

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002016.D
 Acq On : 26 May 2018 13:35
 Operator : JC/MD
 Sample : VX0526WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBL01

Quant Time: May 28 01:17:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	283475	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	5.51	113	221335	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.72	98	843342	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.14	95	289011	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

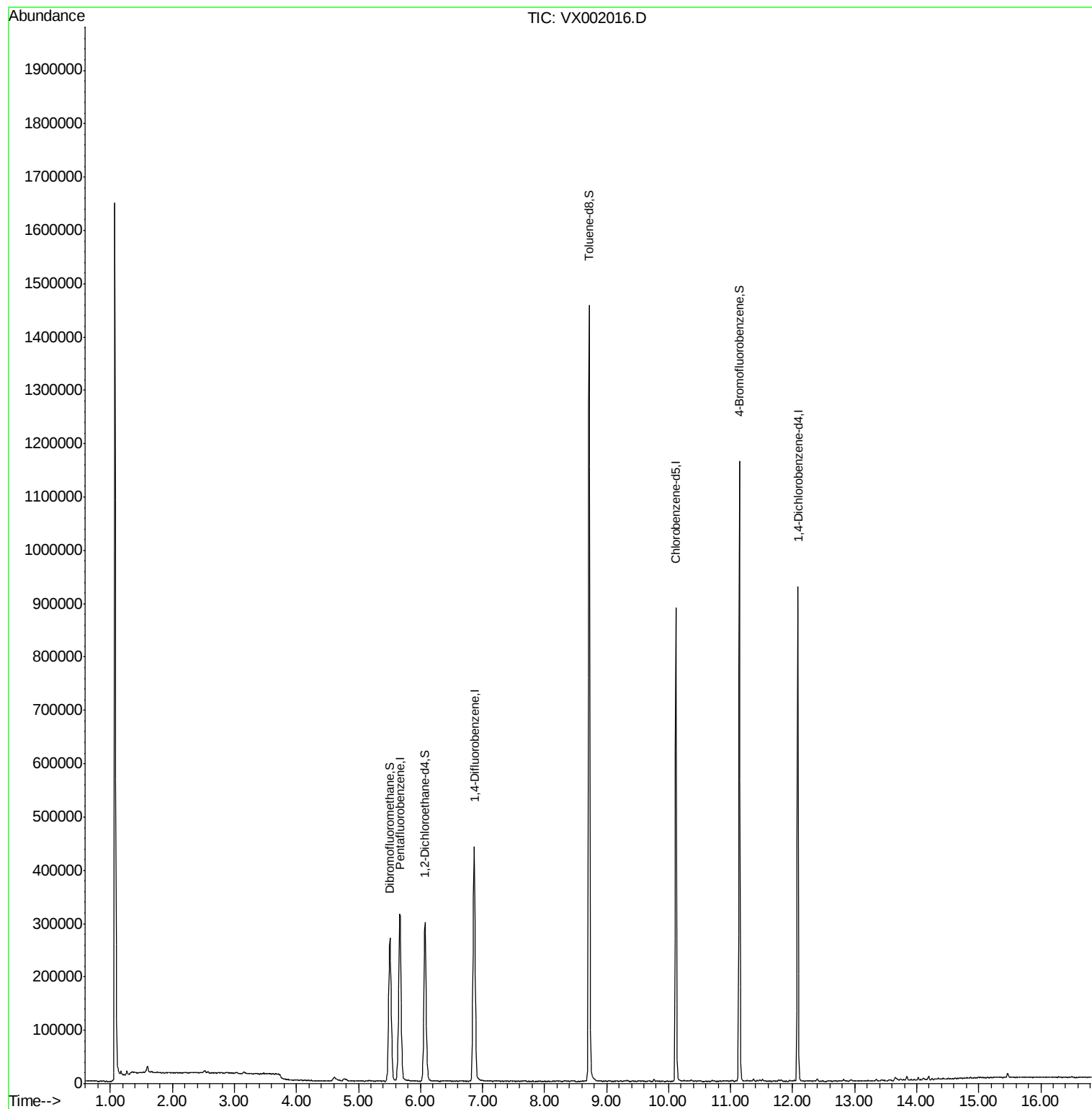
Target Compounds	Qvalue

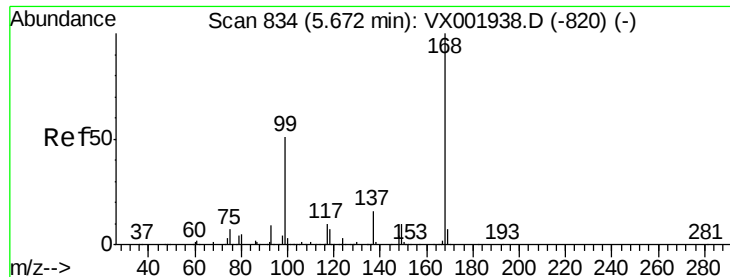
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002016.D

Acq: 26 May 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

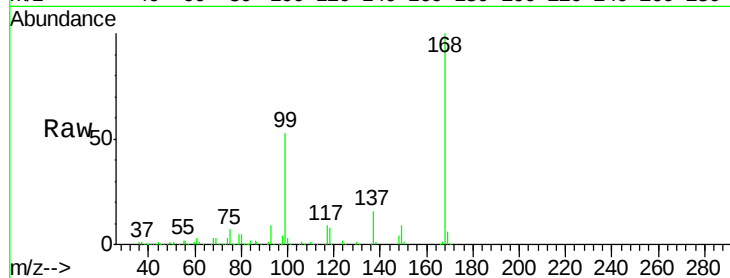
VX0526WBL01

Tot Ion:168 Resp: 317975

Ion Ratio Lower Upper

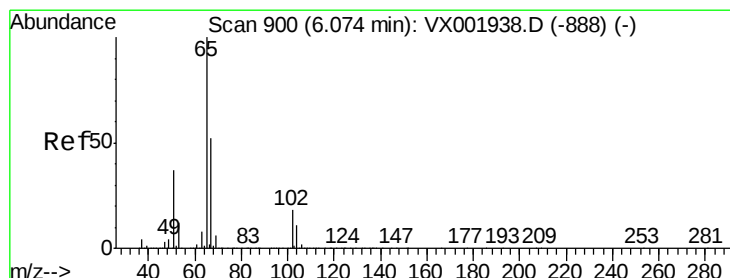
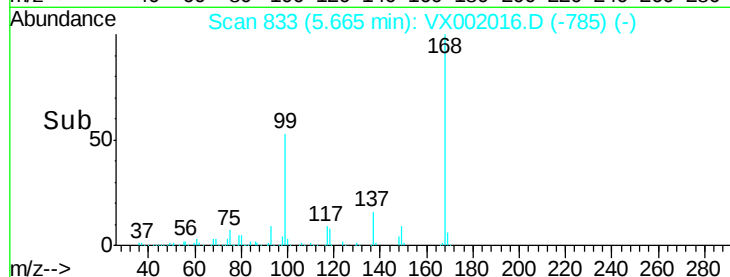
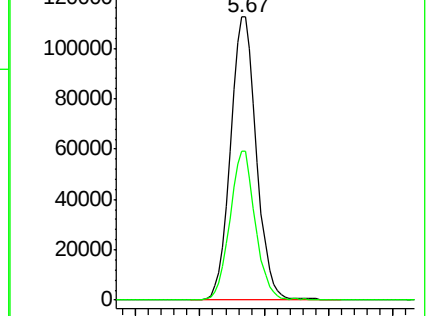
168 100

99 52.5 41.0 61.4



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: 49.87 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002016.D

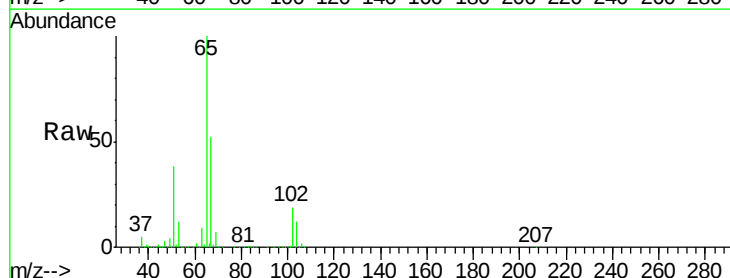
Acq: 26 May 2018 13:35

Tgt Ion: 65 Resp: 283475

Ion Ratio Lower Upper

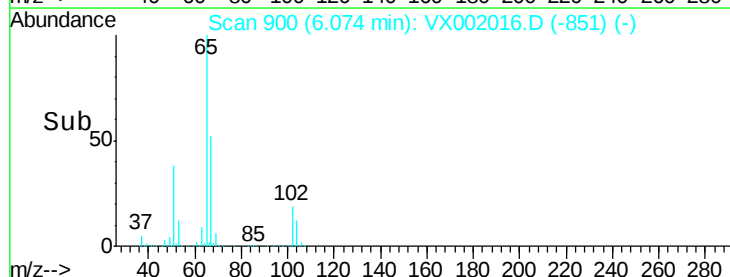
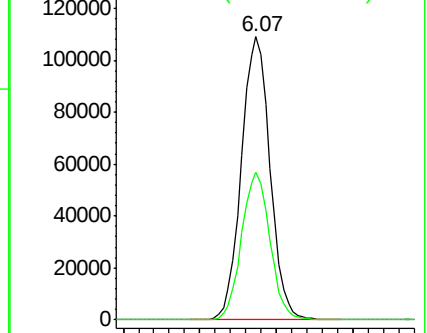
65 100

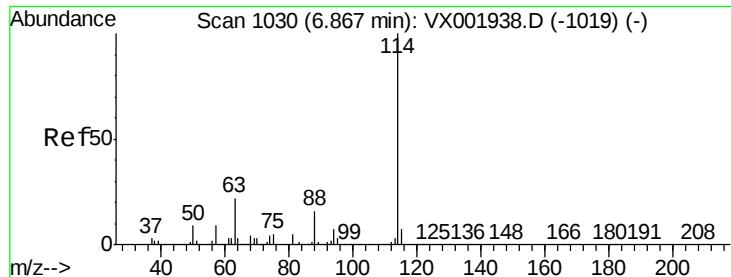
67 51.5 0.0 104.0



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: VX002016.D

Acq: 26 May 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBL01

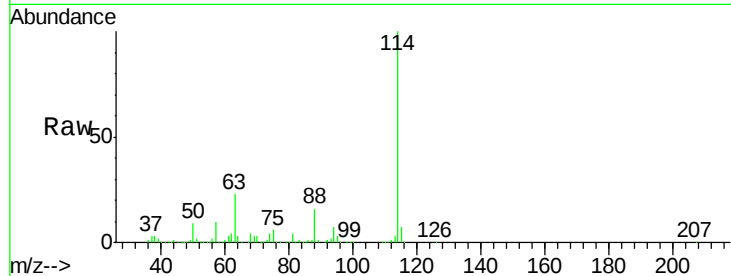
Tot Ion:114 Resp: 441571

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

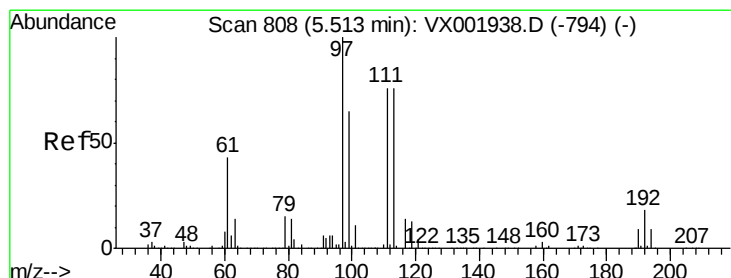
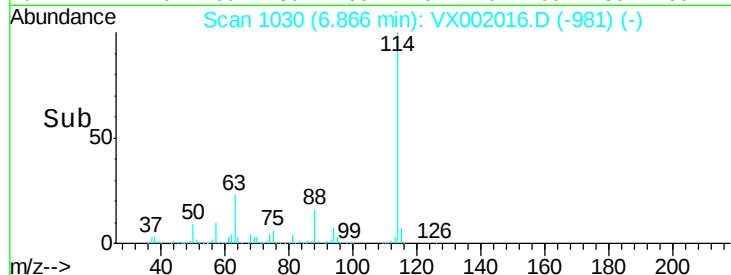
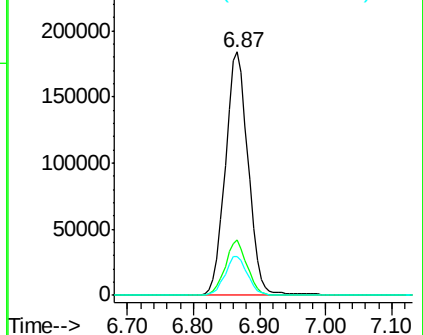
88 15.9 0.0 31.6



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: 50.12 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002016.D

Acq: 26 May 2018 13:35

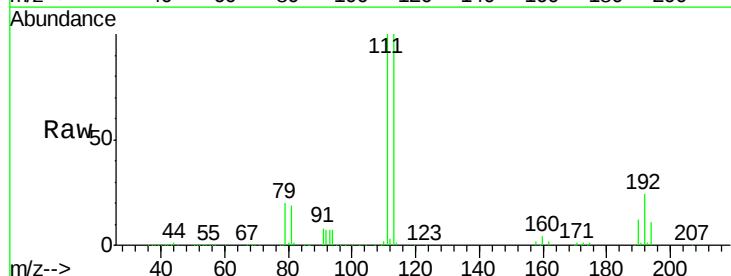
Tgt Ion:113 Resp: 221335

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

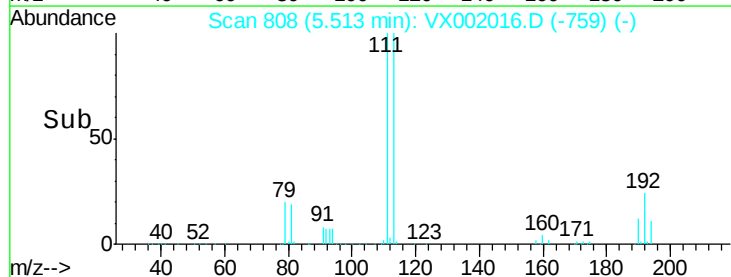
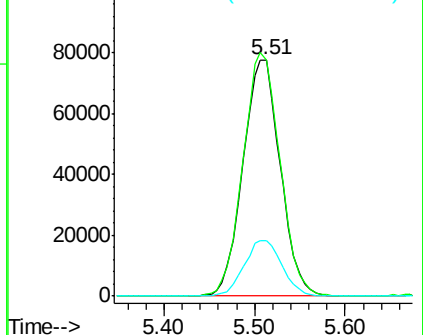
192 24.0 18.9 28.3

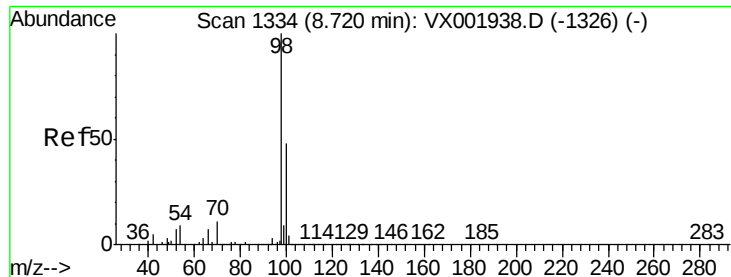


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.75 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002016.D

Acq: 26 May 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

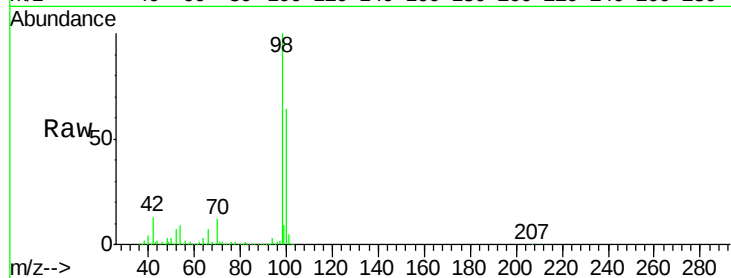
VX0526WBL01

Tot Ion: 98 Resp: 843342

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

600000

500000

400000

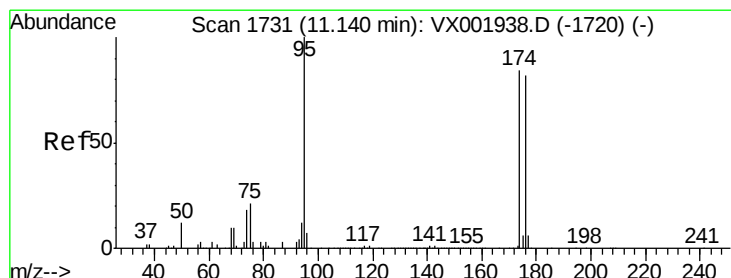
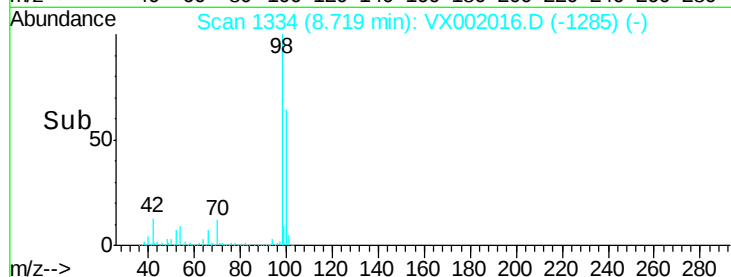
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 46.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002016.D

Acq: 26 May 2018 13:35

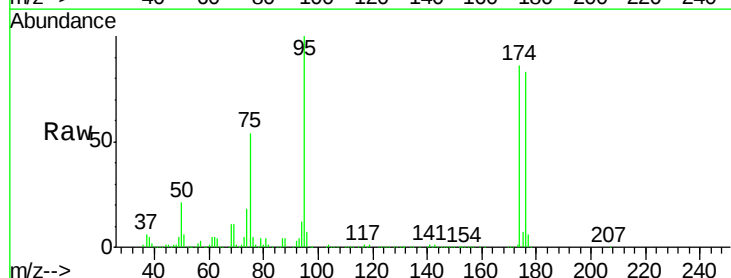
Tgt Ion: 95 Resp: 289011

Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.8

176 88.1 0.0 175.6



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

300000

250000

200000

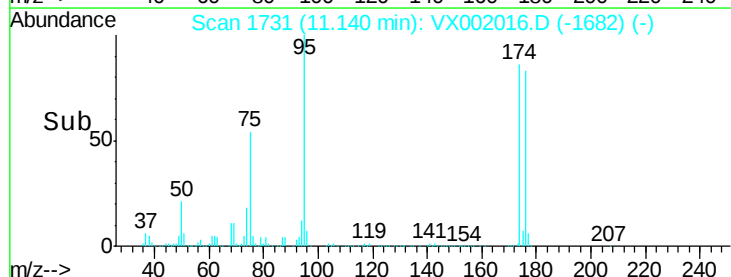
150000

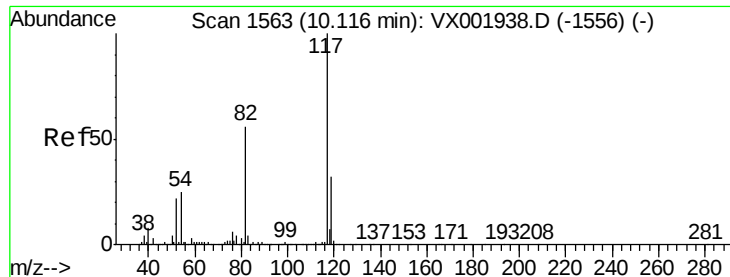
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002016.D

Acq: 26 May 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBL01

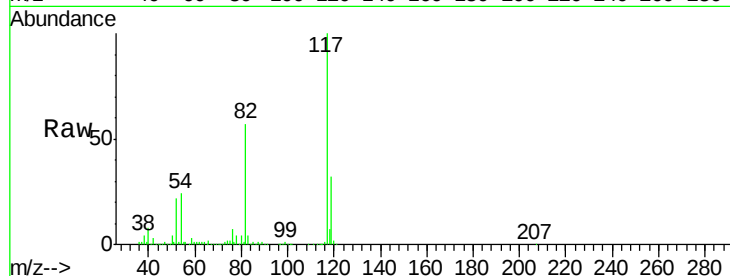
Tot Ion:117 Resp: 381002

Ion Ratio Lower Upper

117 100

82 56.9 44.8 67.2

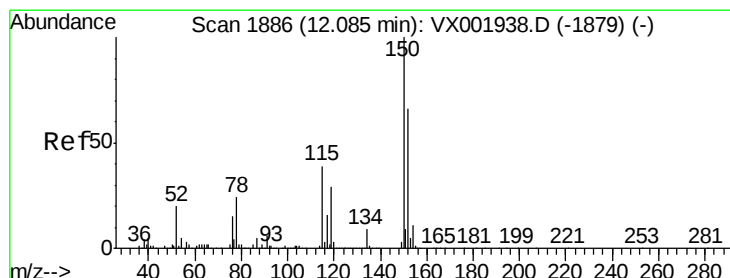
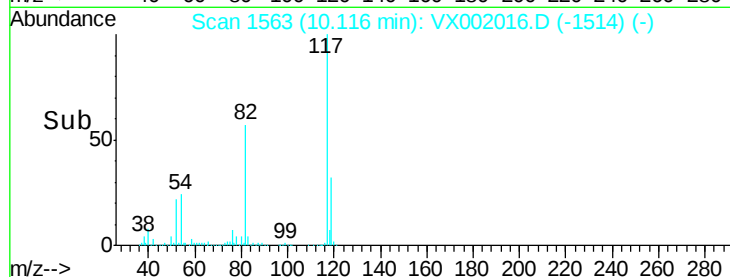
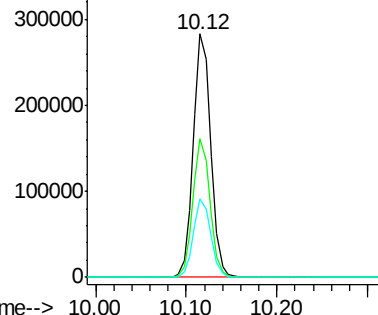
119 32.2 25.5 38.3



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: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002016.D

Acq: 26 May 2018 13:35

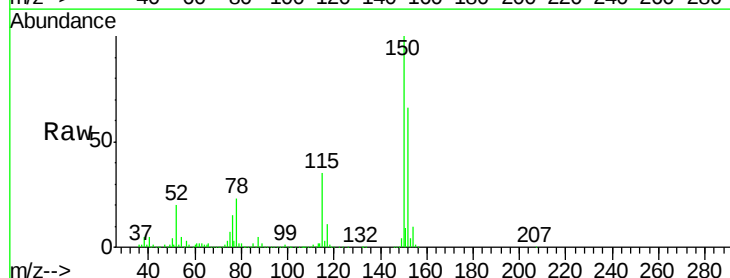
Tgt Ion:152 Resp: 194201

Ion Ratio Lower Upper

152 100

115 54.4 42.3 126.8

150 154.4 0.0 351.0



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

