

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002180.D
 Acq On : 31 May 2018 16:33
 Operator : JC/MD
 Sample : J3164-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-052418

Quant Time: May 31 17:22:02 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

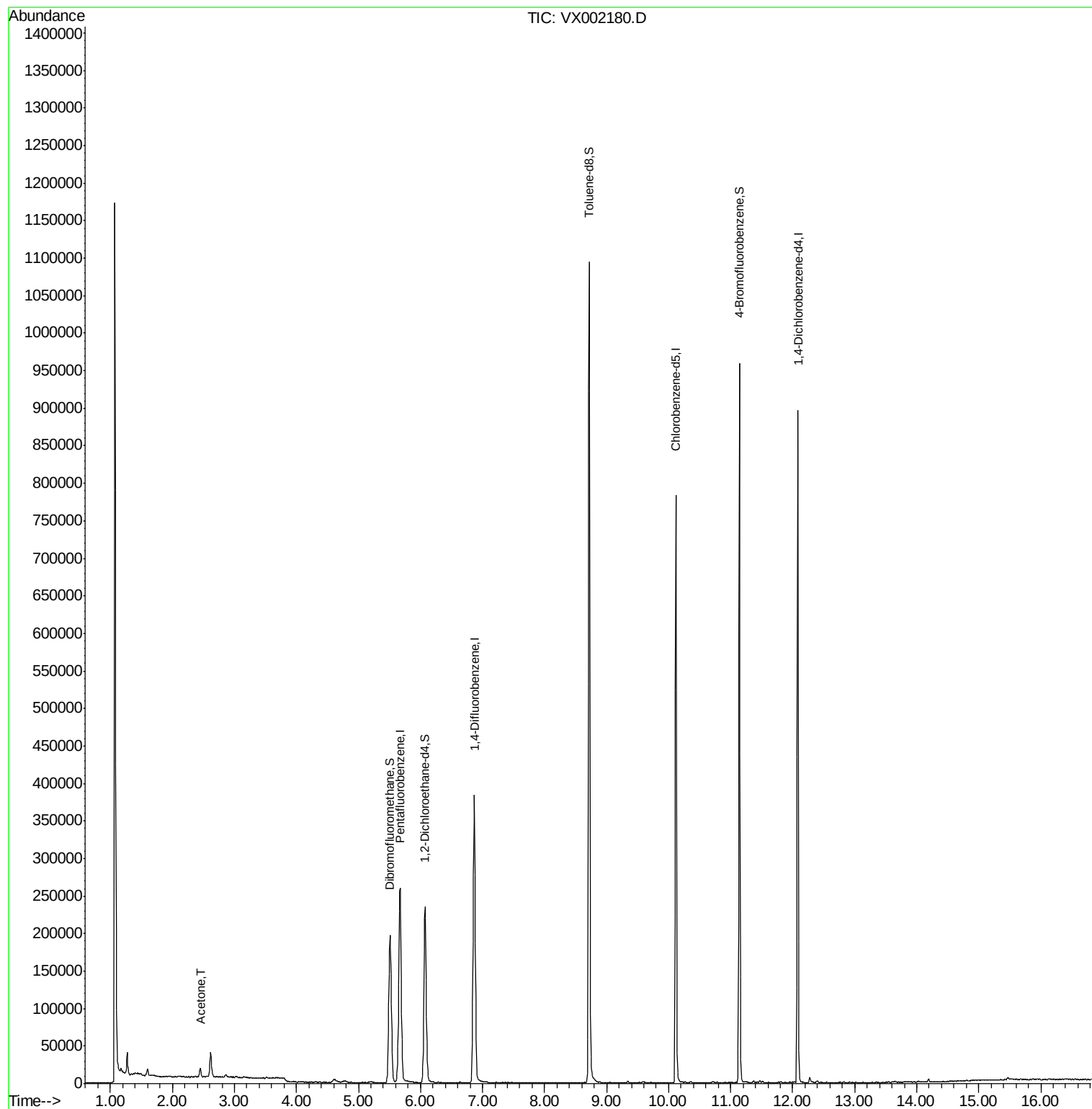
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219861	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	5.51	113	162879	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
50) Toluene-d8	8.72	98	640460	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.14	95	228029	42.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.38%	
Target Compounds						
16) Acetone	2.45	43	13510	7.538	ug/l	Qvalue 91

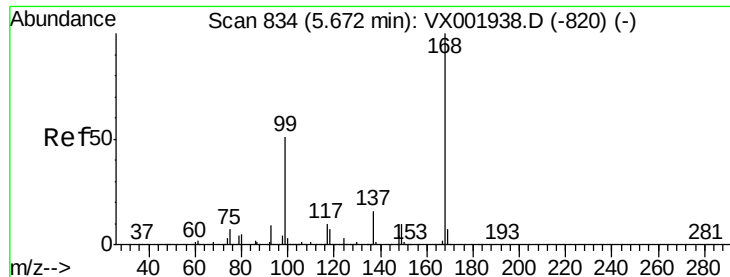
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002180.D

Acq: 31 May 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

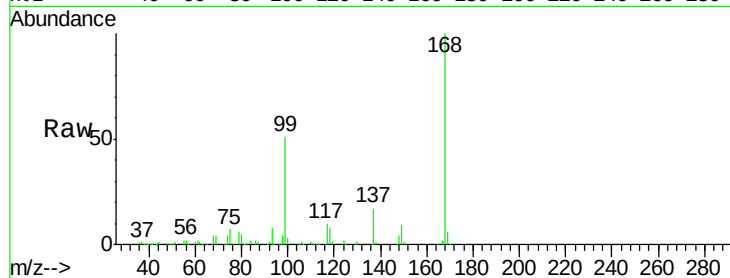
TB-02-052418

Tot Ion:168 Resp: 259797

Ion Ratio Lower Upper

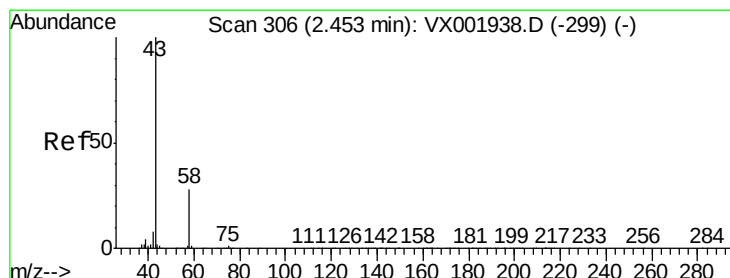
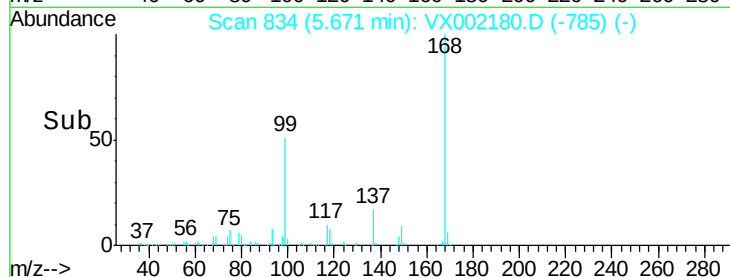
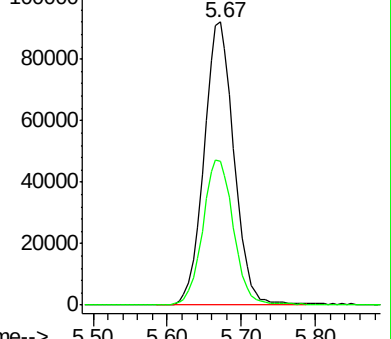
168 100

99 50.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.538 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002180.D

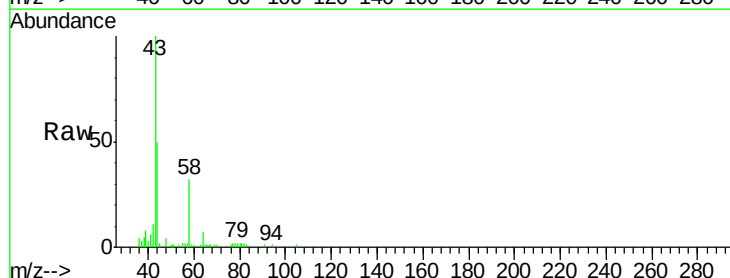
Acq: 31 May 2018 16:33

Tgt Ion: 43 Resp: 13510

Ion Ratio Lower Upper

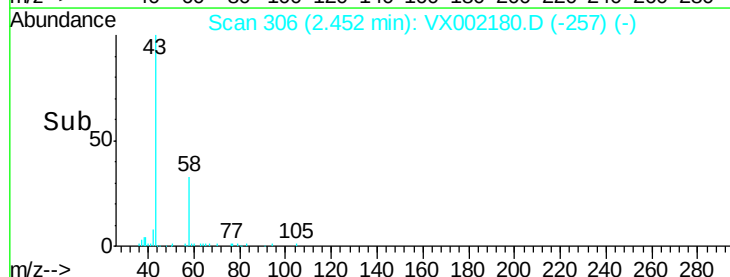
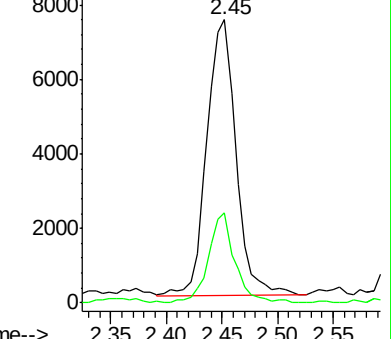
43 100

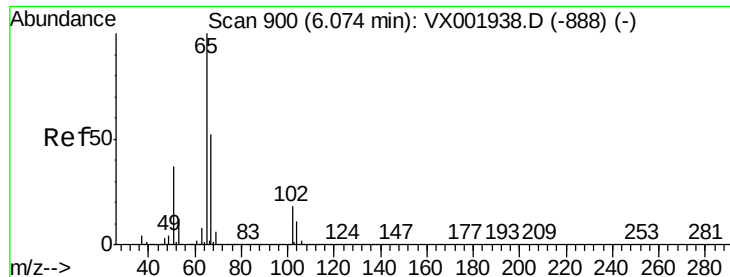
58 32.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

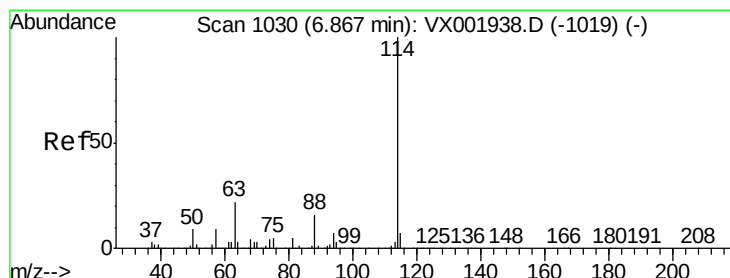
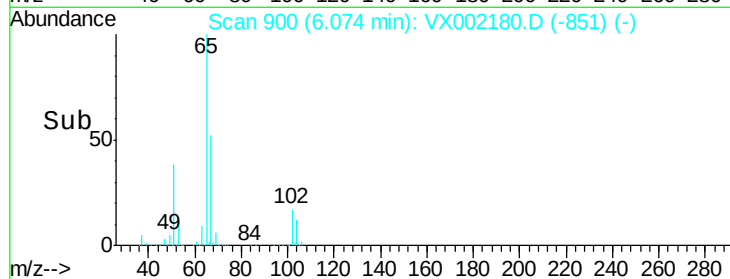
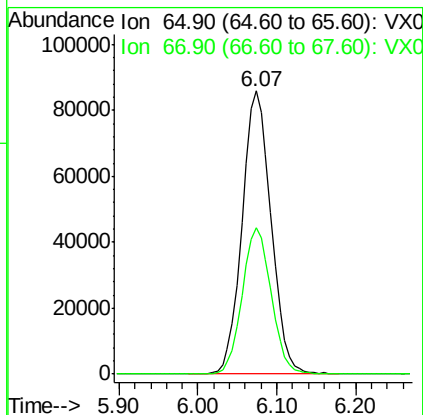
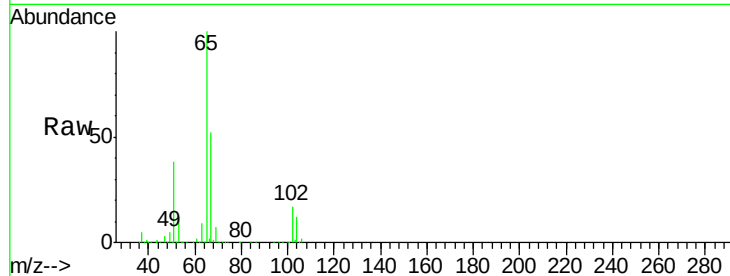




#33
 1,2-Dichloroethane-d4
 Concen: 47.344 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002180.D
 Acq: 31 May 2018 16:33

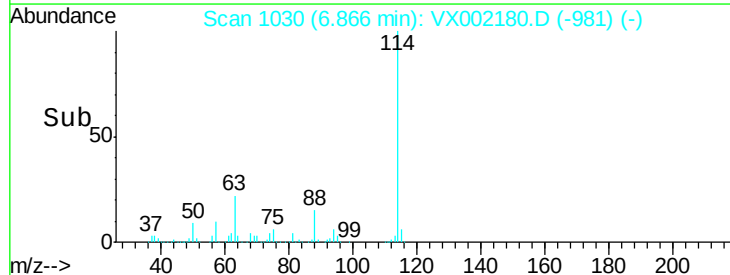
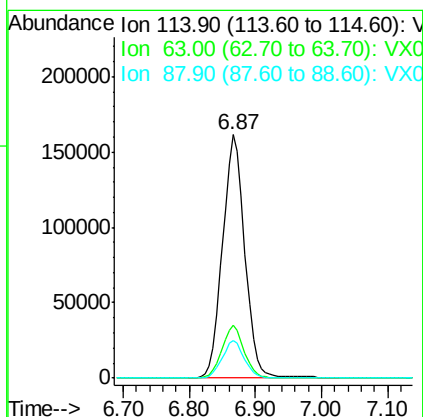
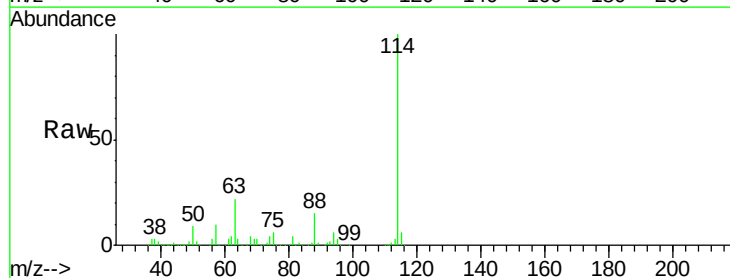
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-052418

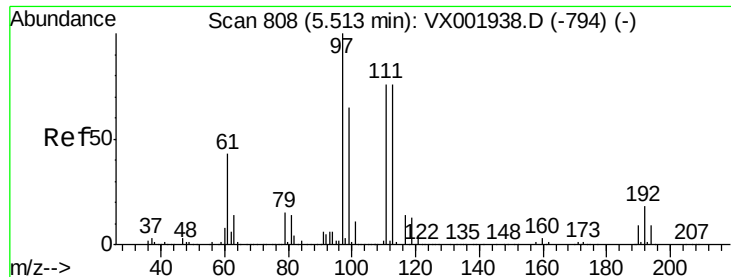
Tot Ion: 65 Resp: 219861
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002180.D
 Acq: 31 May 2018 16:33

Tgt Ion: 114 Resp: 377119
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 43.190 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002180.D

Acq: 31 May 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

TB-02-052418

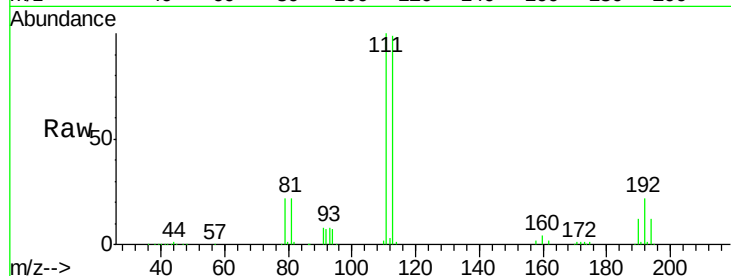
Tot Ion:113 Resp: 162879

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

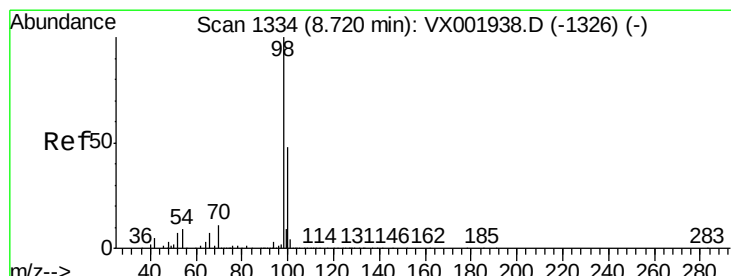
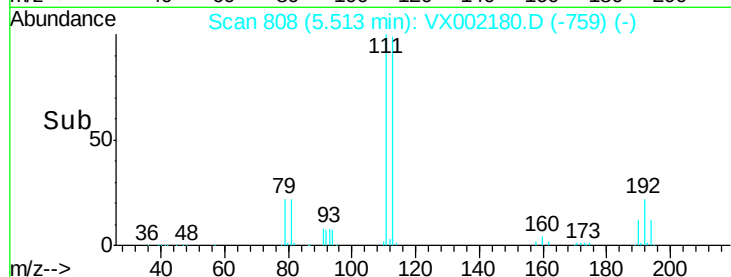
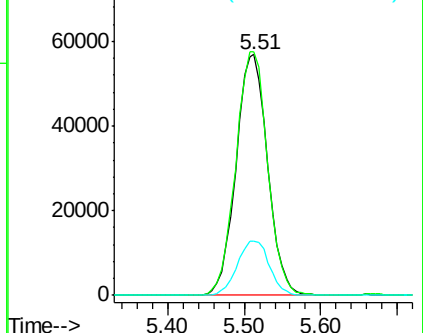
192 23.0 18.9 28.3



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: 46.910 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002180.D

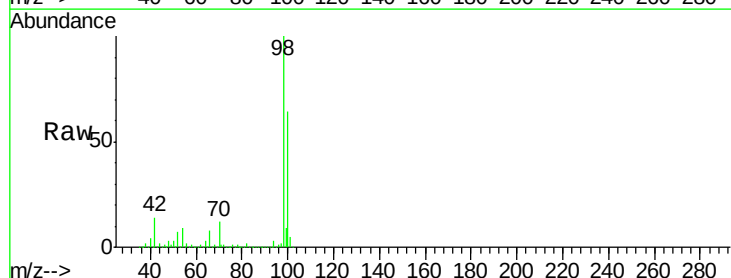
Acq: 31 May 2018 16:33

Tgt Ion: 98 Resp: 640460

Ion Ratio Lower Upper

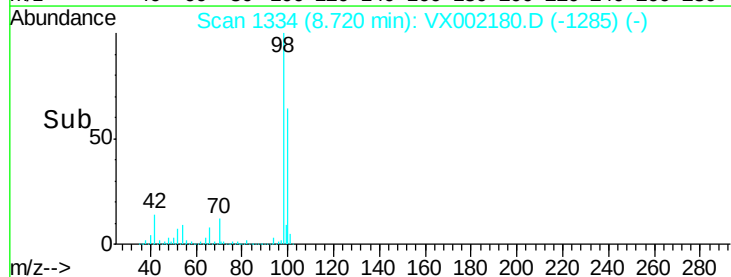
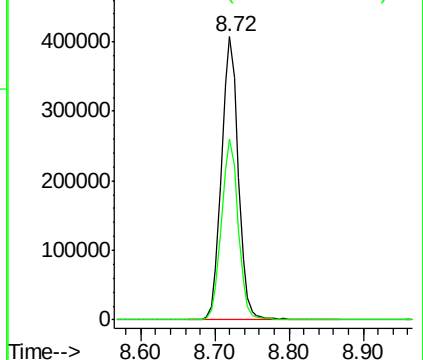
98 100

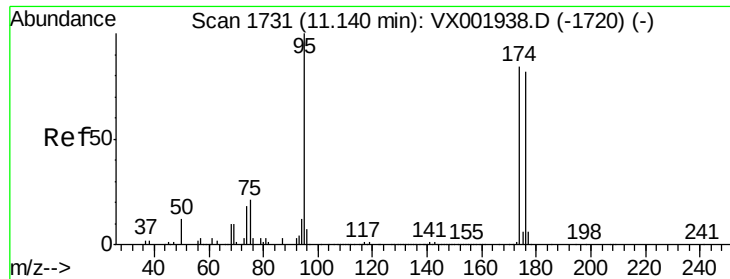
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

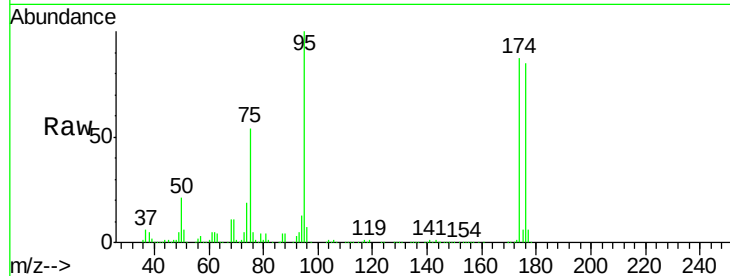




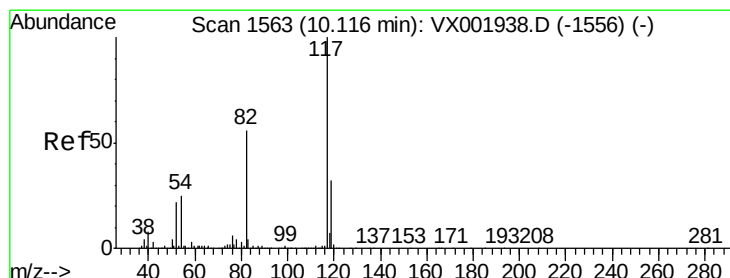
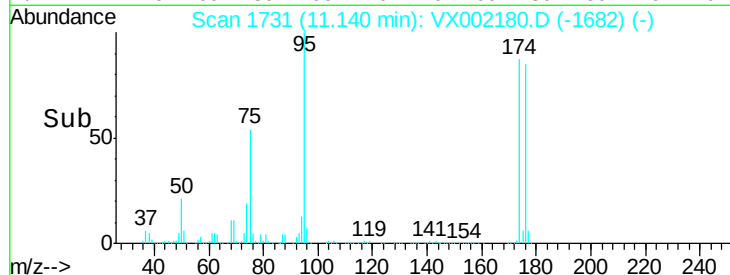
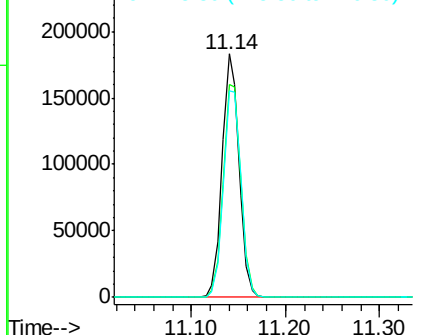
#62
4-Bromofluorobenzene
Concen: 42.687 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002180.D
Acq: 31 May 2018 16:33

Instrument :
MSVOA_X
ClientSampleId :
TB-02-052418

Tot Ion: 95 Resp: 228029
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.8
176 88.5 0.0 175.6

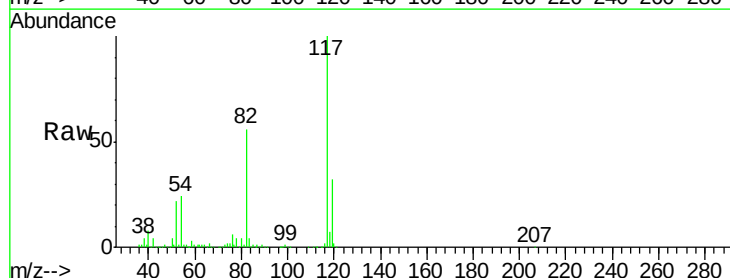


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

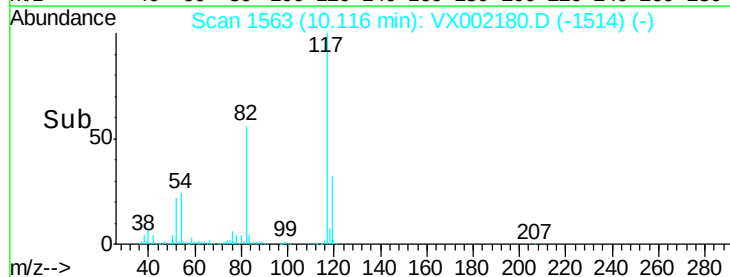
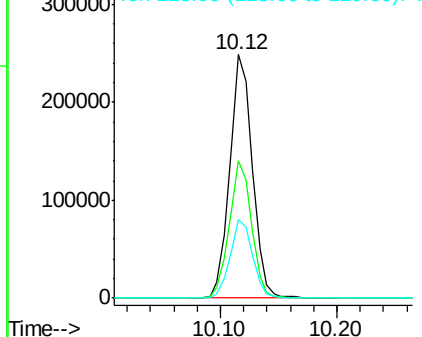


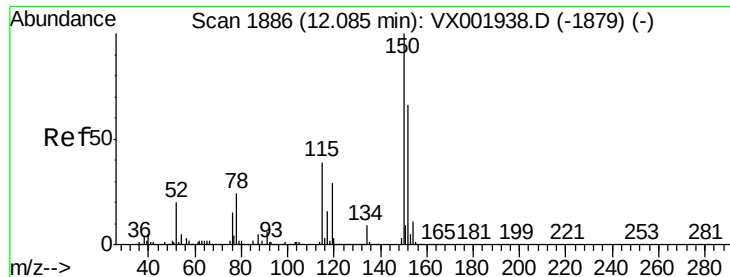
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002180.D
Acq: 31 May 2018 16:33

Tgt Ion: 117 Resp: 336629
Ion Ratio Lower Upper
117 100
82 56.4 44.8 67.2
119 32.0 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: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002180.D

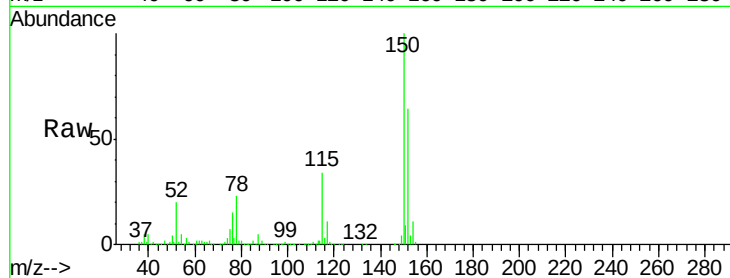
Acq: 31 May 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

TB-02-052418



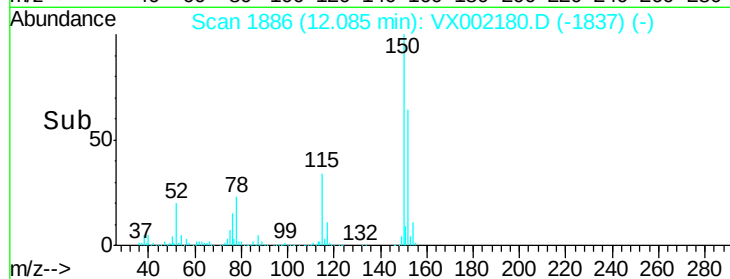
Tot Ion:152 Resp: 183410

Ion Ratio Lower Upper

152 100

115 54.8 42.3 126.8

150 157.1 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

