

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051618\
 Data File : VX001761.D
 Acq On : 16 May 2018 12:03
 Operator : JC/MD
 Sample : VX0516MBL01
 Misc : 5.00g/10mL/100ul/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0516MBL01

Quant Time: May 17 03:51:28 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	241568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	116575	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145072	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
35) Dibromofluoromethane	5.51	113	122817	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	8.72	98	435075	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
62) 4-Bromofluorobenzene	11.14	95	117953	33.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.94%	

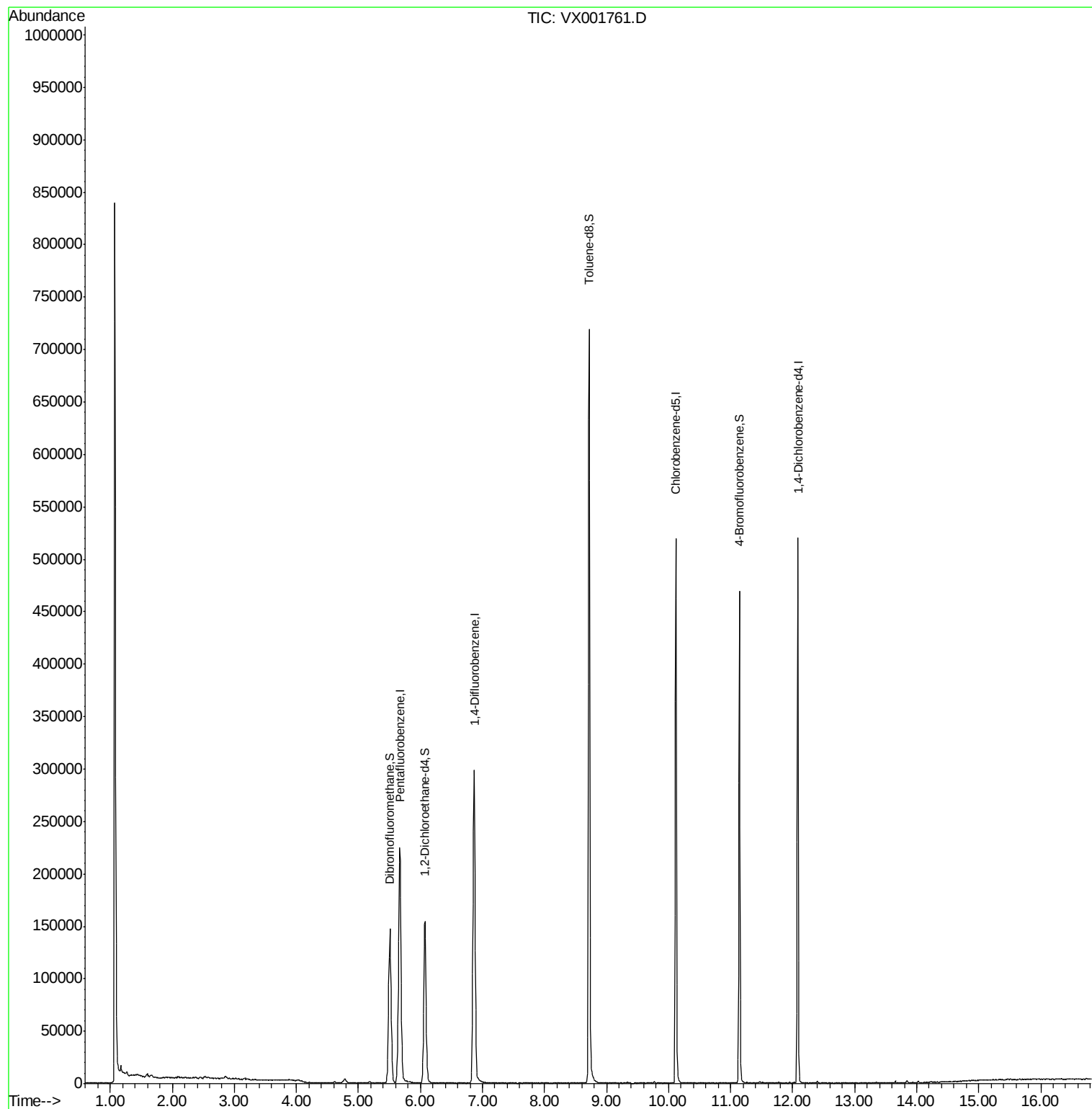
Target Compounds	Qvalue
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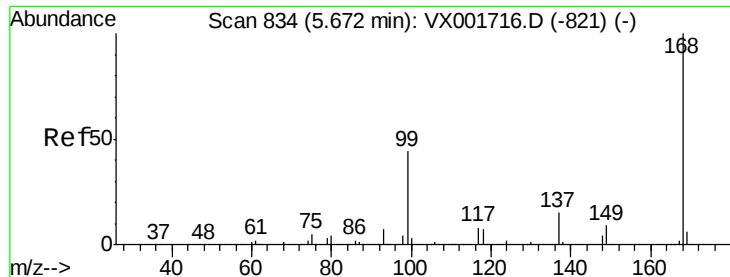
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001761.D

Acq: 16 May 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

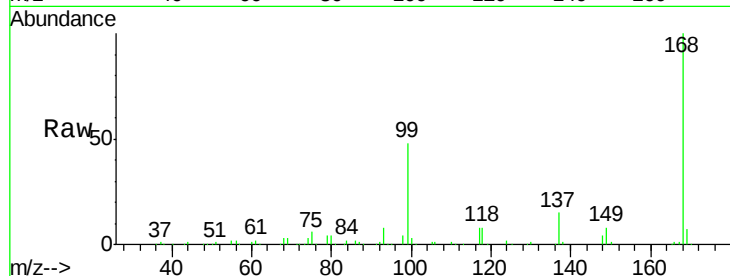
VX0516MBL01

Tot Ion:168 Resp: 241568

Ion Ratio Lower Upper

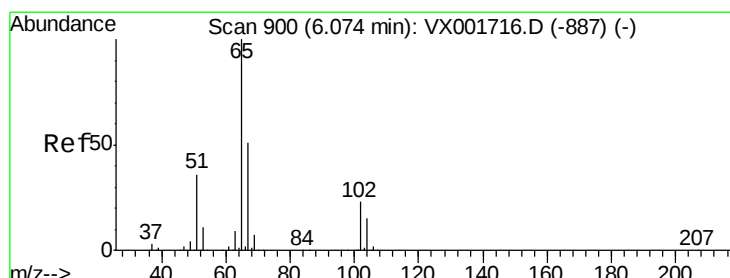
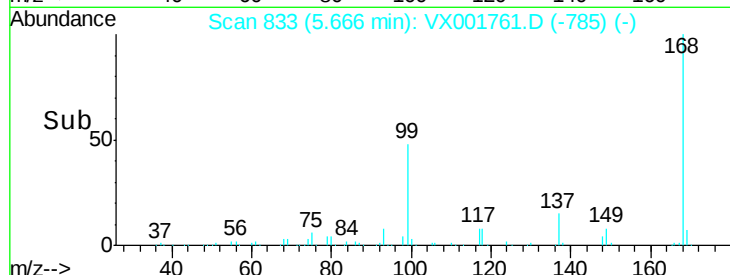
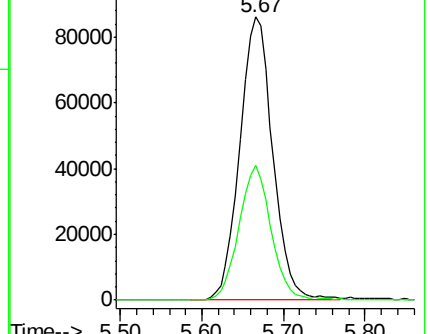
168 100

99 47.5 35.0 52.4



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: 44.80 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001761.D

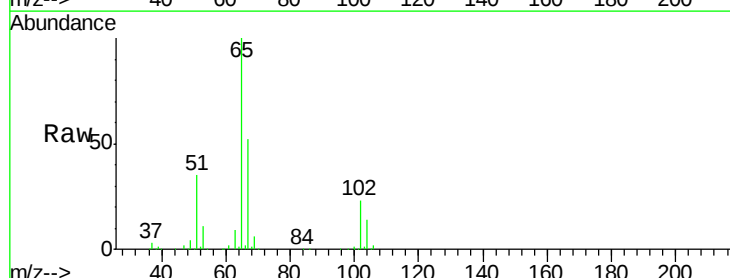
Acq: 16 May 2018 12:03

Tgt Ion: 65 Resp: 145072

Ion Ratio Lower Upper

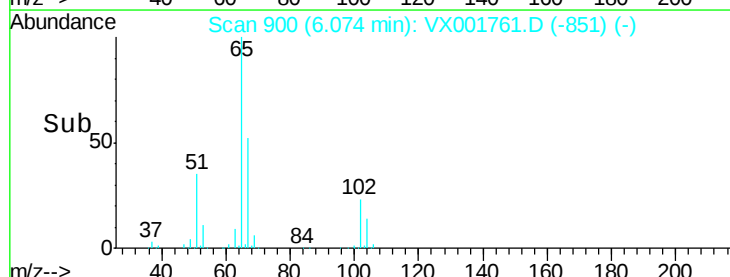
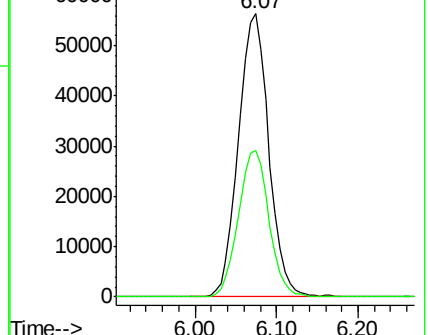
65 100

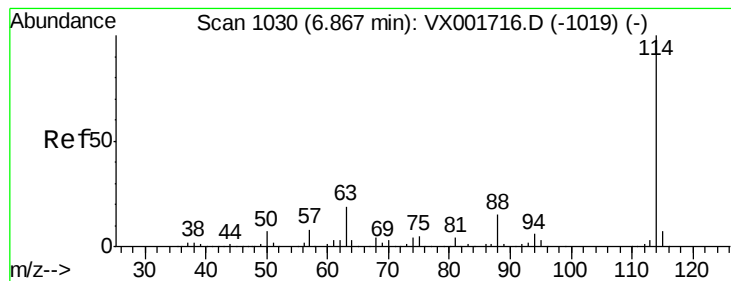
67 52.1 0.0 102.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX001761.D

Acq: 16 May 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBL01

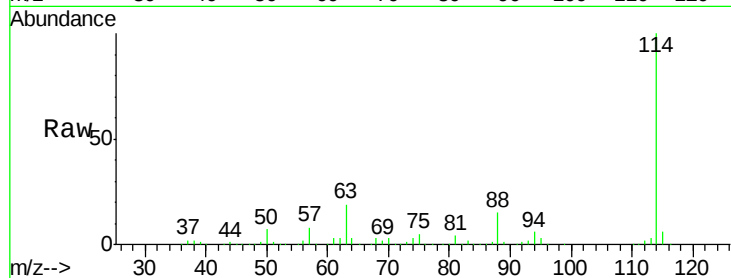
Tot Ion:114 Resp: 319109

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.0

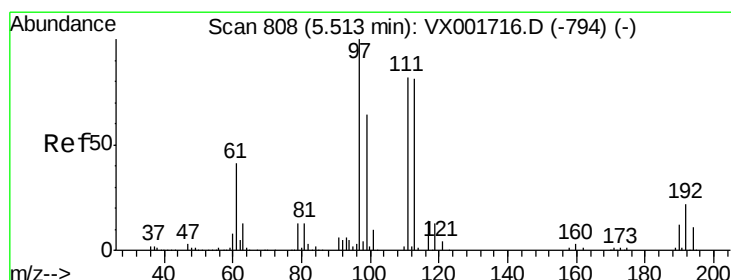
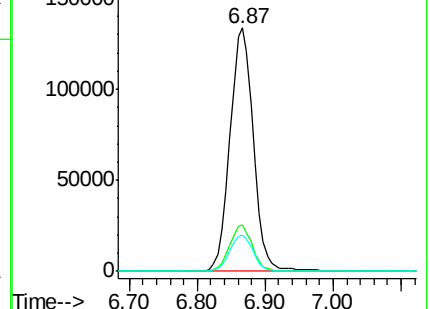
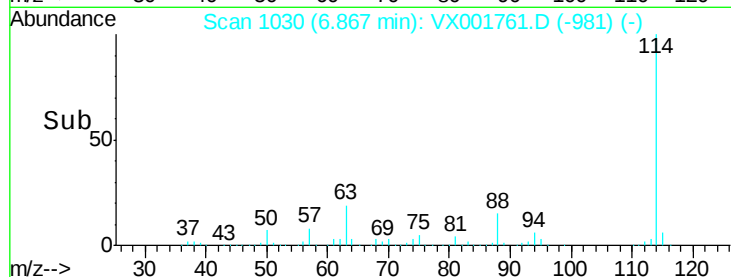
88 14.7 0.0 29.8



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: 45.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001761.D

Acq: 16 May 2018 12:03

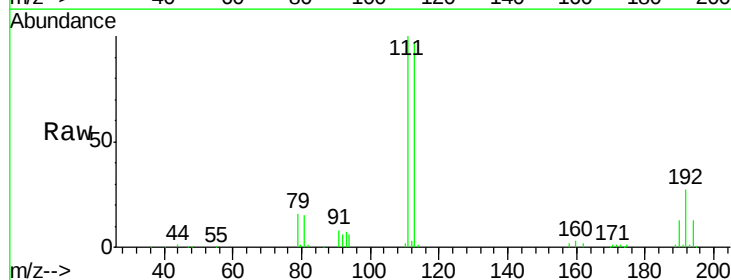
Tgt Ion:113 Resp: 122817

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

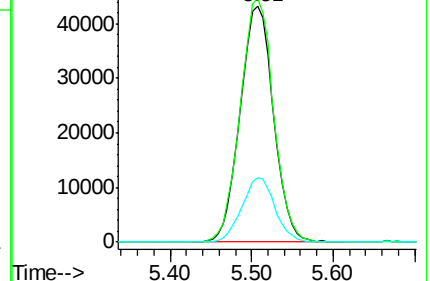
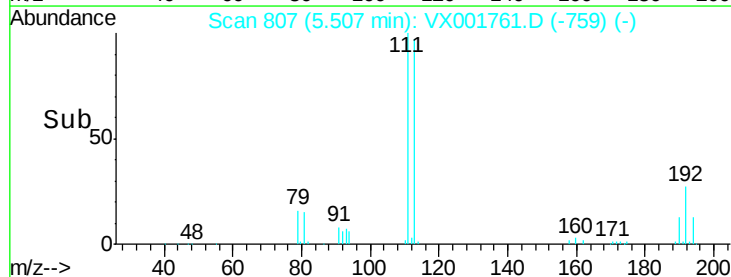
192 27.1 21.6 32.4

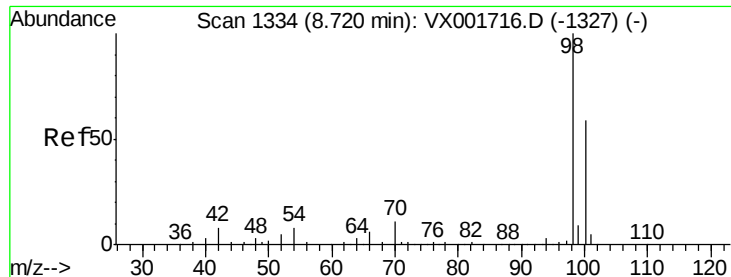


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001761.D

Acq: 16 May 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

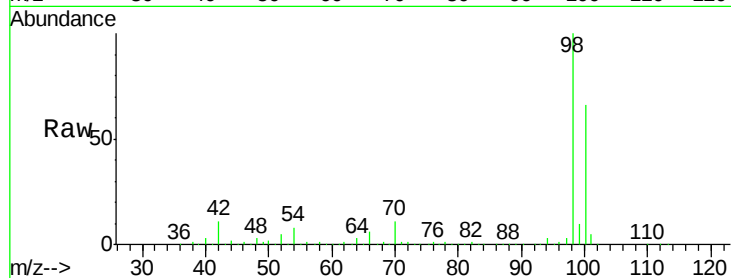
VX0516MBL01

Tot Ion: 98 Resp: 435075

Ion Ratio Lower Upper

98 100

100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

250000

200000

150000

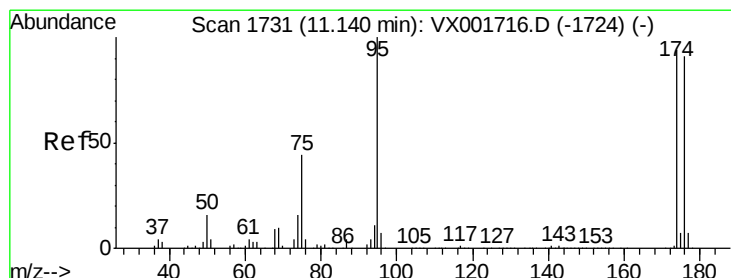
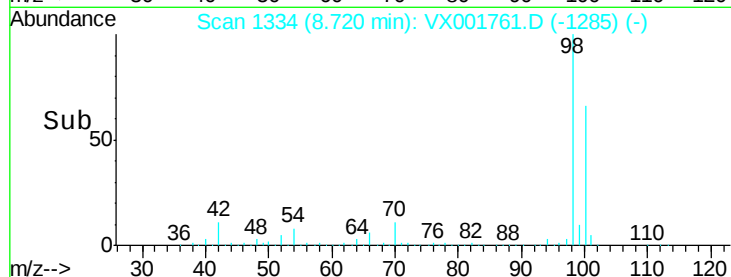
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 33.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001761.D

Acq: 16 May 2018 12:03

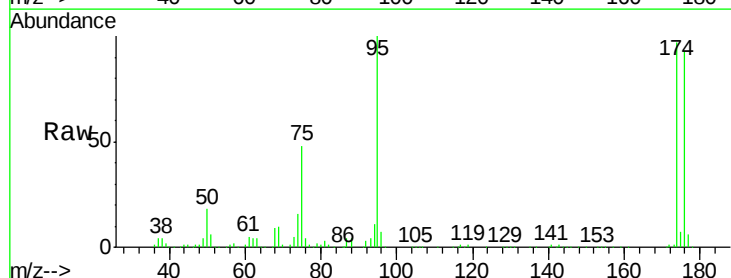
Tgt Ion: 95 Resp: 117953

Ion Ratio Lower Upper

95 100

174 103.1 0.0 201.8

176 99.8 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

120000

100000

80000

60000

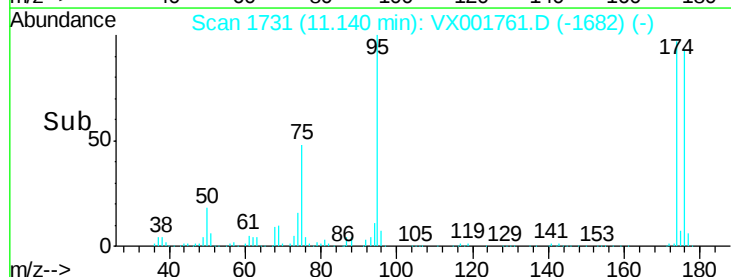
40000

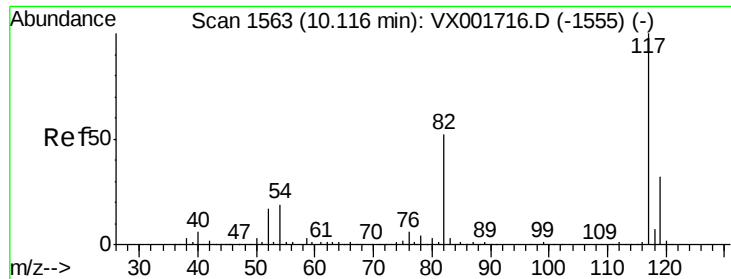
20000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX001761.D

Acq: 16 May 2018 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX0516MBL01

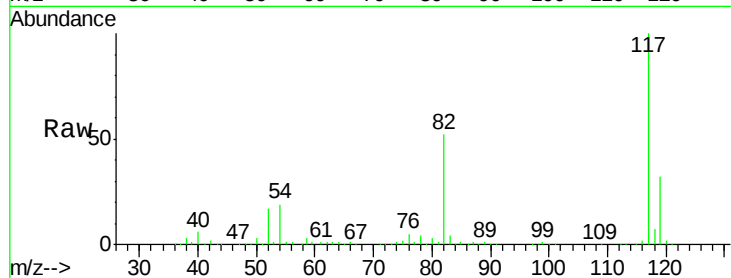
Tot Ion:117 Resp: 253551

Ion Ratio Lower Upper

117 100

82 51.8 41.4 62.2

119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

250000

200000

150000

100000

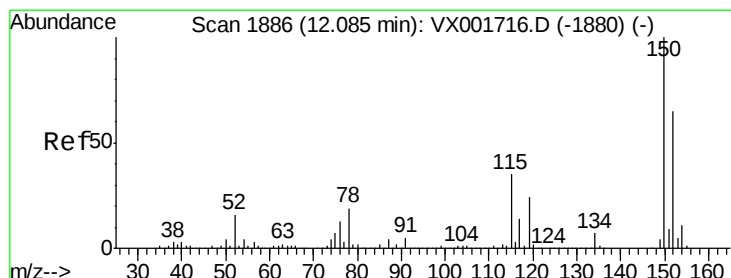
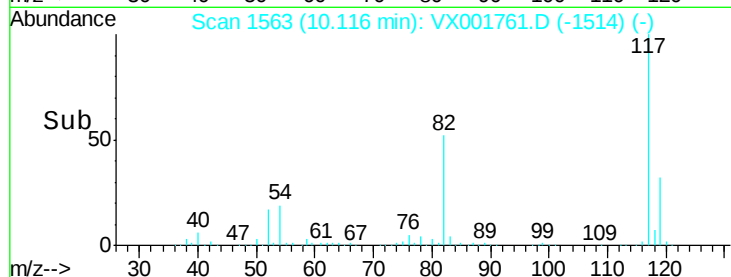
50000

0

10.12

10.00 10.10 10.20 10.30

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001761.D

Acq: 16 May 2018 12:03

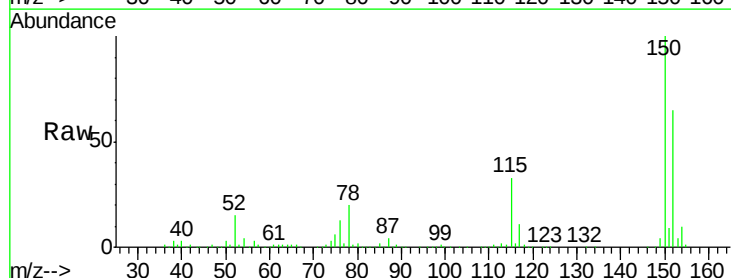
Tgt Ion:152 Resp: 116575

Ion Ratio Lower Upper

152 100

115 52.2 37.4 112.2

150 153.9 0.0 344.8



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

200000

150000

100000

50000

0

12.09

12.00 12.10 12.20

Time-->

