

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001676.D
 Acq On : 12 May 2018 19:22
 Operator : JC/MD
 Sample : J2885-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB01-180508

Quant Time: May 14 13:51:07 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	261836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162068	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	209697	55.72	ug/l	0.00
Spiked Amount			Recovery	=	111.44%	
35) Dibromofluoromethane	5.51	113	169644	53.96	ug/l	0.00
Spiked Amount			Recovery	=	107.92%	
50) Toluene-d8	8.72	98	592931	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.14	95	187584	42.58	ug/l	0.00
Spiked Amount			Recovery	=	85.16%	

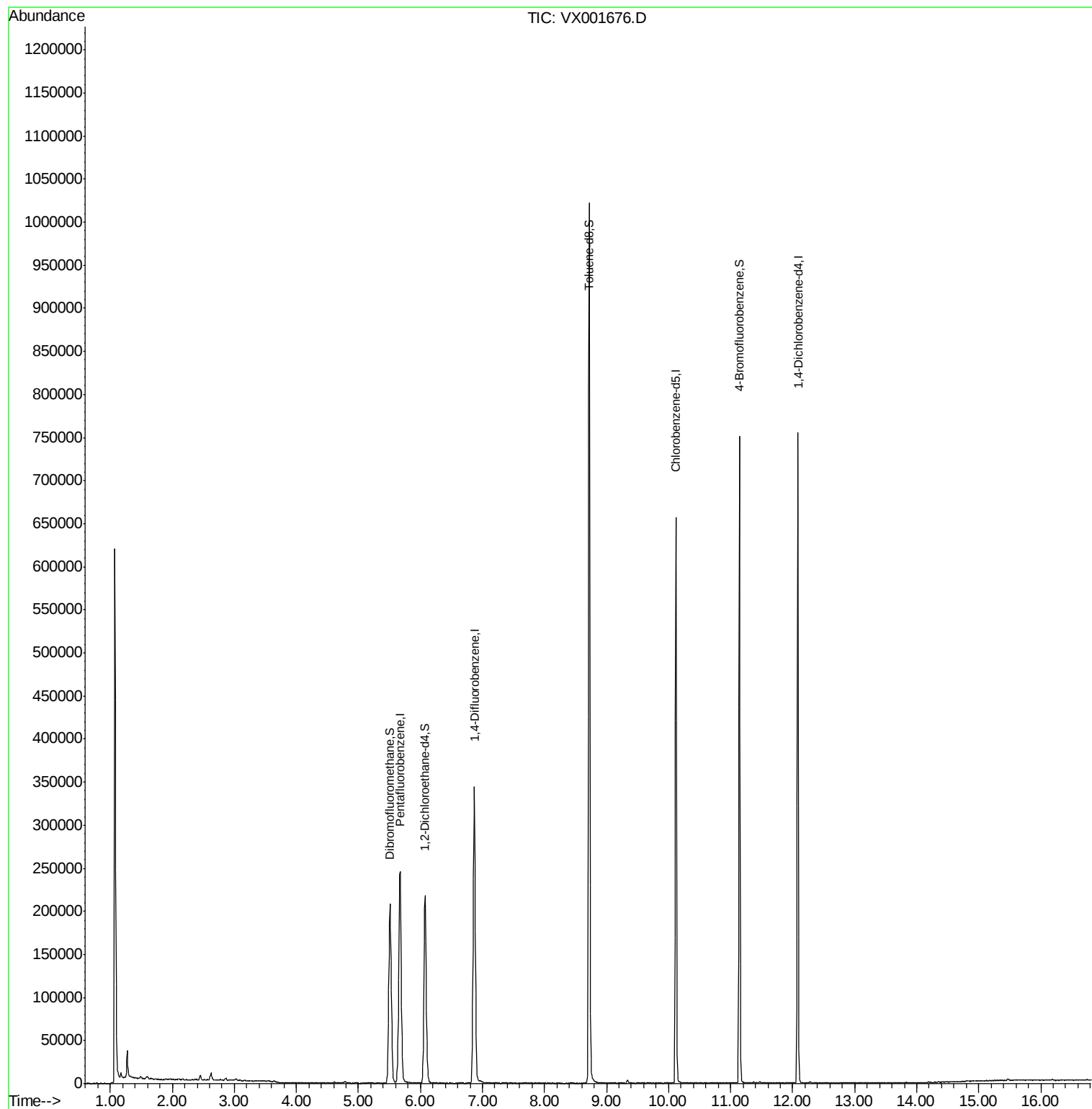
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001676.D

Acq: 12 May 2018 19:22

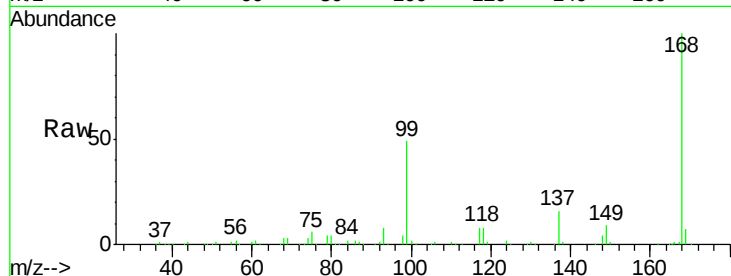
Instrument :
MSVOA_X
ClientSampleId :
Z4TB01-180508

Tot Ion:168 Resp: 261836

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

100000

80000

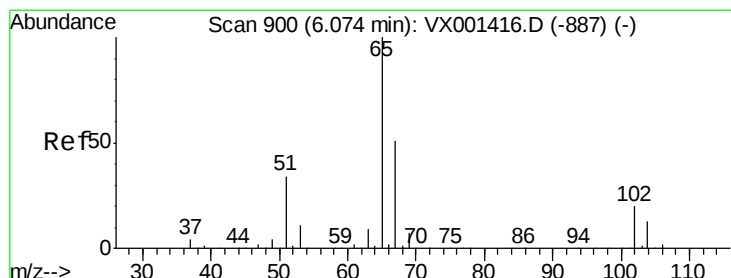
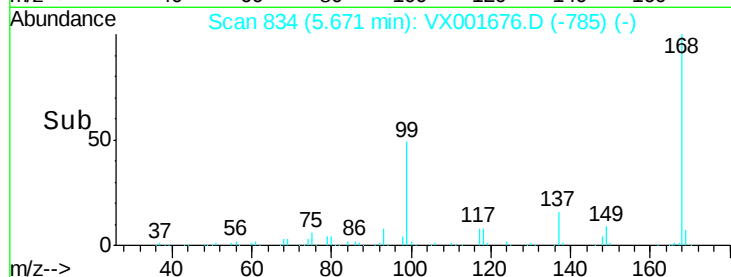
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001676.D

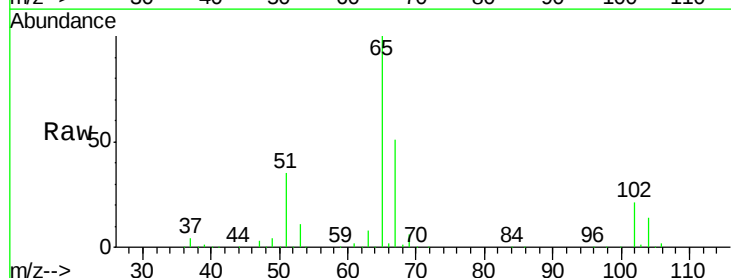
Acq: 12 May 2018 19:22

Tgt Ion: 65 Resp: 209697

Ion Ratio Lower Upper

65 100

67 50.6 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

80000

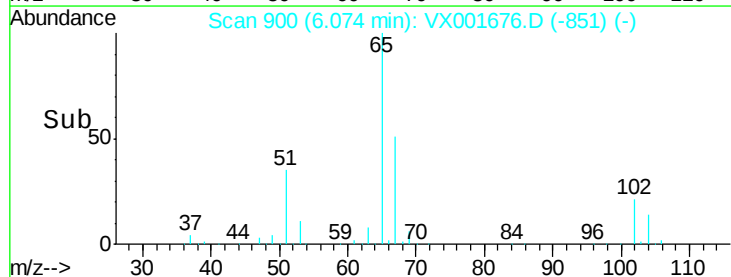
60000

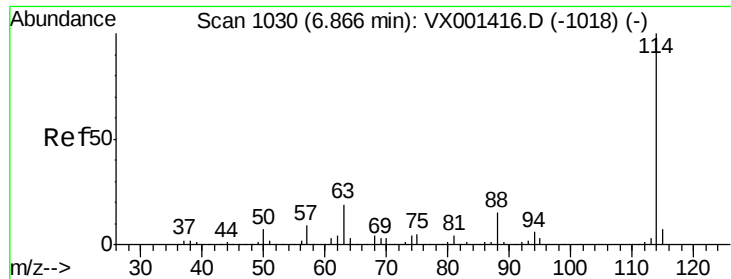
40000

20000

0

Time--> 6.00 6.10 6.20

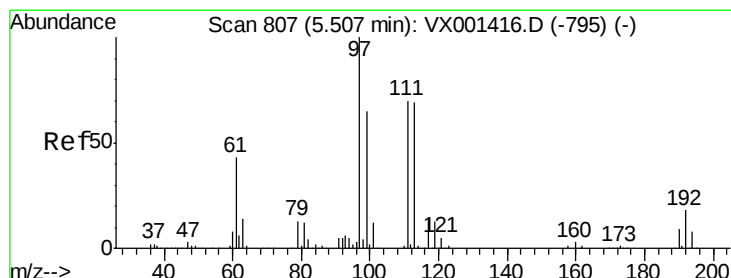
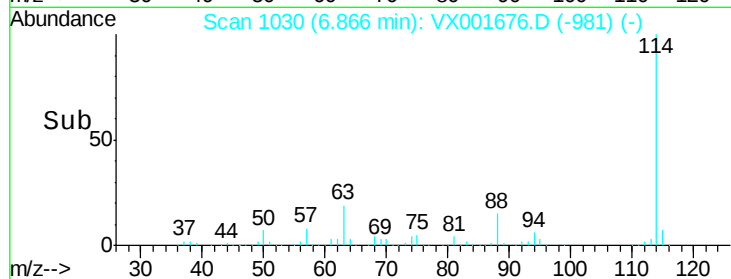
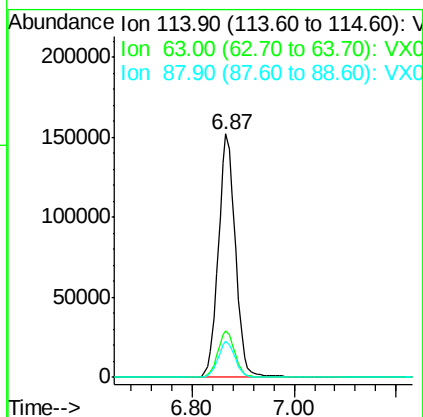
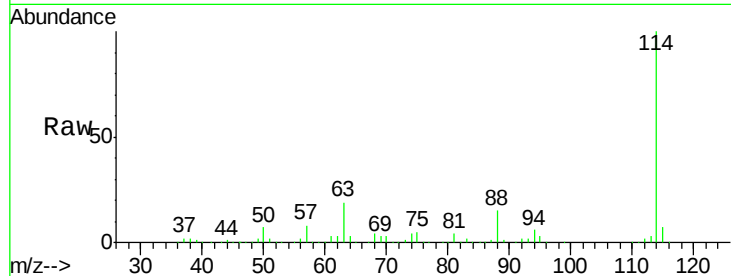




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

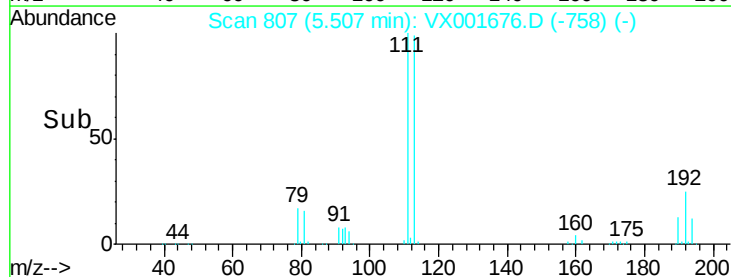
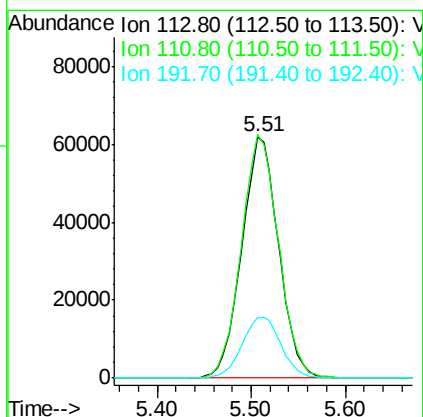
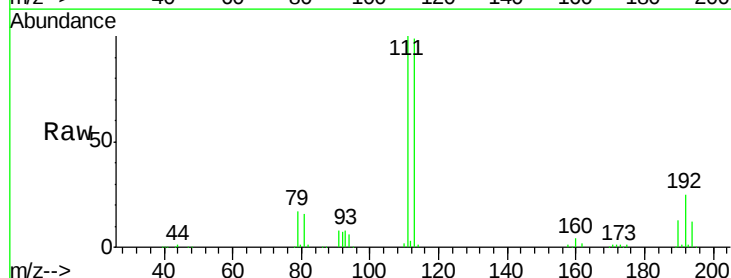
Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB01-180508

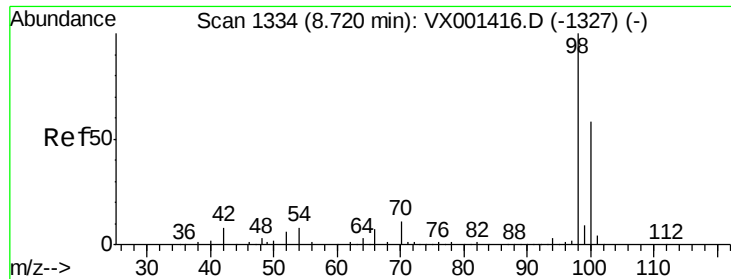
Tot Ion:114 Resp: 353442
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.0 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 53.96 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Tgt Ion:113 Resp: 169644
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 26.8 21.4 32.0





#50

Toluene-d8

Concen: 51.67 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001676.D

Acq: 12 May 2018 19:22

Instrument :

MSVOA_X

ClientSampleId :

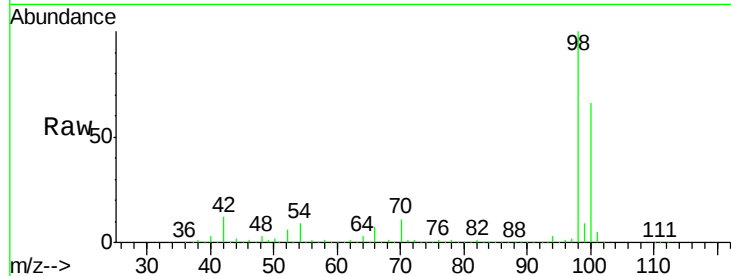
Z4TB01-180508

Tot Ion: 98 Resp: 592931

Ion Ratio Lower Upper

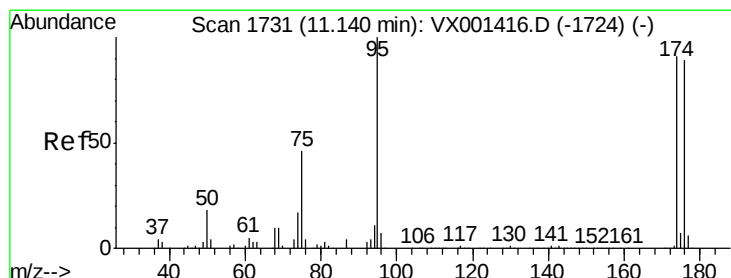
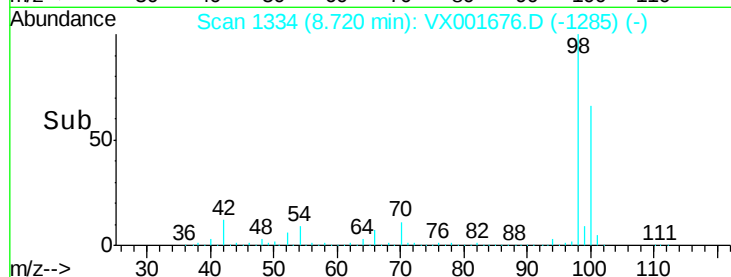
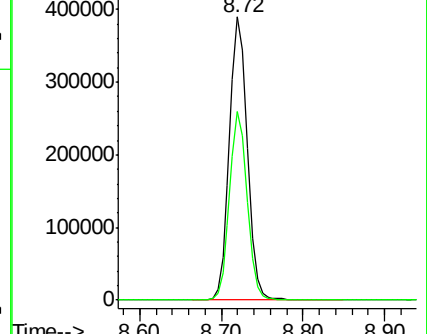
98 100

100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001676.D

Acq: 12 May 2018 19:22

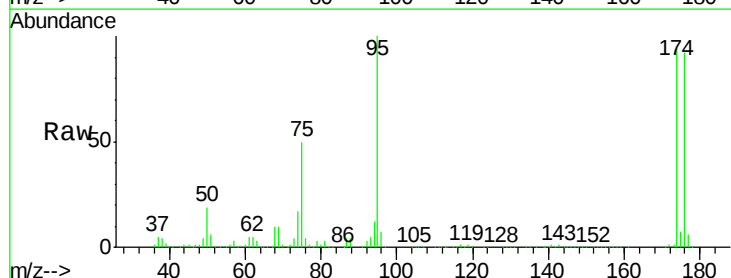
Tgt Ion: 95 Resp: 187584

Ion Ratio Lower Upper

95 100

174 101.8 0.0 202.0

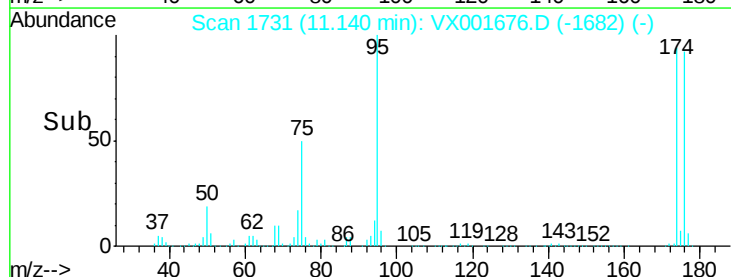
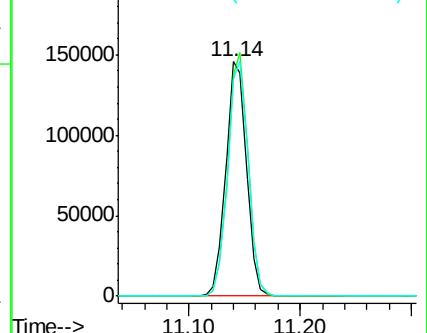
176 98.9 0.0 197.4

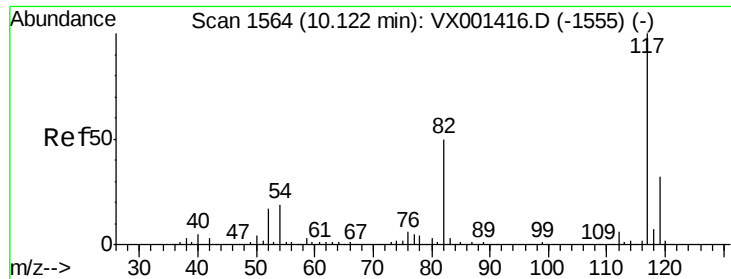


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

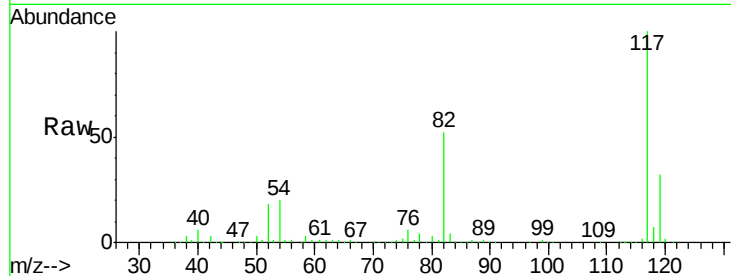




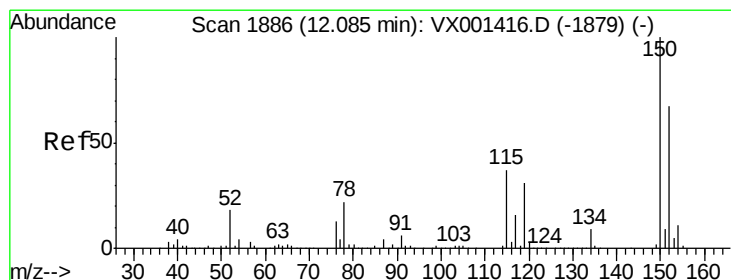
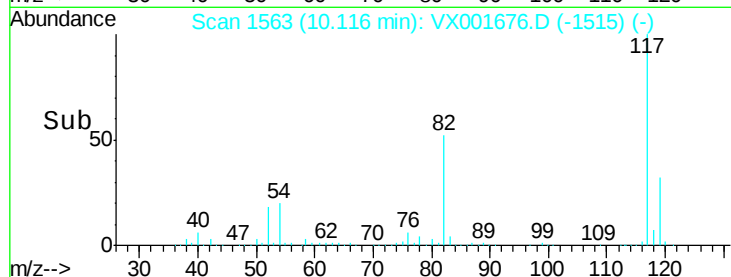
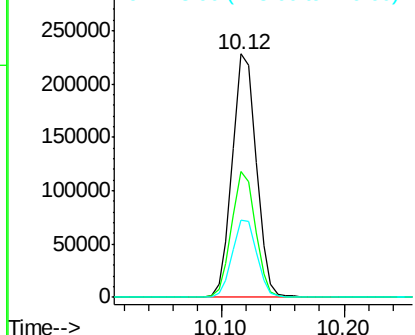
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB01-180508

Tot Ion:117 Resp: 309732
 Ion Ratio Lower Upper
 117 100
 82 51.8 40.0 60.0
 119 31.5 25.8 38.8

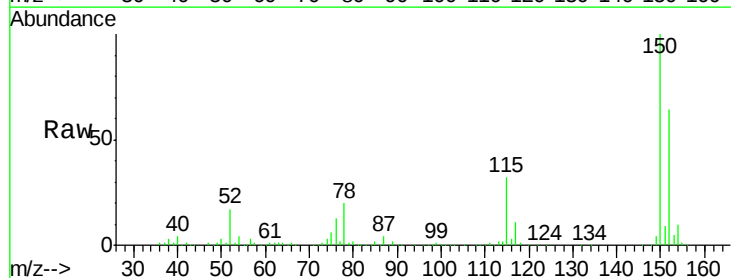


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001676.D
 Acq: 12 May 2018 19:22

Tgt Ion:152 Resp: 162068
 Ion Ratio Lower Upper
 152 100
 115 52.8 37.7 113.1
 150 157.8 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

