

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001654.D
 Acq On : 11 May 2018 21:55
 Operator : JC/MD
 Sample : J2741-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-16-180502

Quant Time: May 12 07:26:00 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

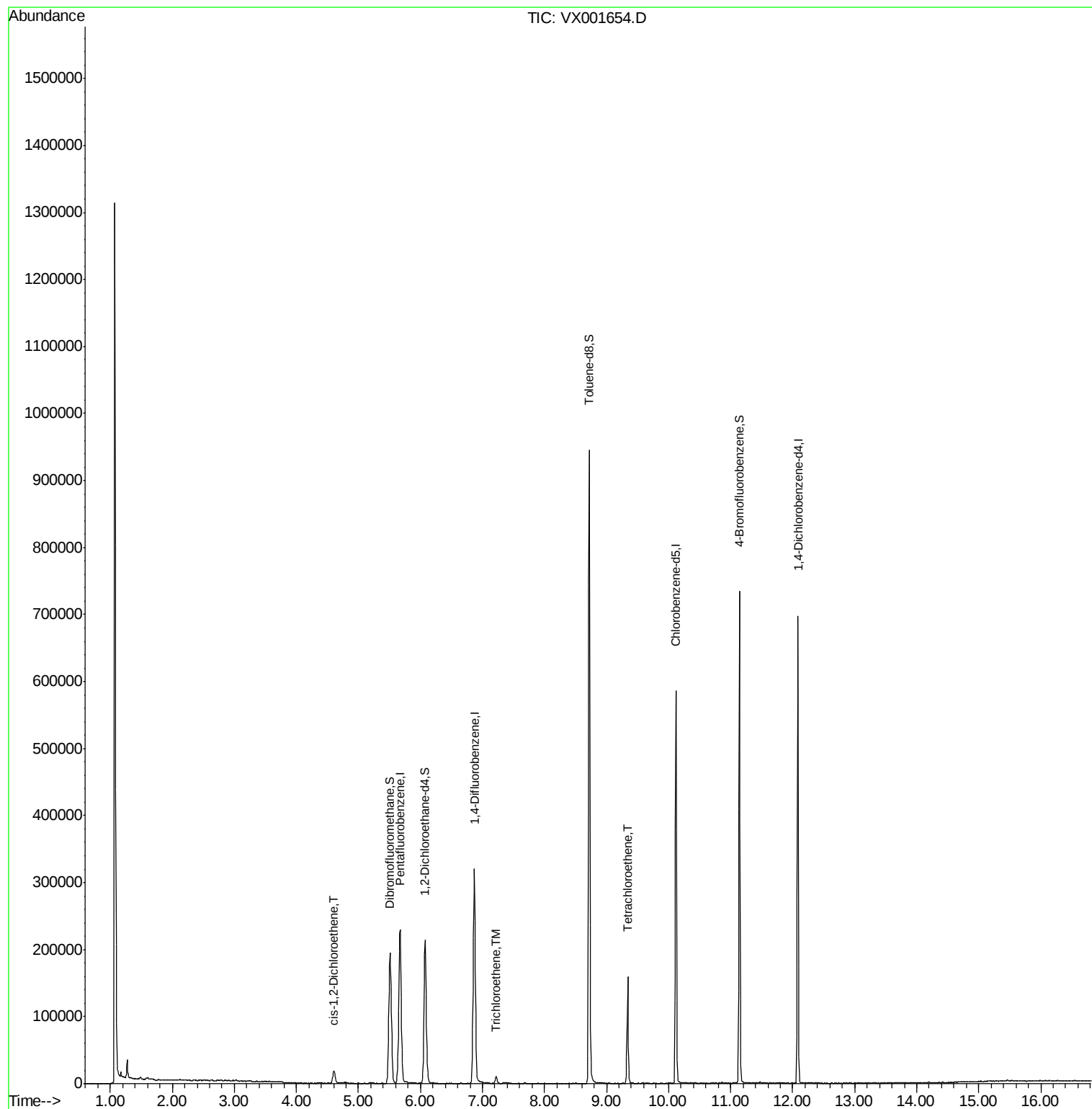
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	203955	58.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.46%	
35) Dibromofluoromethane	5.51	113	159777	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
50) Toluene-d8	8.72	98	558101	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	11.14	95	178139	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	11673	3.67	ug/l	93
44) Trichloroethene	7.22	130	4091	1.10	ug/l	97
64) Tetrachloroethene	9.34	164	34311	8.64	ug/l	98

(#) = 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: VX001654.D

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Instrument :

MSVOA_X

ClientSampleId :

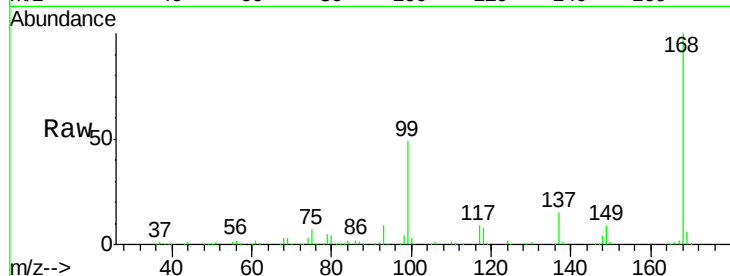
M-16-180502

Tot Ion:168 Resp: 241601

Ion Ratio Lower Upper

168 100

99 48.5 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

80000

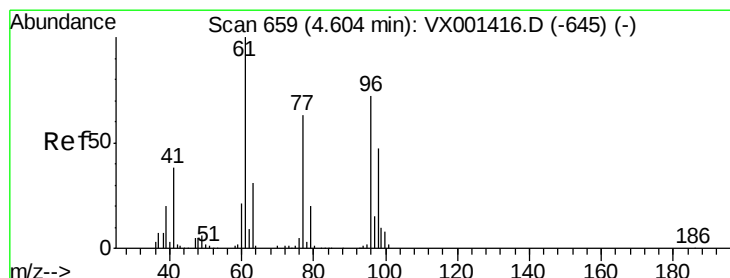
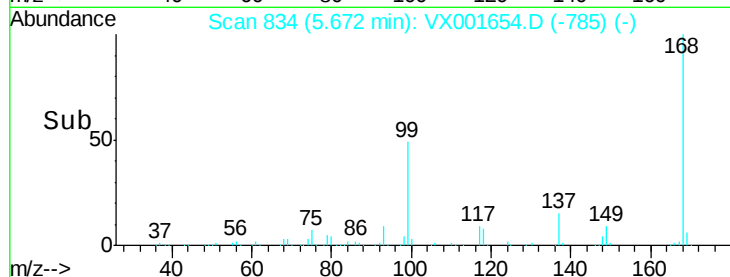
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 3.67 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001654.D

Acq: 11 May 2018 21:55

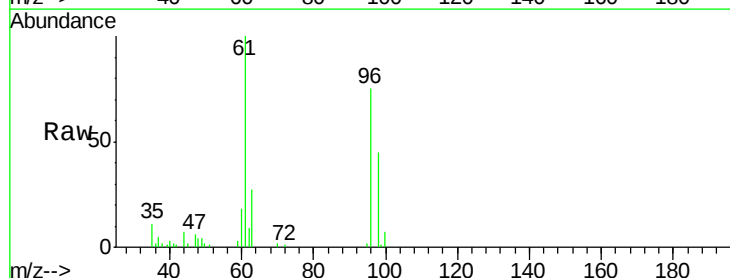
Tgt Ion: 96 Resp: 11673

Ion Ratio Lower Upper

96 100

61 141.2 0.0 301.6

98 60.4 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

8000

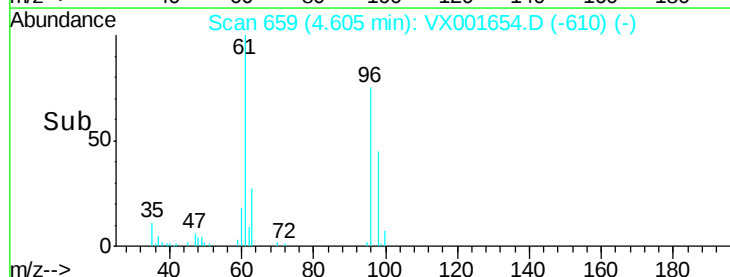
6000

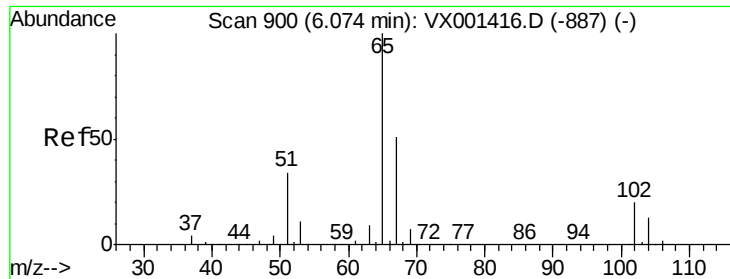
4000

2000

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 58.73 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001654.D

Acq: 11 May 2018 21:55

Instrument :

MSVOA_X

ClientSampleId :

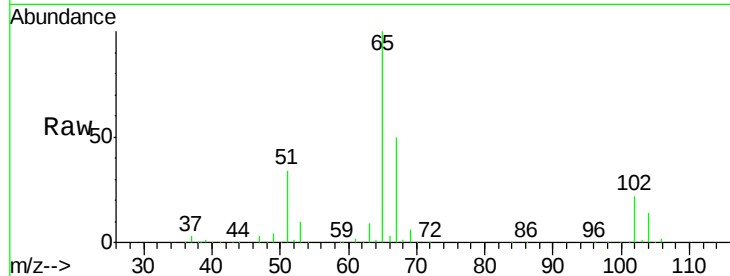
M-16-180502

Tot Ion: 65 Resp: 203955

Ion Ratio Lower Upper

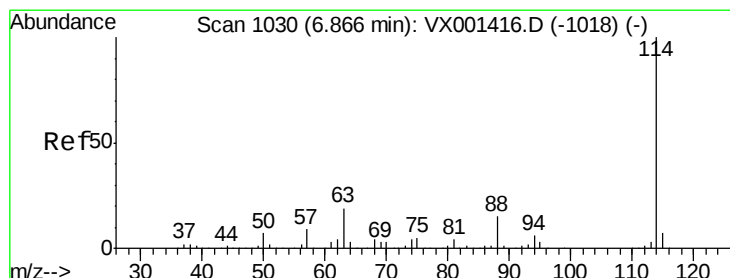
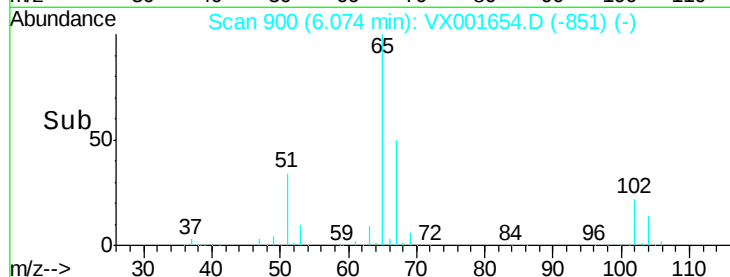
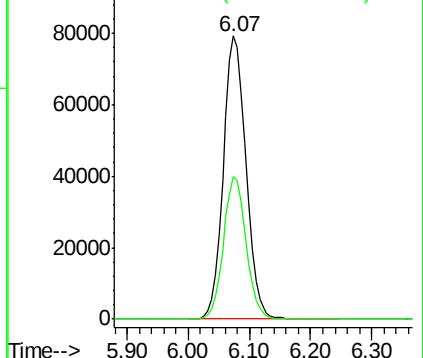
65 100

67 50.1 0.0 101.8



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: VX001654.D

Acq: 11 May 2018 21:55

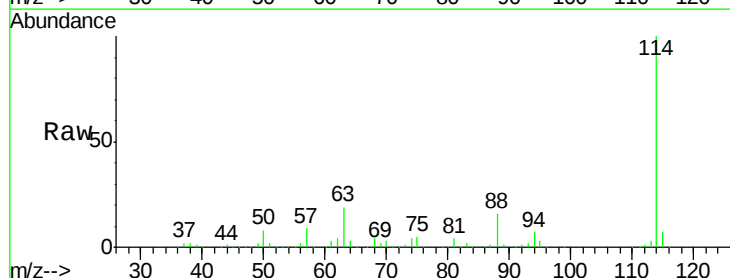
Tgt Ion: 114 Resp: 328310

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

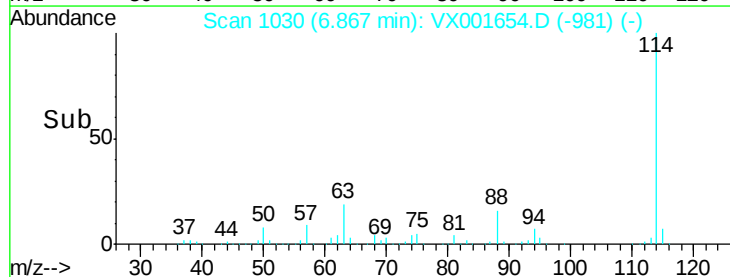
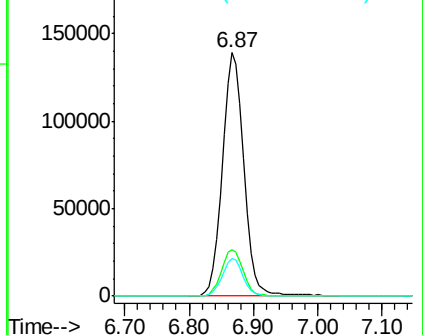
88 15.6 0.0 30.8

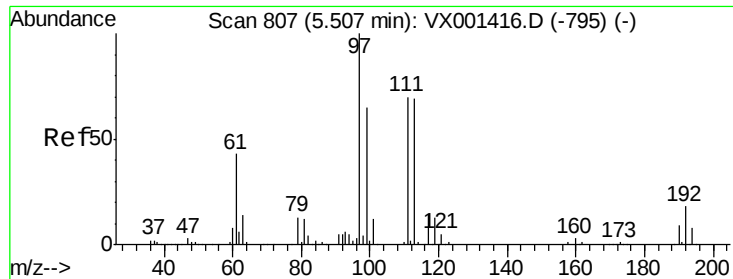


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

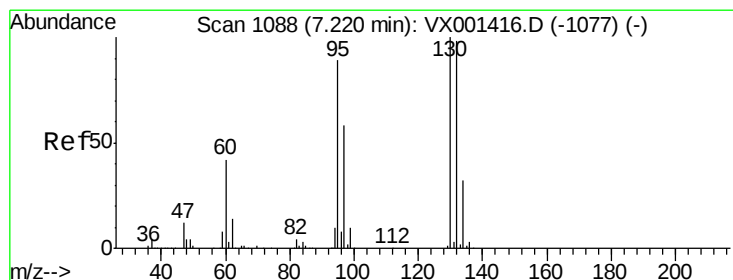
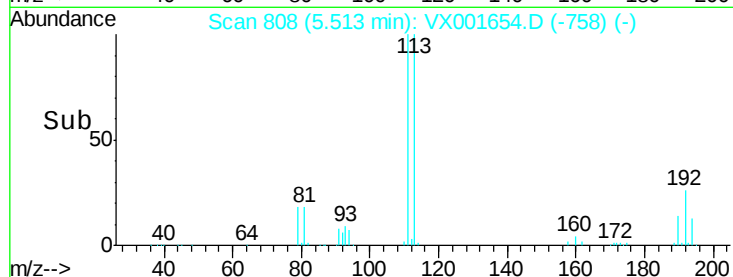
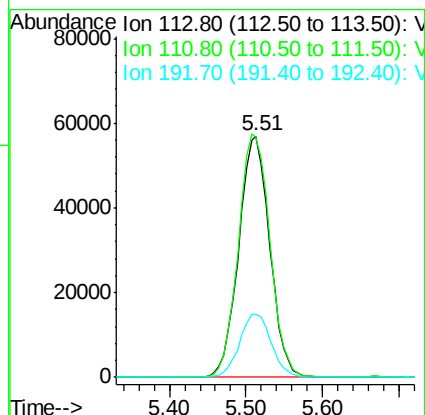
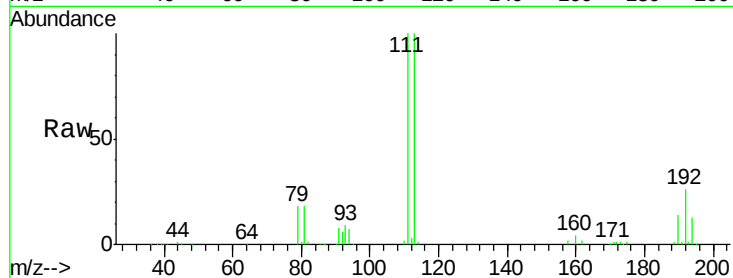




#35
 Dibromofluoromethane
 Concen: 54.71 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001654.D
 Acq: 11 May 2018 21:55

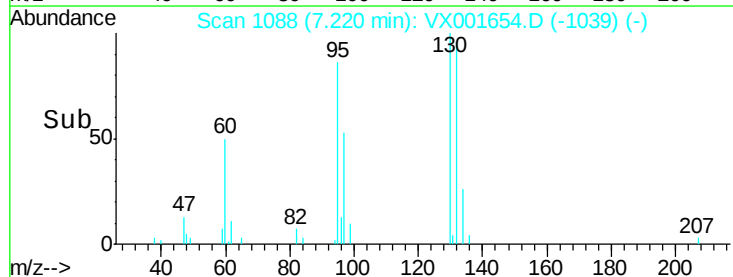
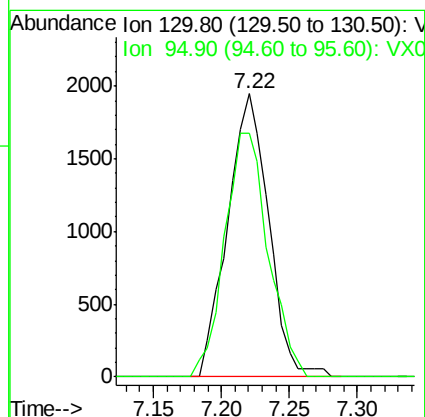
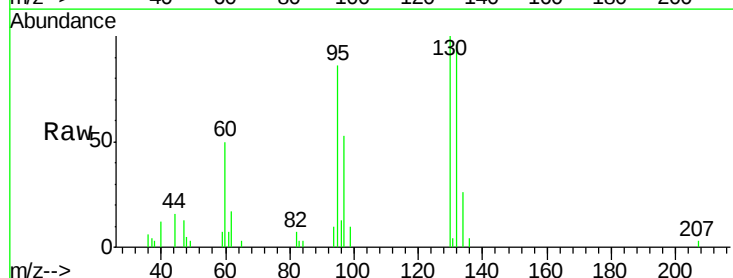
Instrument :
 MSVOA_X
 ClientSampleId :
 M-16-180502

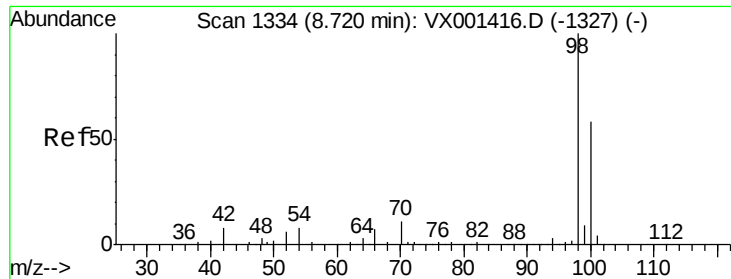
Tot Ion:113 Resp: 159777
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 26.6 21.4 32.0



#44
 Trichloroethene
 Concen: 1.10 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001654.D
 Acq: 11 May 2018 21:55

Tgt Ion:130 Resp: 4091
 Ion Ratio Lower Upper
 130 100
 95 86.1 0.0 178.4





#50

Toluene-d8

Concen: 52.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001654.D

Acq: 11 May 2018 21:55

Instrument :

MSVOA_X

ClientSampleId :

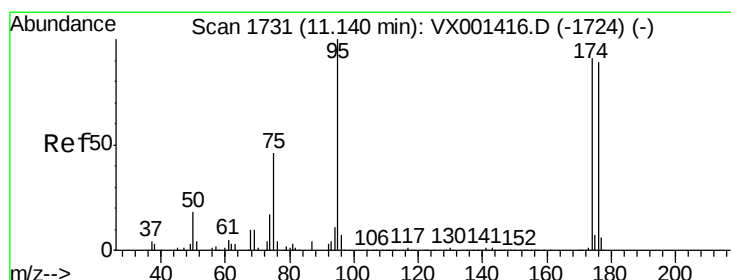
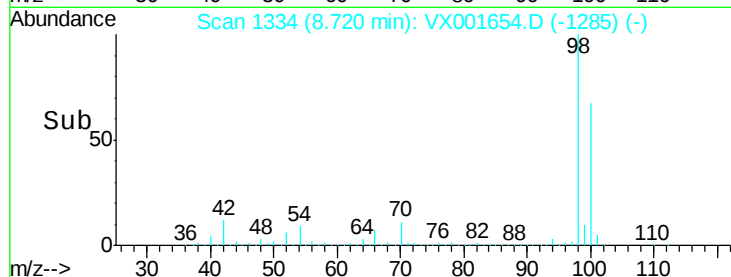
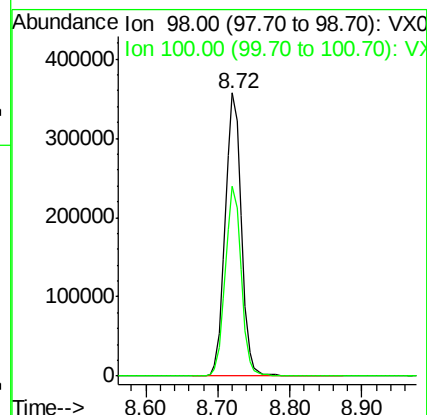
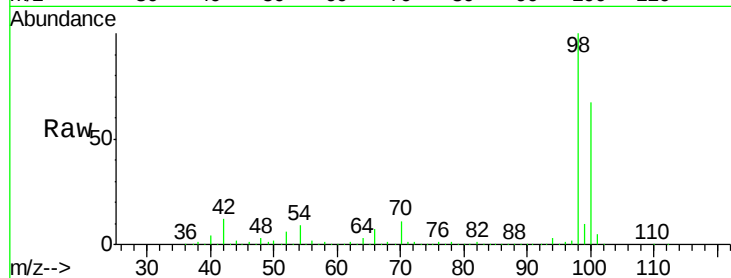
M-16-180502

Tot Ion: 98 Resp: 558101

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 43.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001654.D

Acq: 11 May 2018 21:55

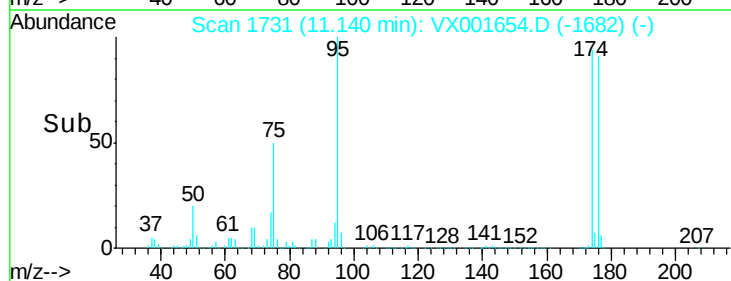
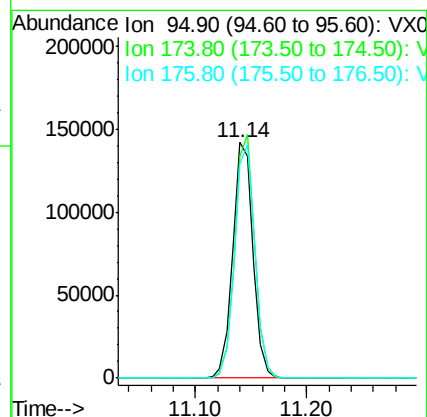
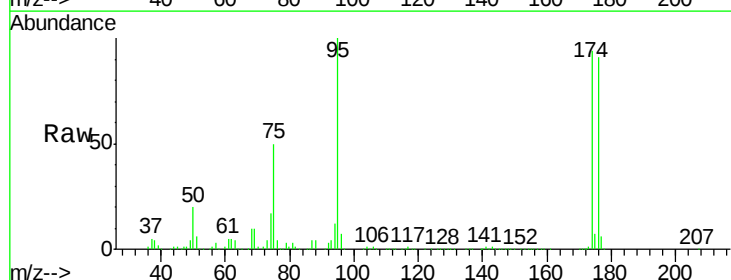
Tgt Ion: 95 Resp: 178139

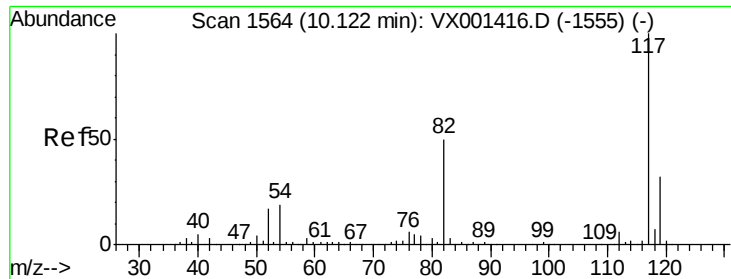
Ion Ratio Lower Upper

95 100

174 101.7 0.0 202.0

176 98.5 0.0 197.4

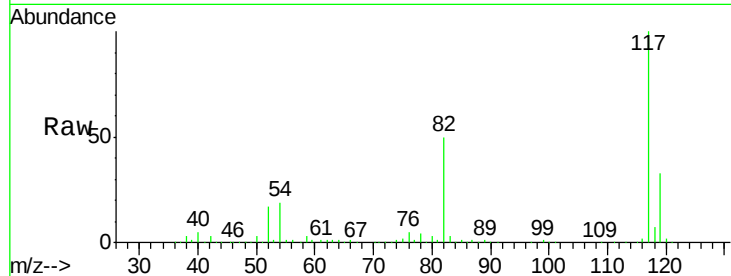




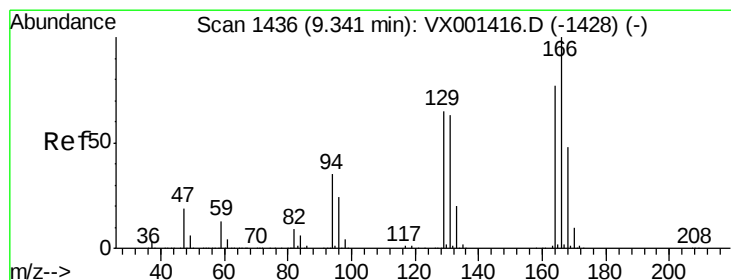
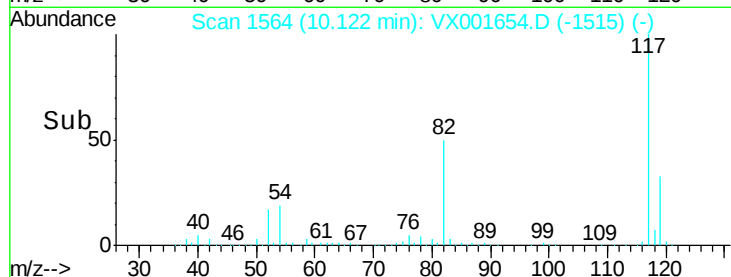
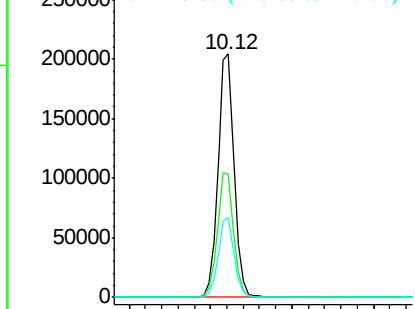
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001654.D
Acq: 11 May 2018 21:55

Instrument :
MSVOA_X
ClientSampled :
M-16-180502

Tot Ion:117 Resp: 284744
Ion Ratio Lower Upper
117 100
82 50.4 40.0 60.0
119 32.8 25.8 38.8

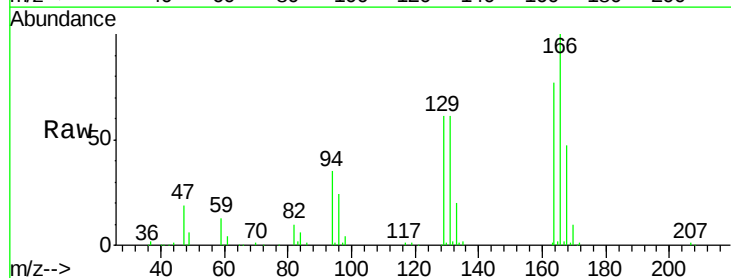


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

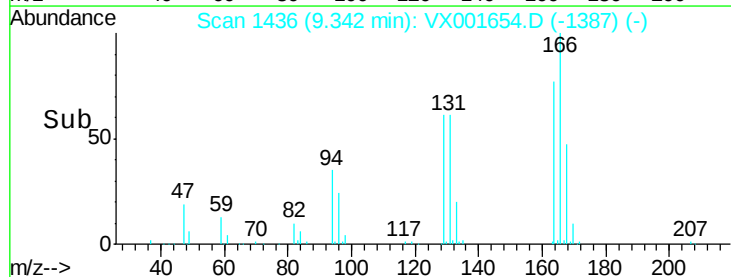
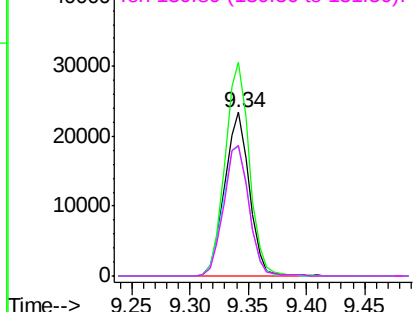


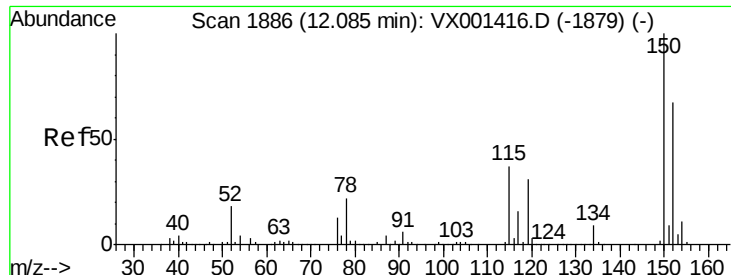
#64
Tetrachloroethene
Concen: 8.64 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001654.D
Acq: 11 May 2018 21:55

Tgt Ion:164 Resp: 34311
Ion Ratio Lower Upper
164 100
166 130.5 103.5 155.3
129 79.4 66.7 100.1
131 80.2 64.9 97.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX001654.D

Acq: 11 May 2018 21:55

Instrument :

MSVOA_X

ClientSampleId :

M-16-180502

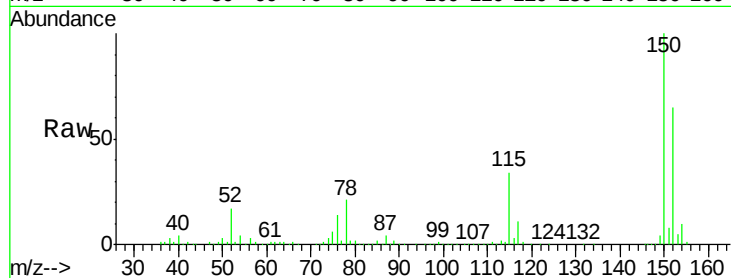
Tot Ion:152 Resp: 148713

Ion Ratio Lower Upper

152 100

115 52.8 37.7 113.1

150 155.8 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

