 348.0



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

