

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001505.D
 Acq On : 08 May 2018 11:10
 Operator : JC/MD
 Sample : VX0508WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBL01

Quant Time: May 08 13:55:48 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	288752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	181113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	231870	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
35) Dibromofluoromethane	5.51	113	181456	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.72	98	666329	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.14	95	216775	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	

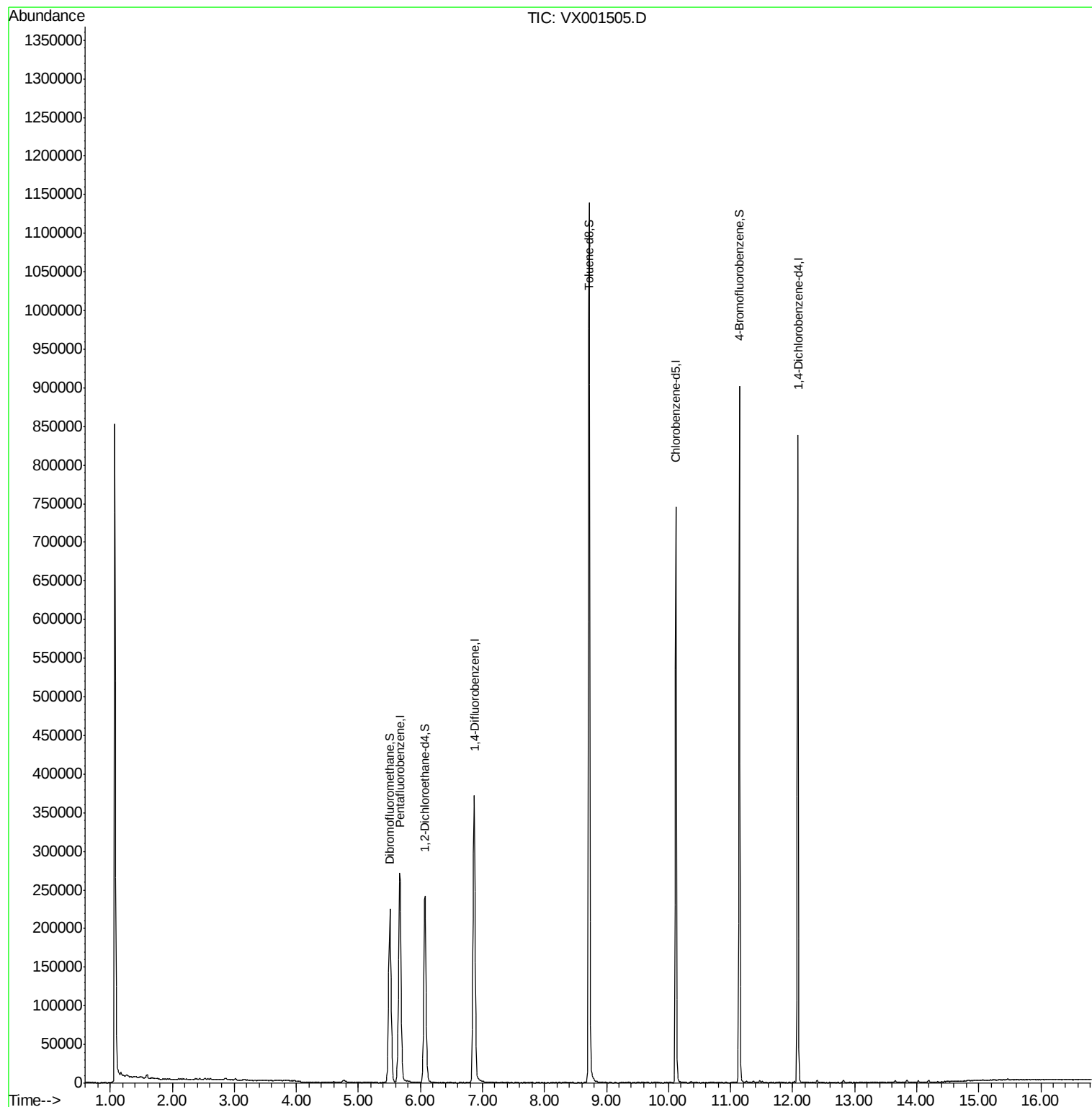
Target Compounds	Qvalue
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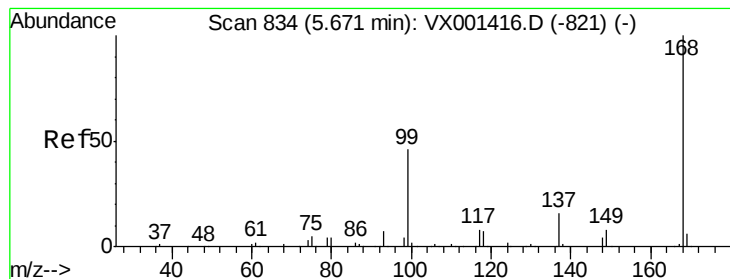
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001505.D

Acq: 08 May 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

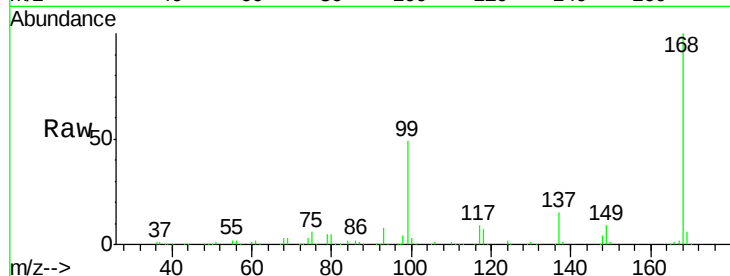
VX0508WBL01

Tot Ion:168 Resp: 288752

Ion Ratio Lower Upper

168 100

99 48.8 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

120000

100000

80000

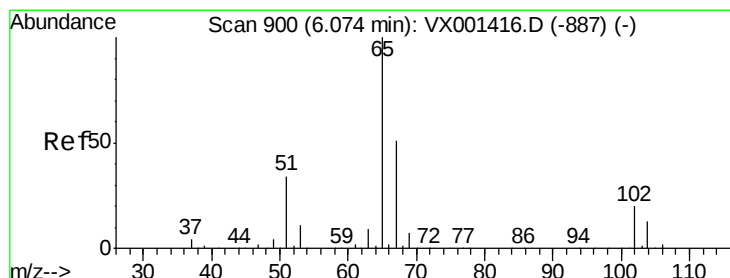
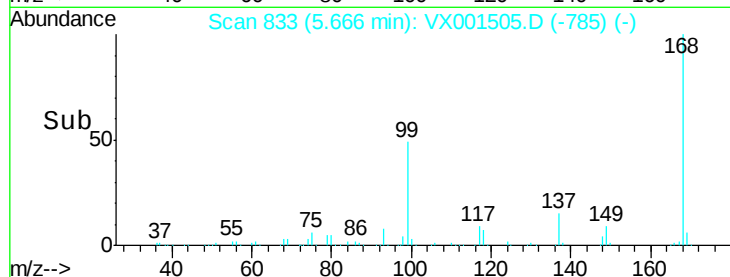
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.87 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001505.D

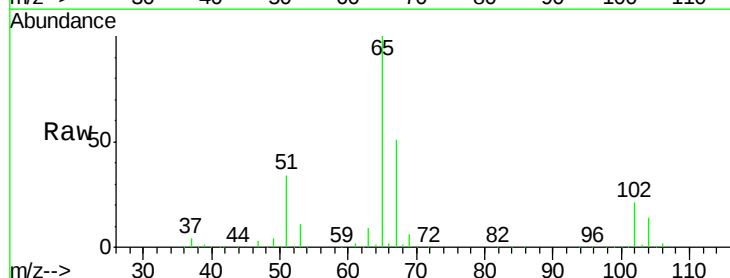
Acq: 08 May 2018 11:10

Tgt Ion: 65 Resp: 231870

Ion Ratio Lower Upper

65 100

67 50.3 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

100000

80000

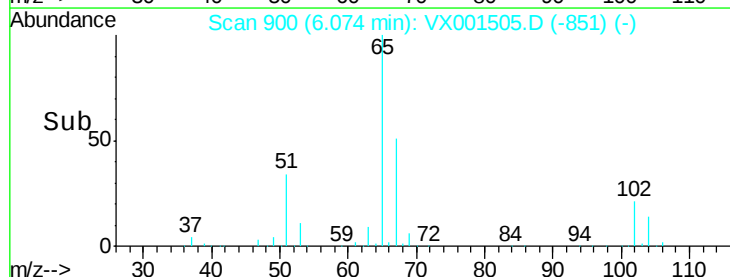
60000

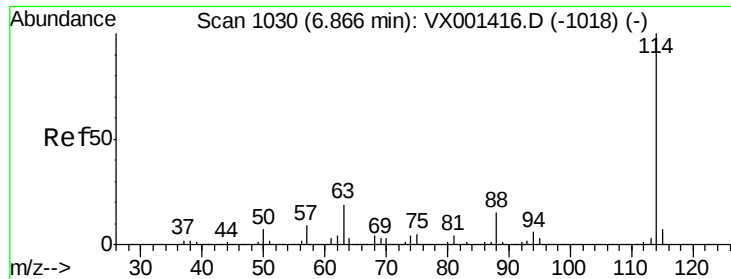
40000

20000

0

Time-->

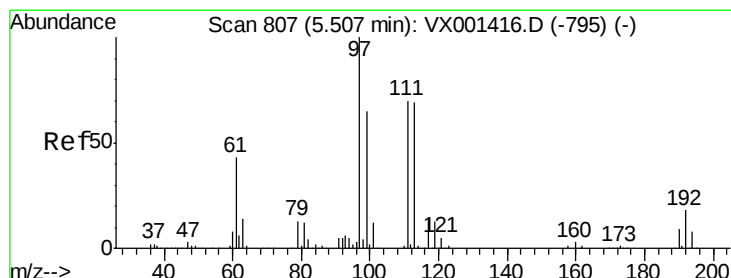
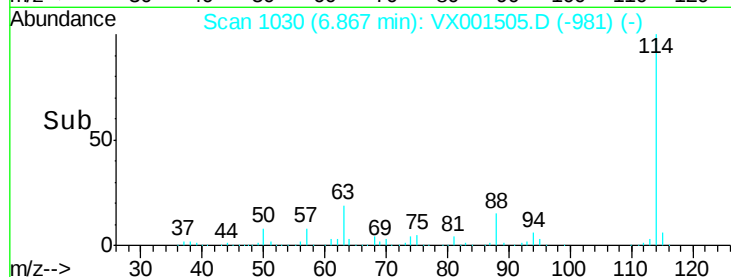
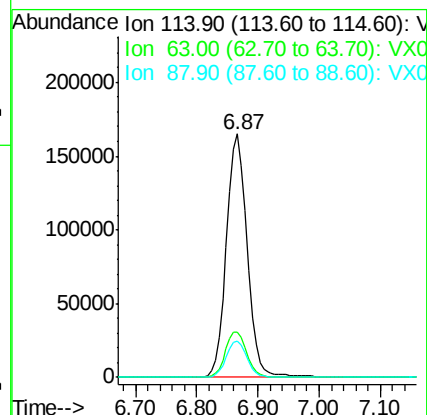
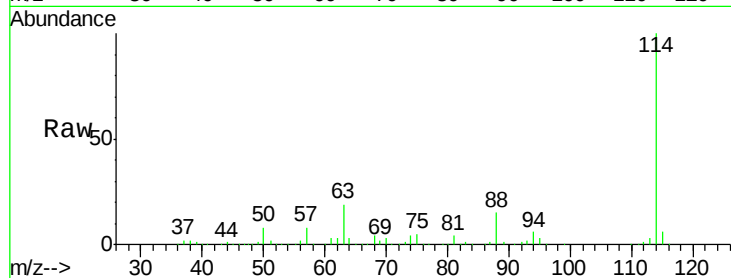




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001505.D
Acq: 08 May 2018 11:10

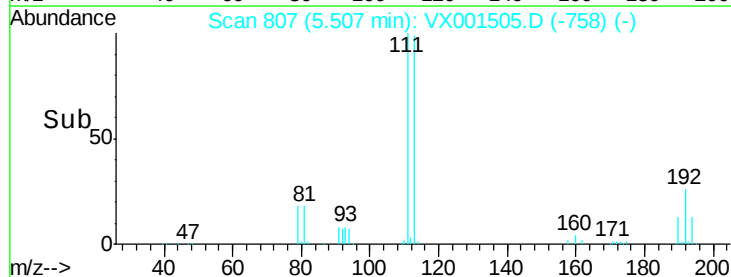
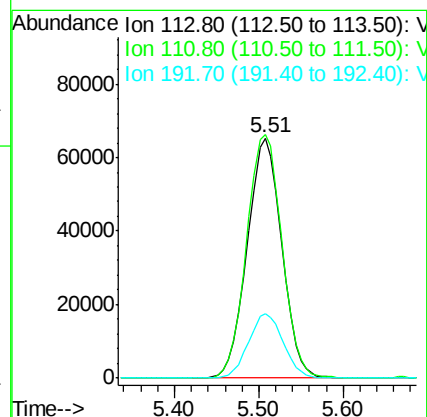
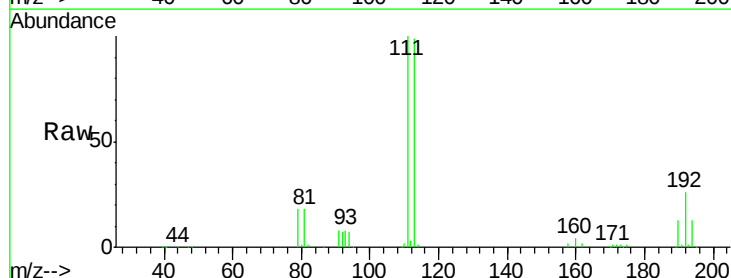
Instrument :
MSVOA_X
ClientSampleId :
VX0508WBL01

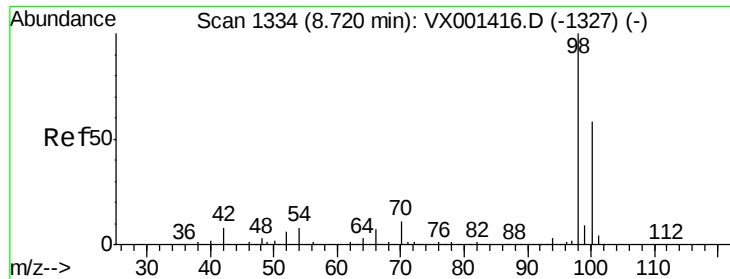
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.6
88	14.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.41 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001505.D
Acq: 08 May 2018 11:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.2
192	27.0	21.4	32.0





#50

Toluene-d8

Concen: 52.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001505.D

Acq: 08 May 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

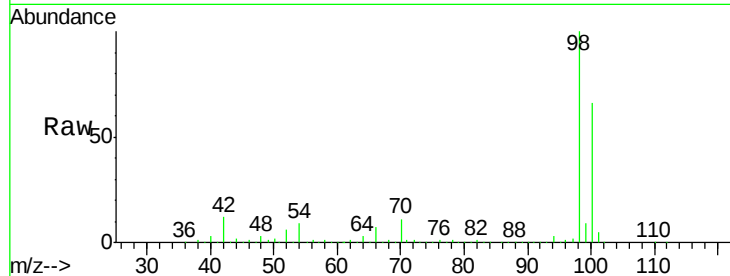
VX0508WBL01

Tot Ion: 98 Resp: 666329

Ion Ratio Lower Upper

98 100

100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

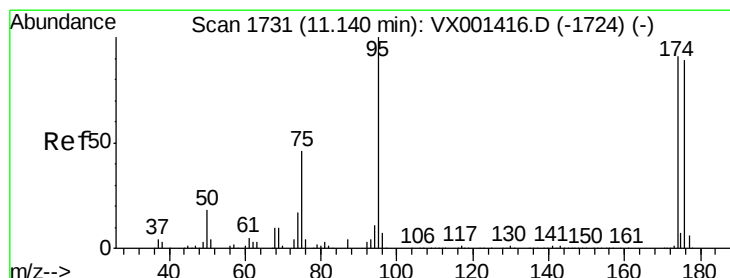
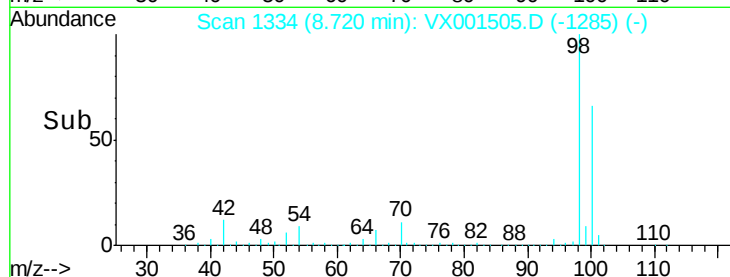
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001505.D

Acq: 08 May 2018 11:10

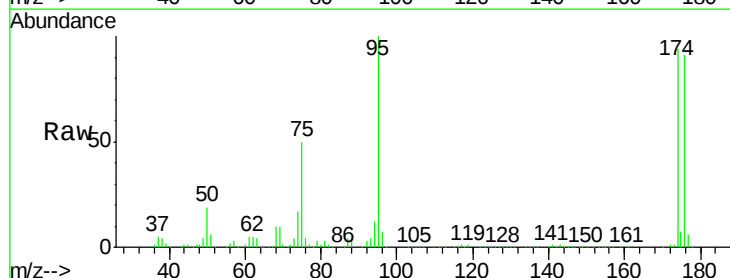
Tgt Ion: 95 Resp: 216775

Ion Ratio Lower Upper

95 100

174 100.9 0.0 202.0

176 97.7 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

11.14

200000

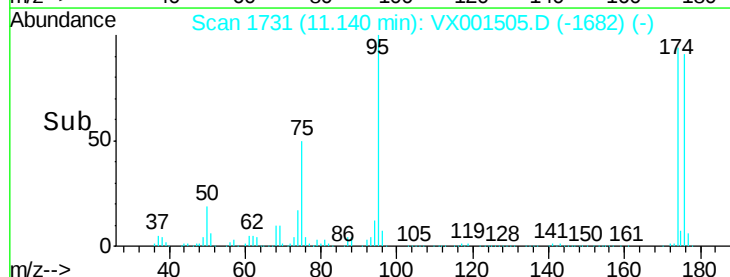
150000

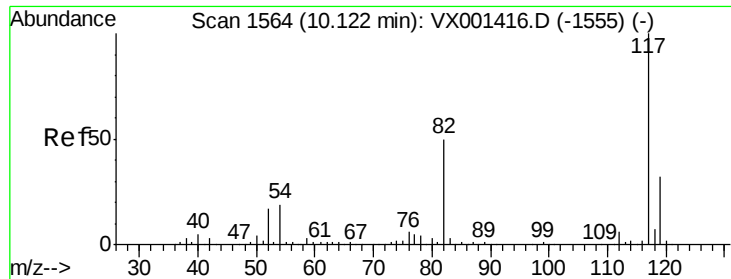
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001505.D

Acq: 08 May 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBL01

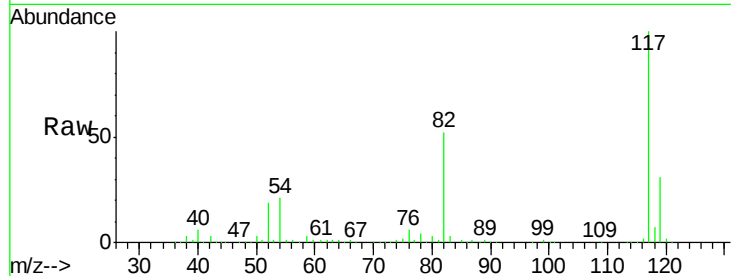
Tot Ion:117 Resp: 335286

Ion Ratio Lower Upper

117 100

82 52.0 40.0 60.0

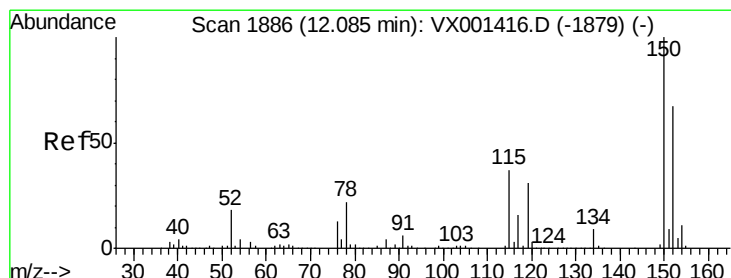
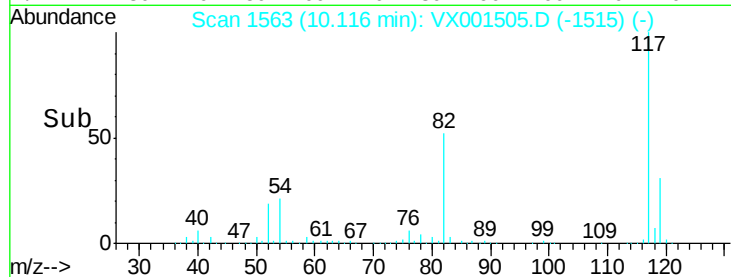
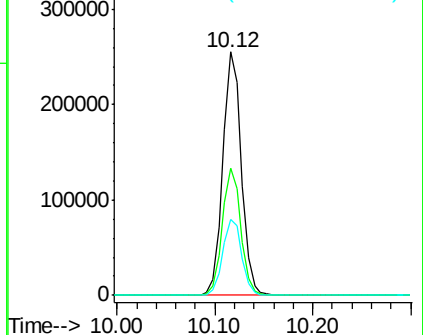
119 31.4 25.8 38.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001505.D

Acq: 08 May 2018 11:10

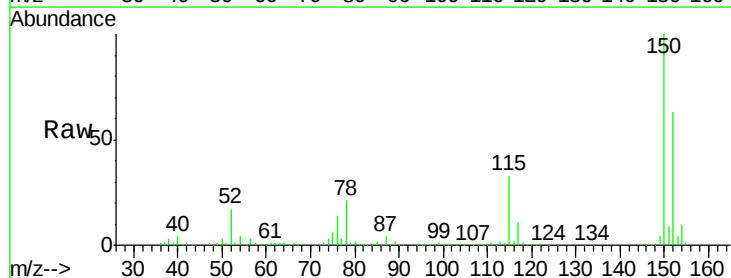
Tgt Ion:152 Resp: 181113

Ion Ratio Lower Upper

152 100

115 53.2 37.7 113.1

150 157.4 0.0 349.4



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

