

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000954.D
 Acq On : 17 Apr 2018 07:06
 Operator : JC/MD
 Sample : J2349-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0439-180409

Quant Time: Apr 18 13:43:22 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	263080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231998	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	166720	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	5.51	113	129712	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
50) Toluene-d8	8.72	98	515726	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	203802	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

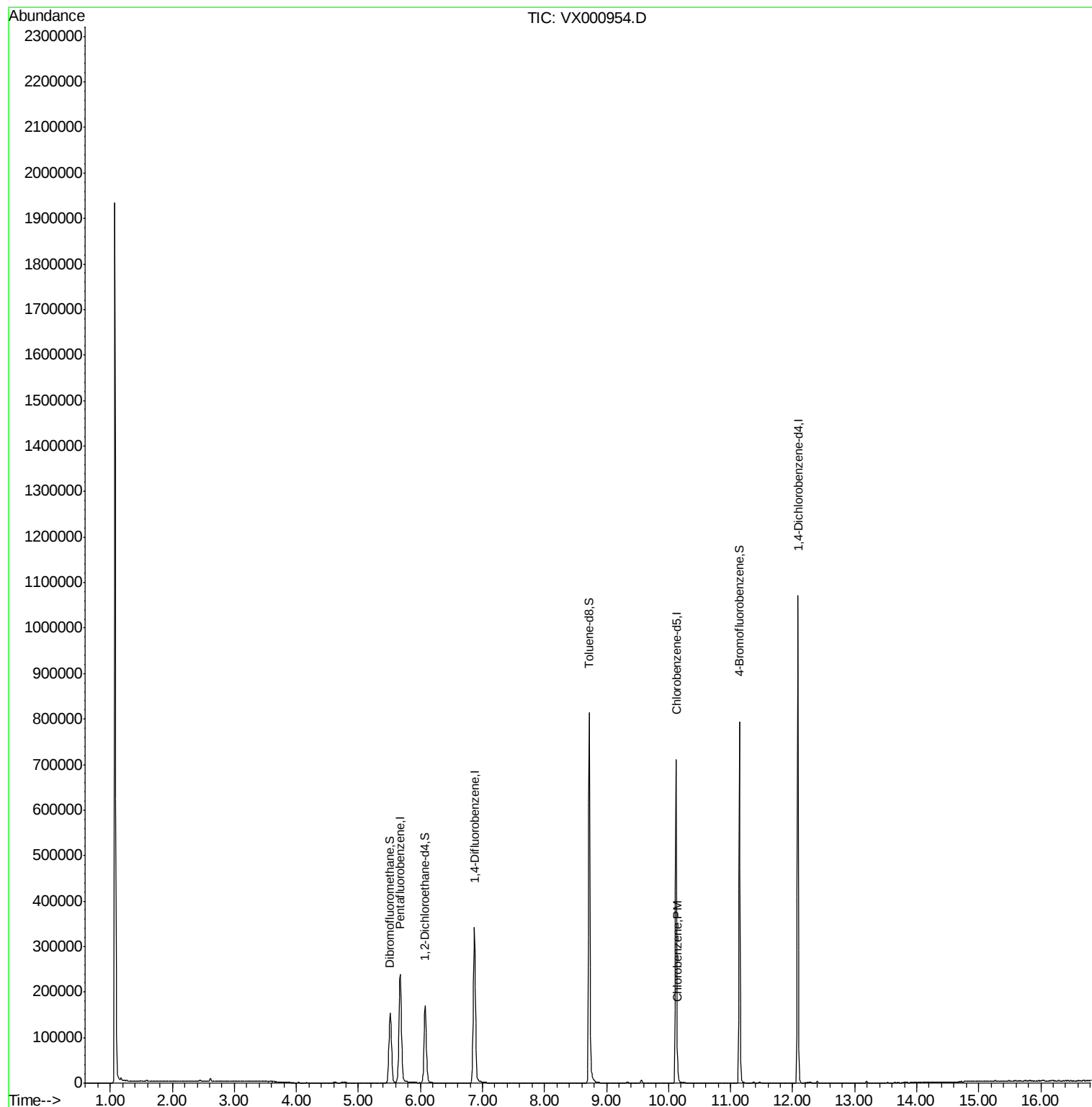
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
65) Chlorobenzene	10.15	112	8468	0.97	ug/l	95

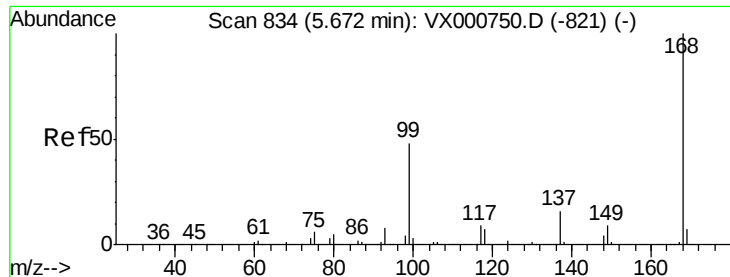
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

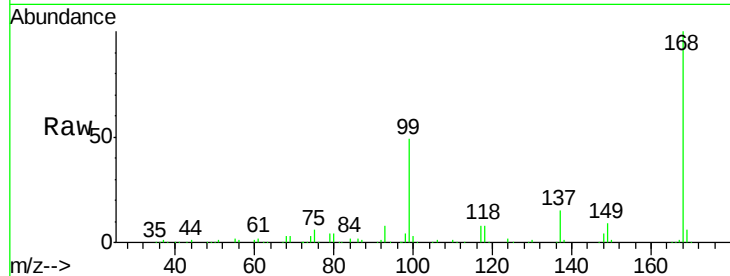
DUP-0439-180409

Tot Ion:168 Resp: 263080

Ion Ratio Lower Upper

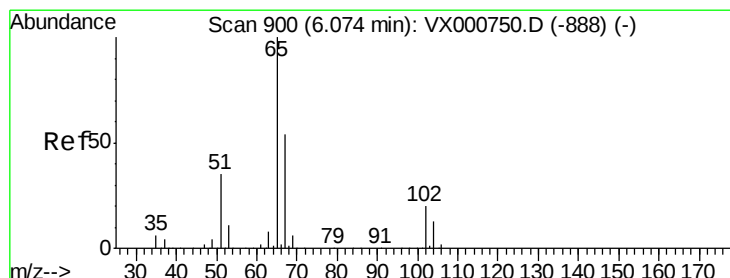
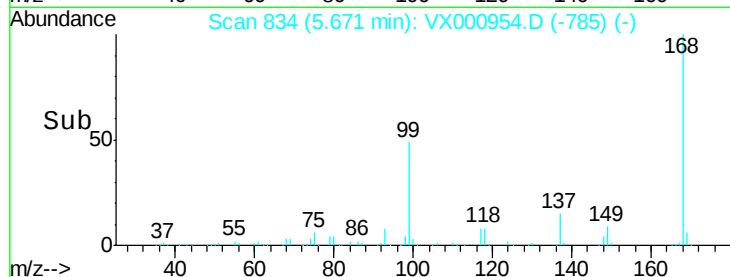
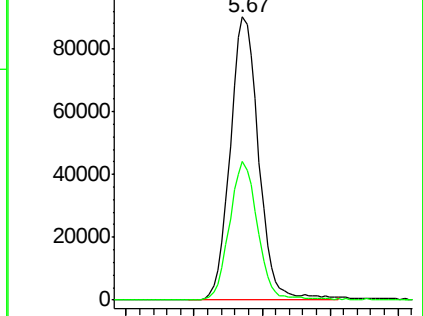
168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.26 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000954.D

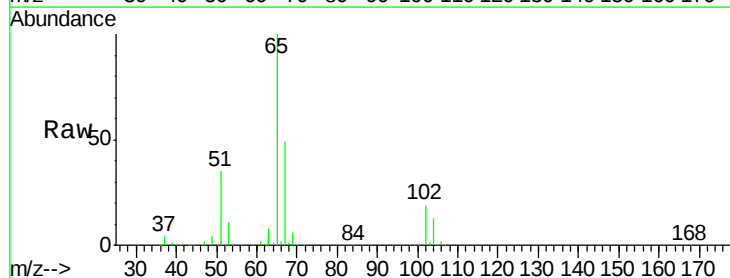
Acq: 17 Apr 2018 07:06

Tgt Ion: 65 Resp: 166720

Ion Ratio Lower Upper

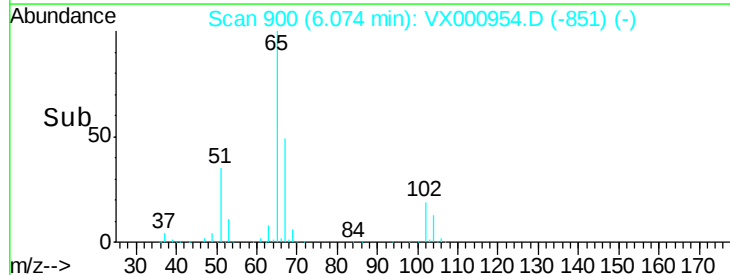
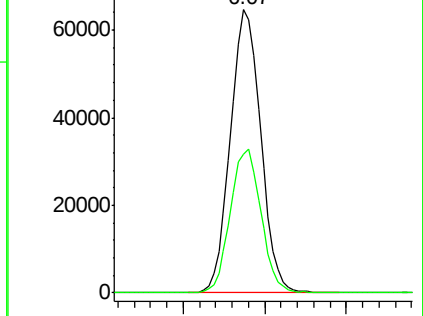
65 100

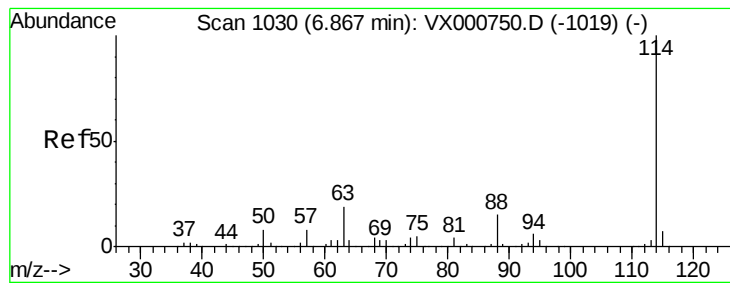
67 51.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

DUP-0439-180409

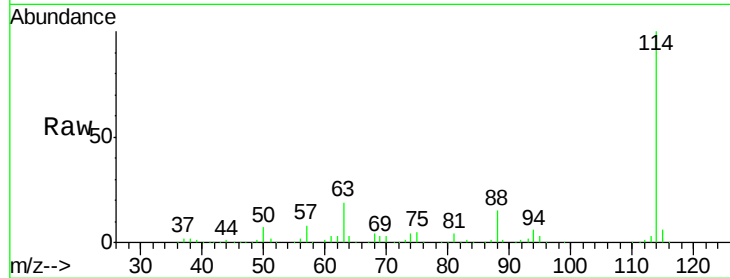
Tot Ion:114 Resp: 367917

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

88 15.2 0.0 31.0



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

6.87

150000

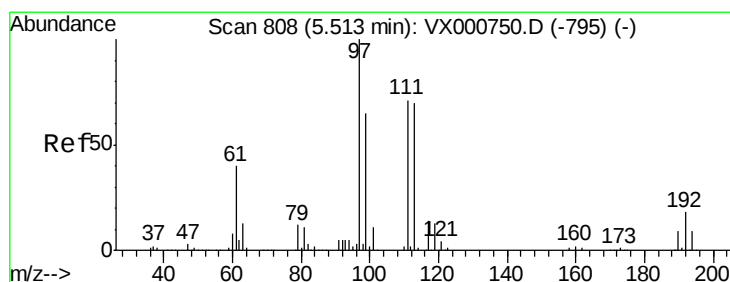
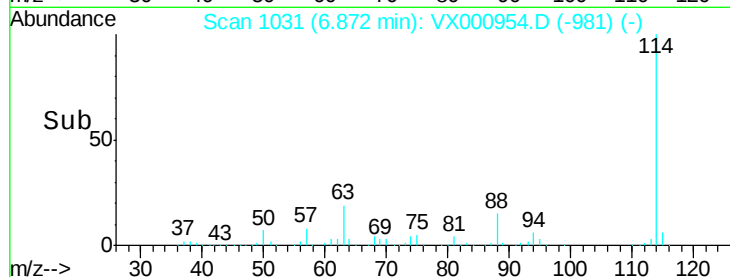
100000

50000

0

Time-->

6.80 7.00 7.20



#35

Dibromofluoromethane

Concen: 45.76 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

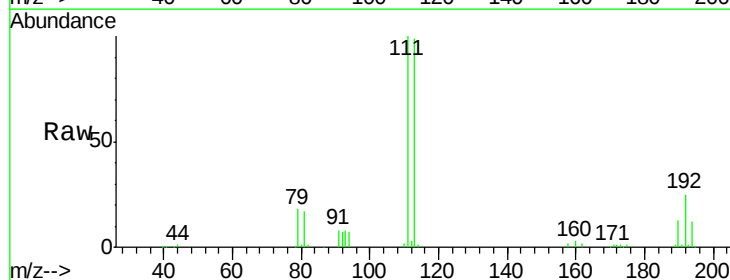
Tgt Ion:113 Resp: 129712

Ion Ratio Lower Upper

113 100

111 101.8 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

5.51

60000

50000

40000

30000

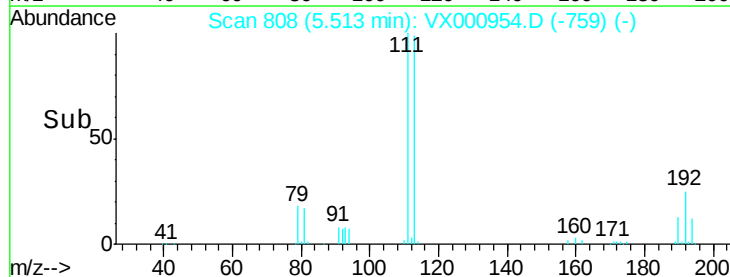
20000

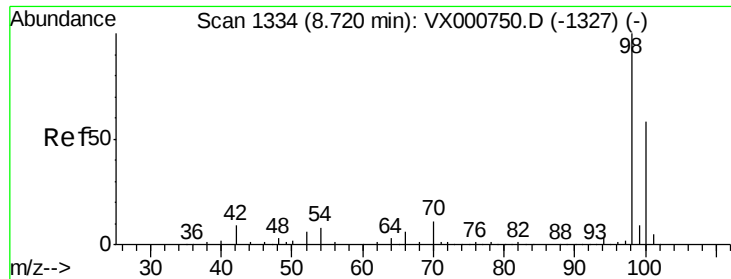
10000

0

Time-->

5.40 5.50 5.60





#50

Toluene-d8

Concen: 48.86 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

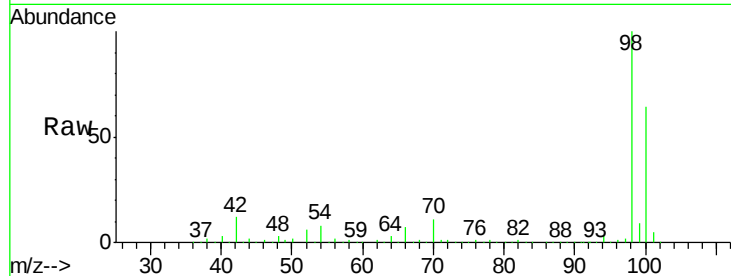
DUP-0439-180409

Tot Ion: 98 Resp: 515726

Ion Ratio Lower Upper

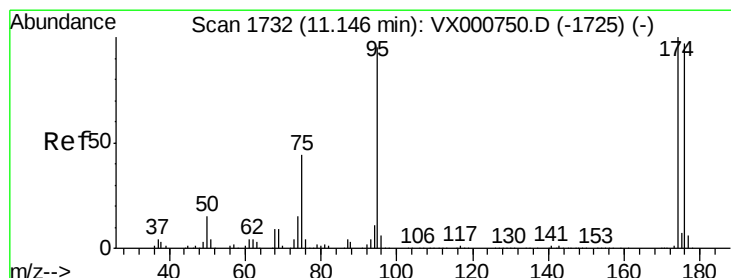
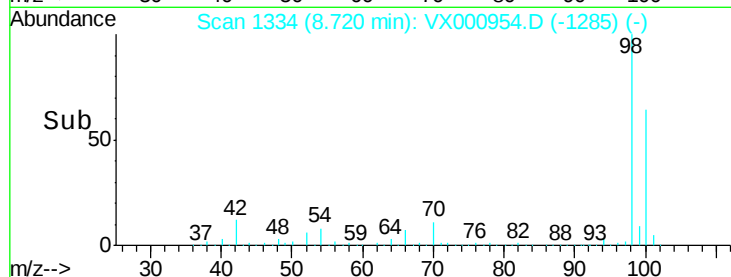
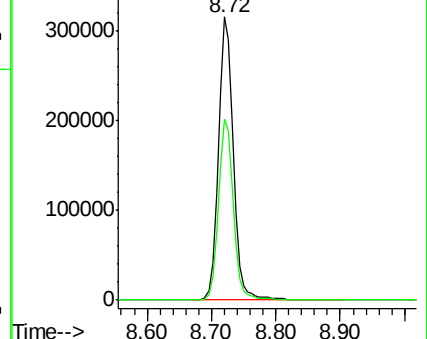
98 100

100 64.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

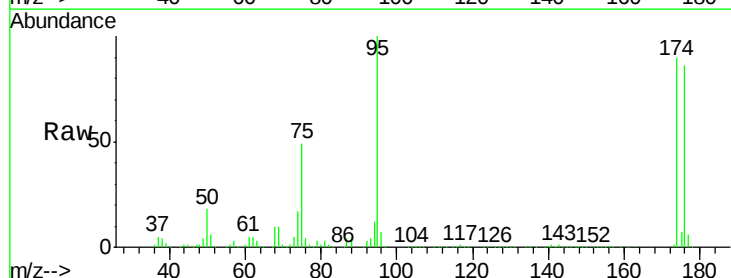
Tgt Ion: 95 Resp: 203802

Ion Ratio Lower Upper

95 100

174 98.4 0.0 198.4

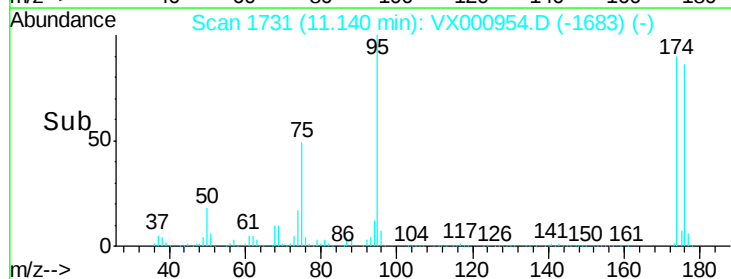
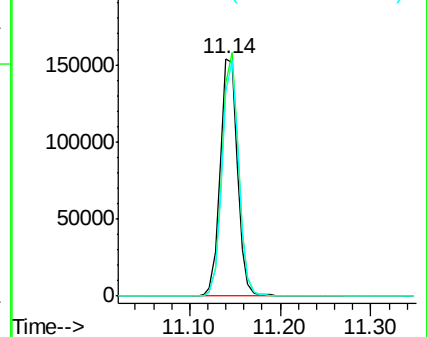
176 95.7 0.0 194.4

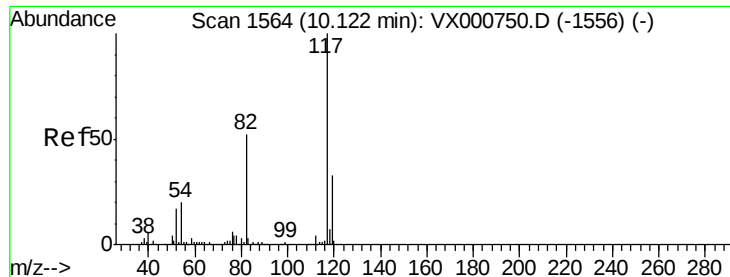


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

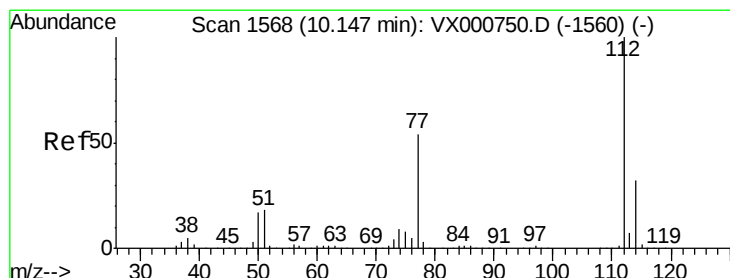
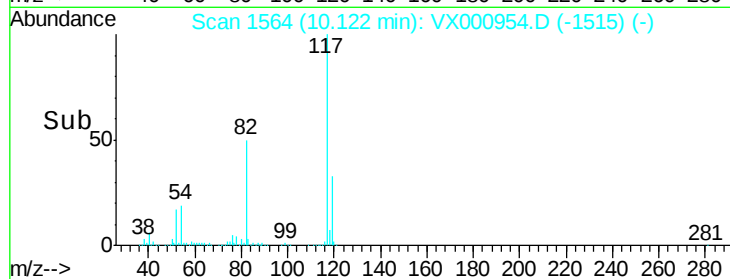
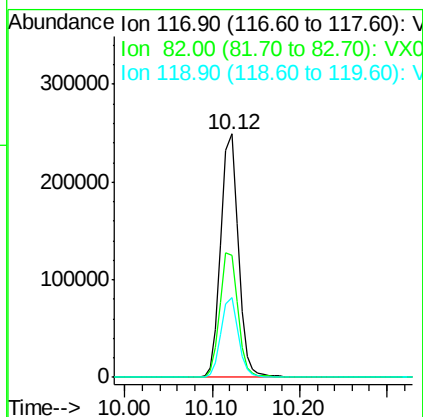
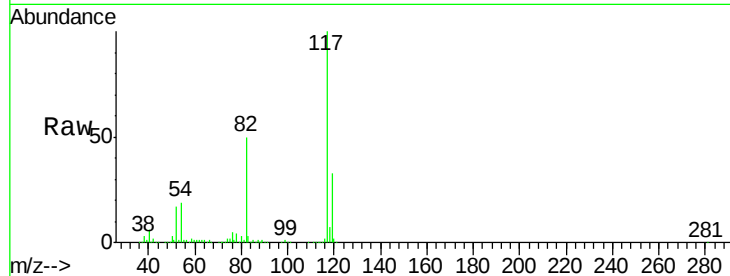




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

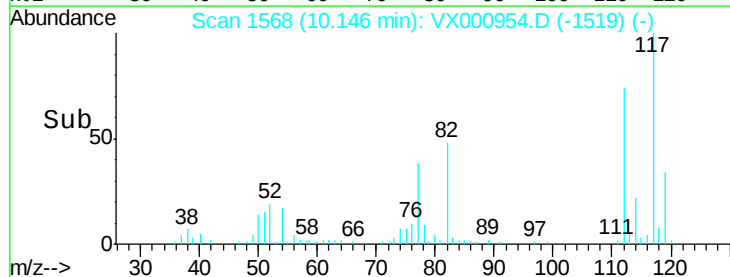
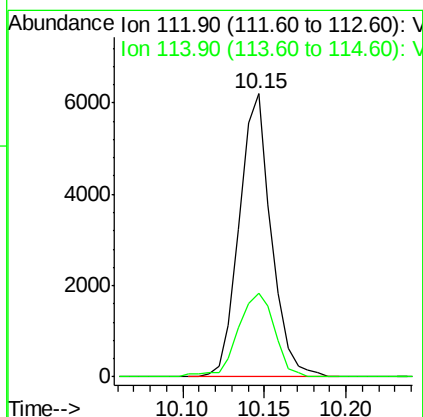
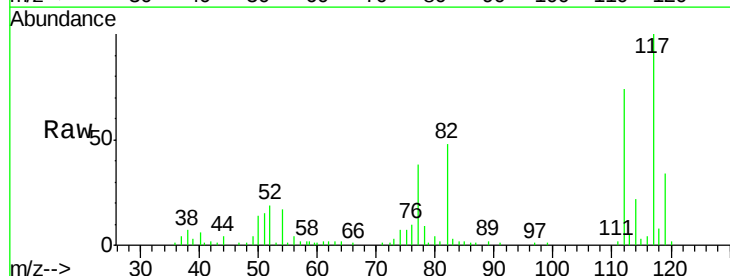
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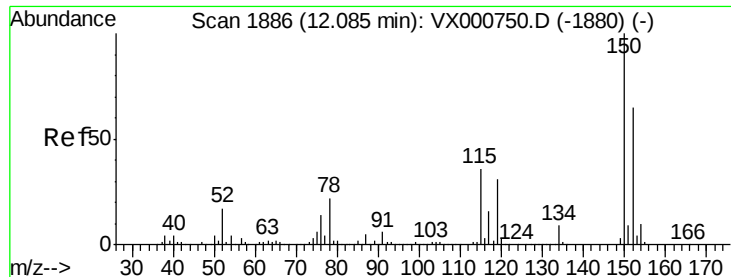
Tot Ion:117 Resp: 347140
Ion Ratio Lower Upper
117 100
82 50.4 41.9 62.9
119 32.6 26.0 39.0



#65
Chlorobenzene
Concen: 0.97 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000954.D
Acq: 17 Apr 2018 07:06

Tgt Ion:112 Resp: 8468
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000954.D

Acq: 17 Apr 2018 07:06

Instrument :

MSVOA_X

ClientSampleId :

DUP-0439-180409

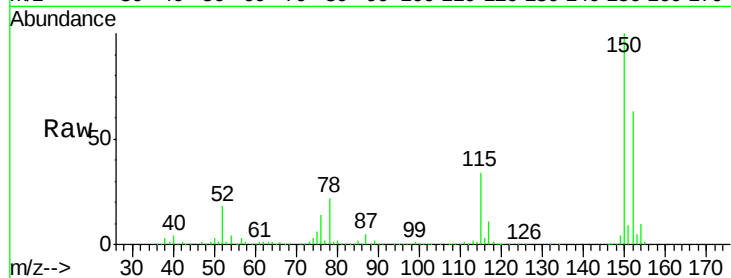
Tot Ion:152 Resp: 231998

Ion Ratio Lower Upper

152 100

115 53.1 37.9 113.7

150 155.8 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

