

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004201.D
 Acq On : 22 Aug 2018 16:24
 Operator : JC/MD
 Sample : J4605-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180821

Quant Time: Aug 23 09:26:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232200	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204482	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	5.50	113	173865	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	652296	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	224881	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	

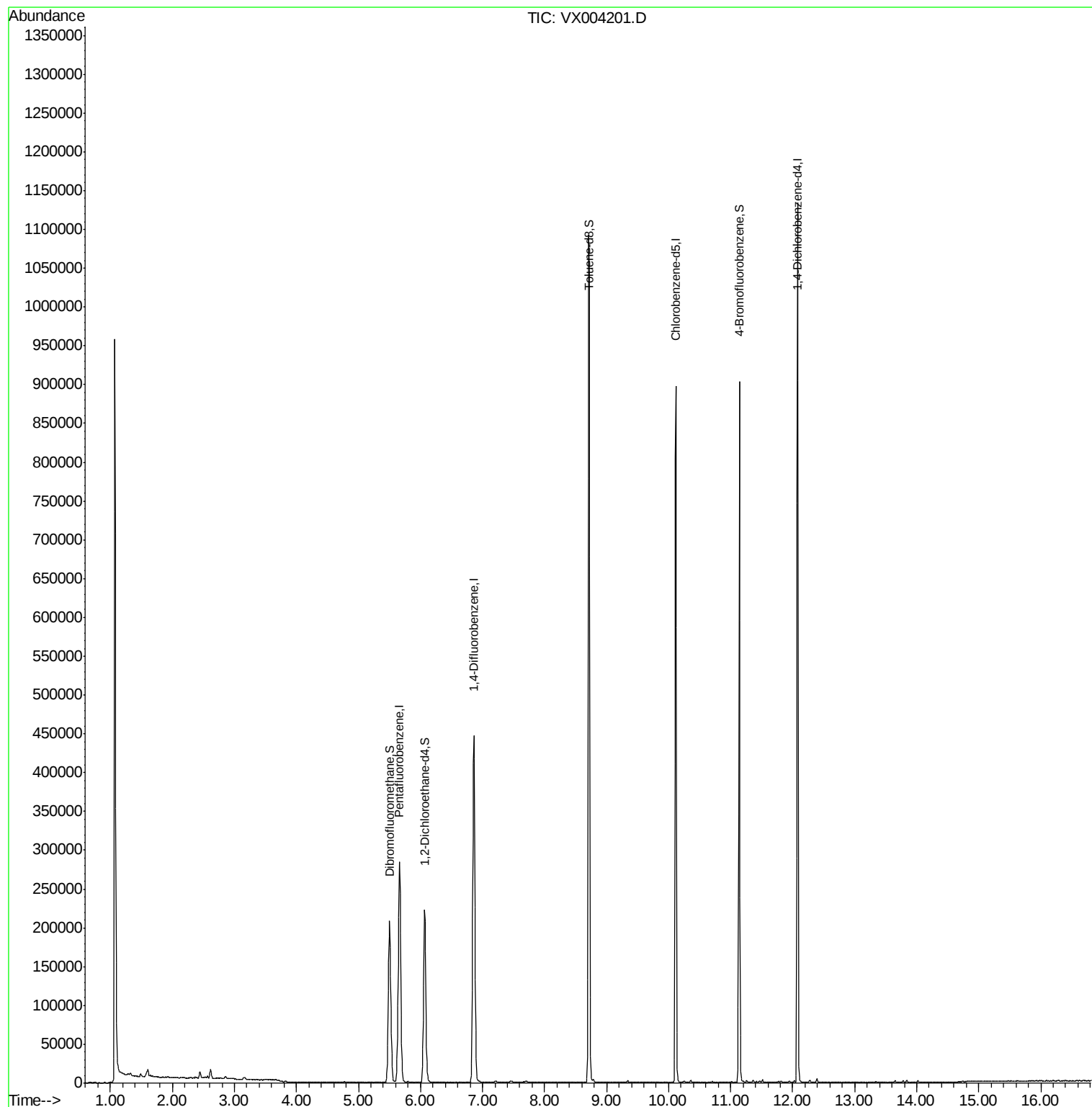
Target Compounds	Qvalue

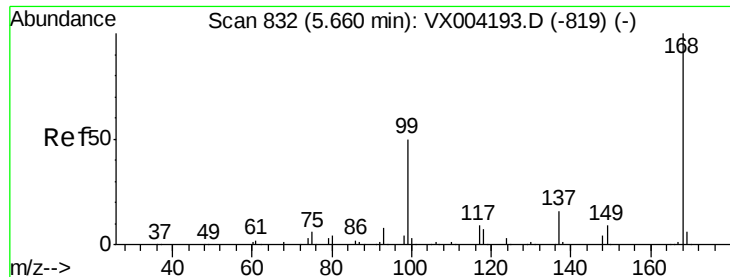
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004201.D

Acq: 22 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

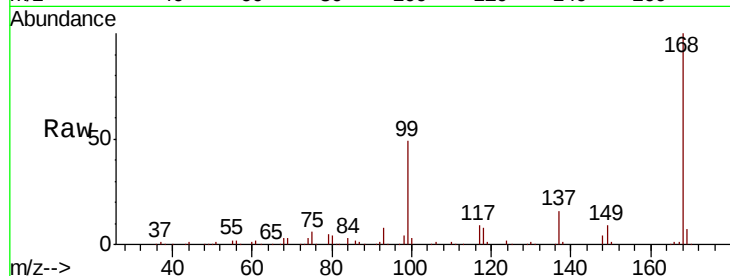
TB-01-180821

Tot Ion:168 Resp: 289487

Ion Ratio Lower Upper

168 100

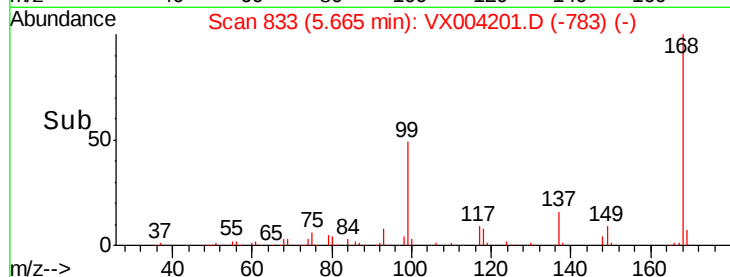
99 49.2 39.9 59.9



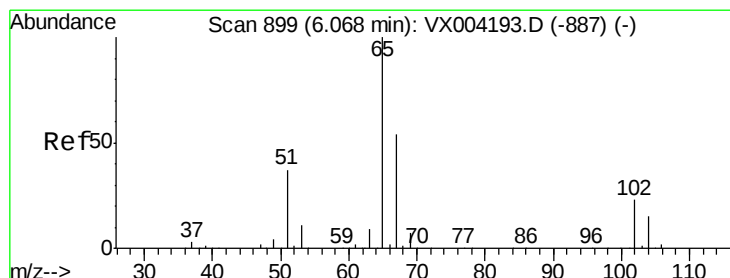
Abundance Ion 167.90 (167.60 to 168.60): VX004201.D (-783) (-)

Ion 98.90 (98.60 to 99.60): VX004201.D (-783) (-)

5.67



Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.19 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004201.D

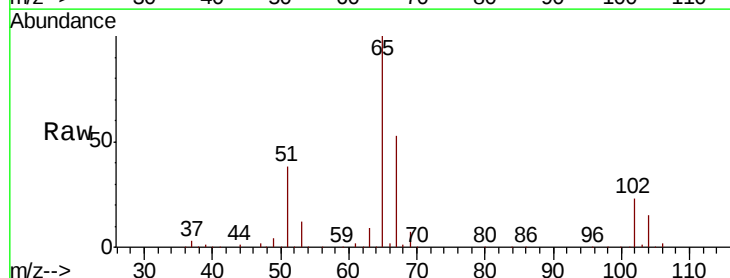
Acq: 22 Aug 2018 16:24

Tgt Ion: 65 Resp: 204482

Ion Ratio Lower Upper

65 100

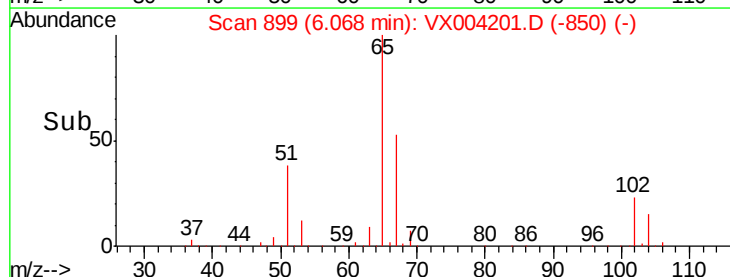
67 53.5 0.0 106.8



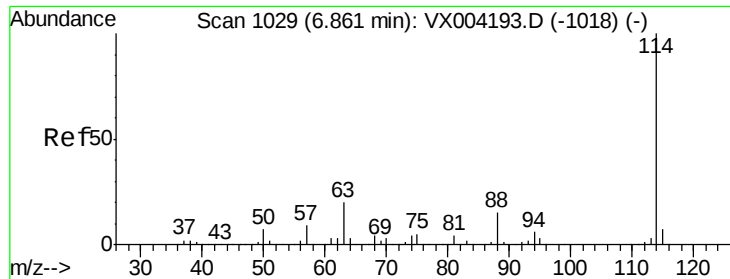
Abundance Ion 64.90 (64.60 to 65.60): VX004201.D (-850) (-)

Ion 66.90 (66.60 to 67.60): VX004201.D (-850) (-)

6.07



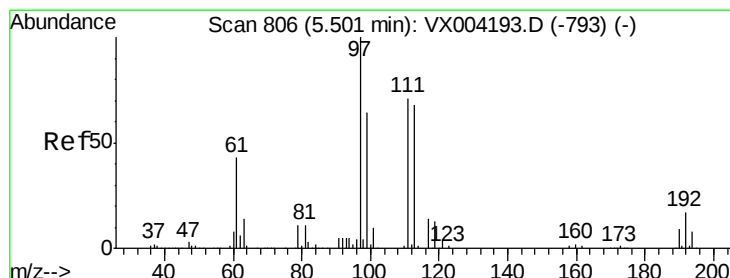
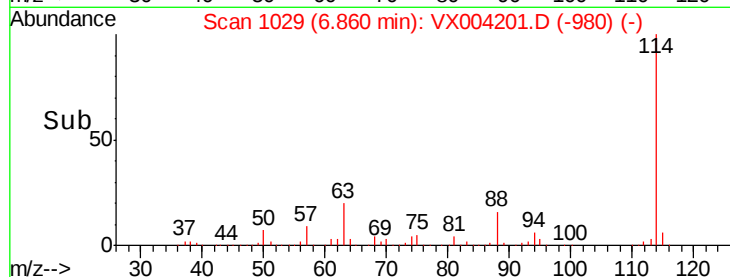
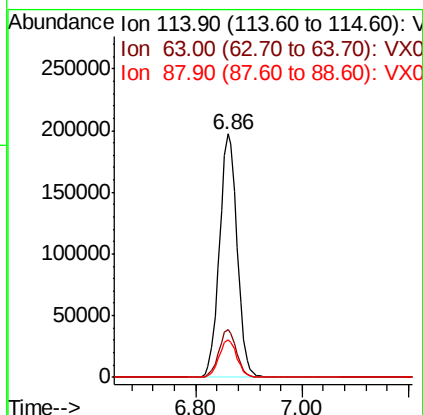
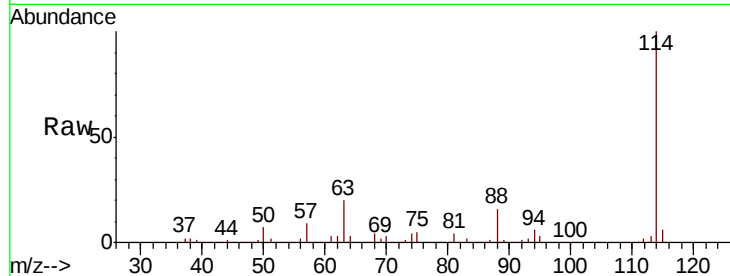
Time-->



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004201.D
 Acq: 22 Aug 2018 16:24

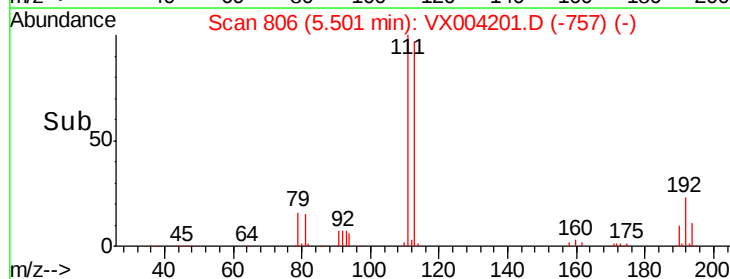
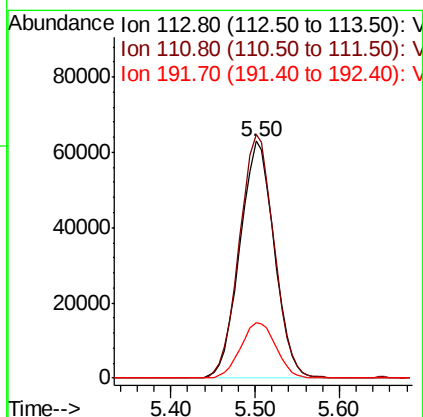
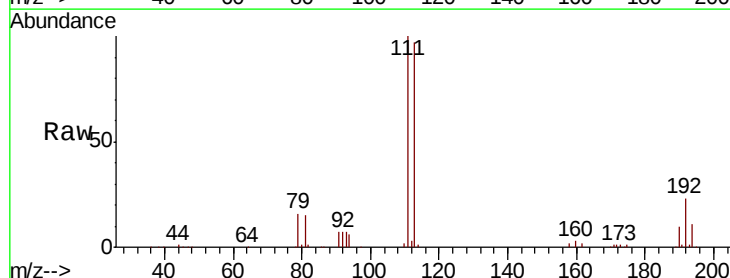
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180821

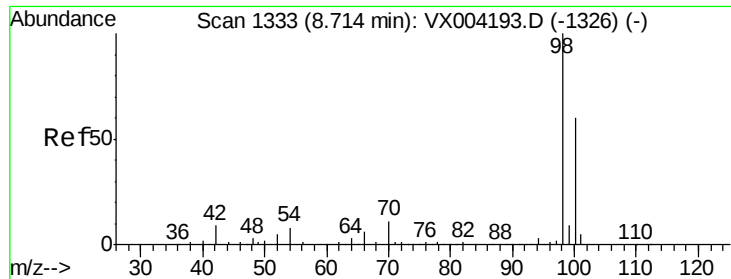
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.5	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 50.87 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004201.D
 Acq: 22 Aug 2018 16:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	24.3	19.4	29.2





#50

Toluene-d8

Concen: 50.56 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004201.D

Acq: 22 Aug 2018 16:24

Instrument :

MSVOA_X

ClientSampleId :

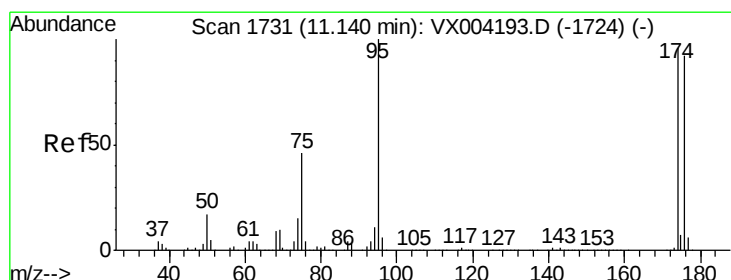
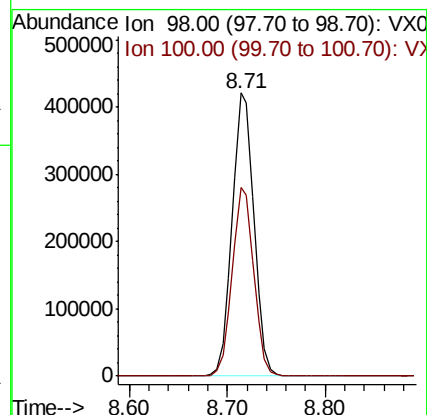
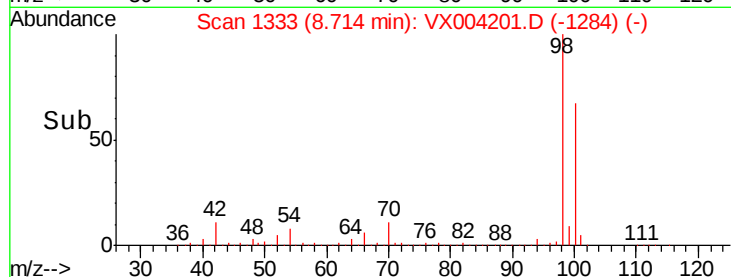
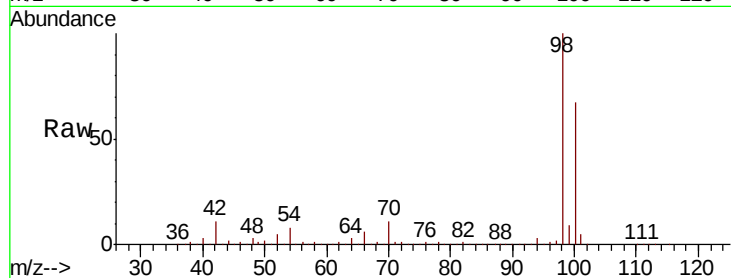
TB-01-180821

Tot Ion: 98 Resp: 652296

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004201.D

Acq: 22 Aug 2018 16:24

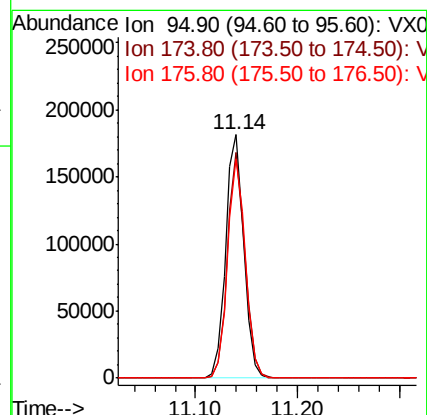
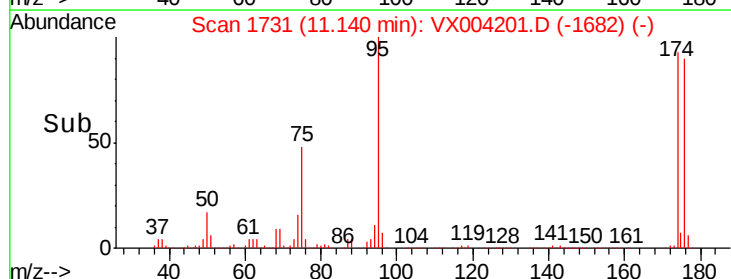
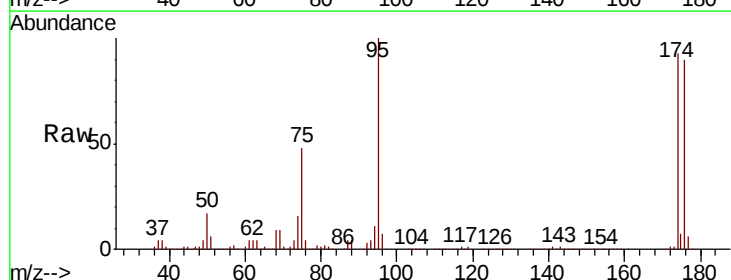
Tgt Ion: 95 Resp: 224881

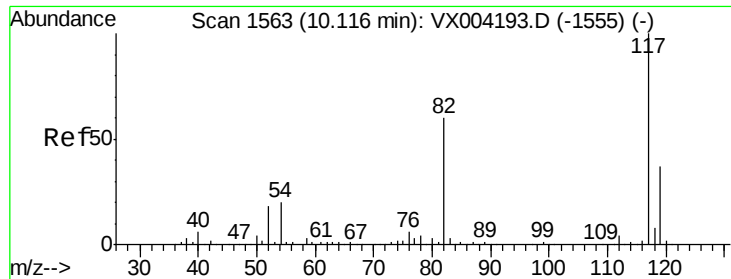
Ion Ratio Lower Upper

95 100

174 89.5 0.0 185.2

176 88.4 0.0 178.6

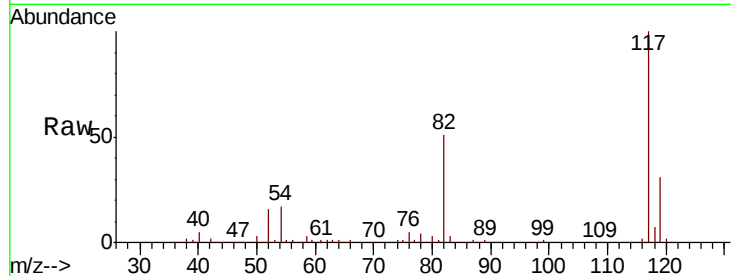




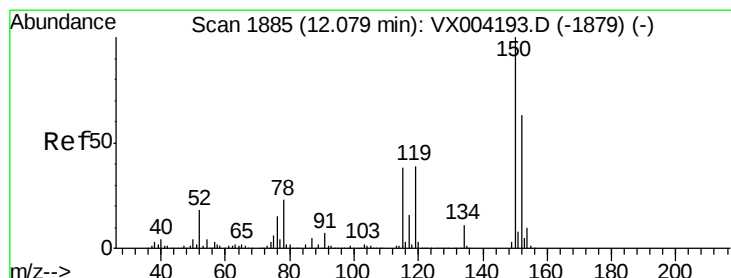
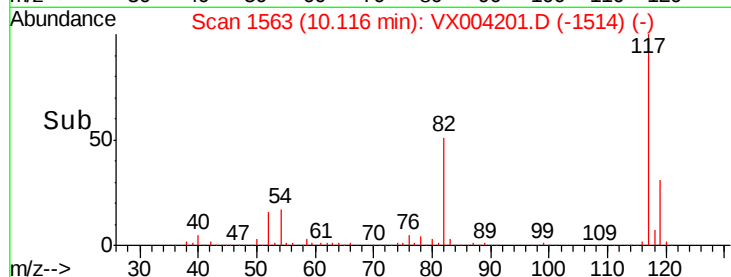
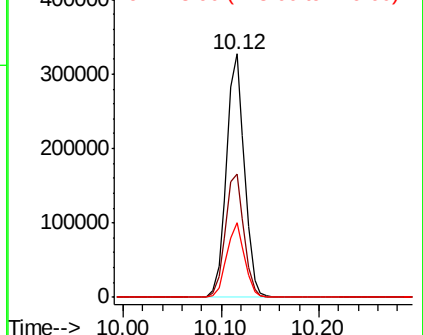
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004201.D
Acq: 22 Aug 2018 16:24

Instrument :
MSVOA_X
ClientSampled :
TB-01-180821

Tot Ion:117 Resp: 415427
Ion Ratio Lower Upper
117 100
82 50.6 47.8 71.6
119 30.9 29.3 43.9

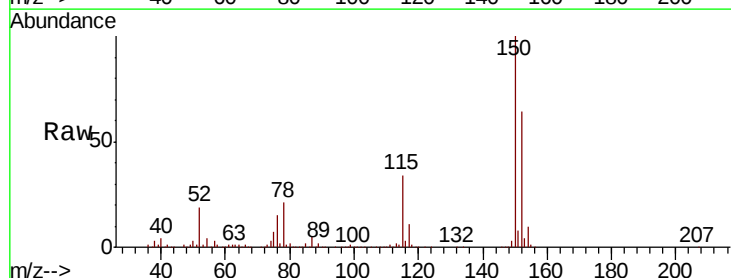


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004201.D
Acq: 22 Aug 2018 16:24

Tgt Ion:152 Resp: 232200
Ion Ratio Lower Upper
152 100
115 54.4 39.0 117.0
150 158.6 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

