

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001894.D
 Acq On : 22 May 2018 15:36
 Operator : JC/MD
 Sample : J2988-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB11-180515

Quant Time: May 24 11:41:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	464230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216932	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	256864	58.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.76%	
35) Dibromofluoromethane	5.51	113	206581	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	8.72	98	737764	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	236359	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

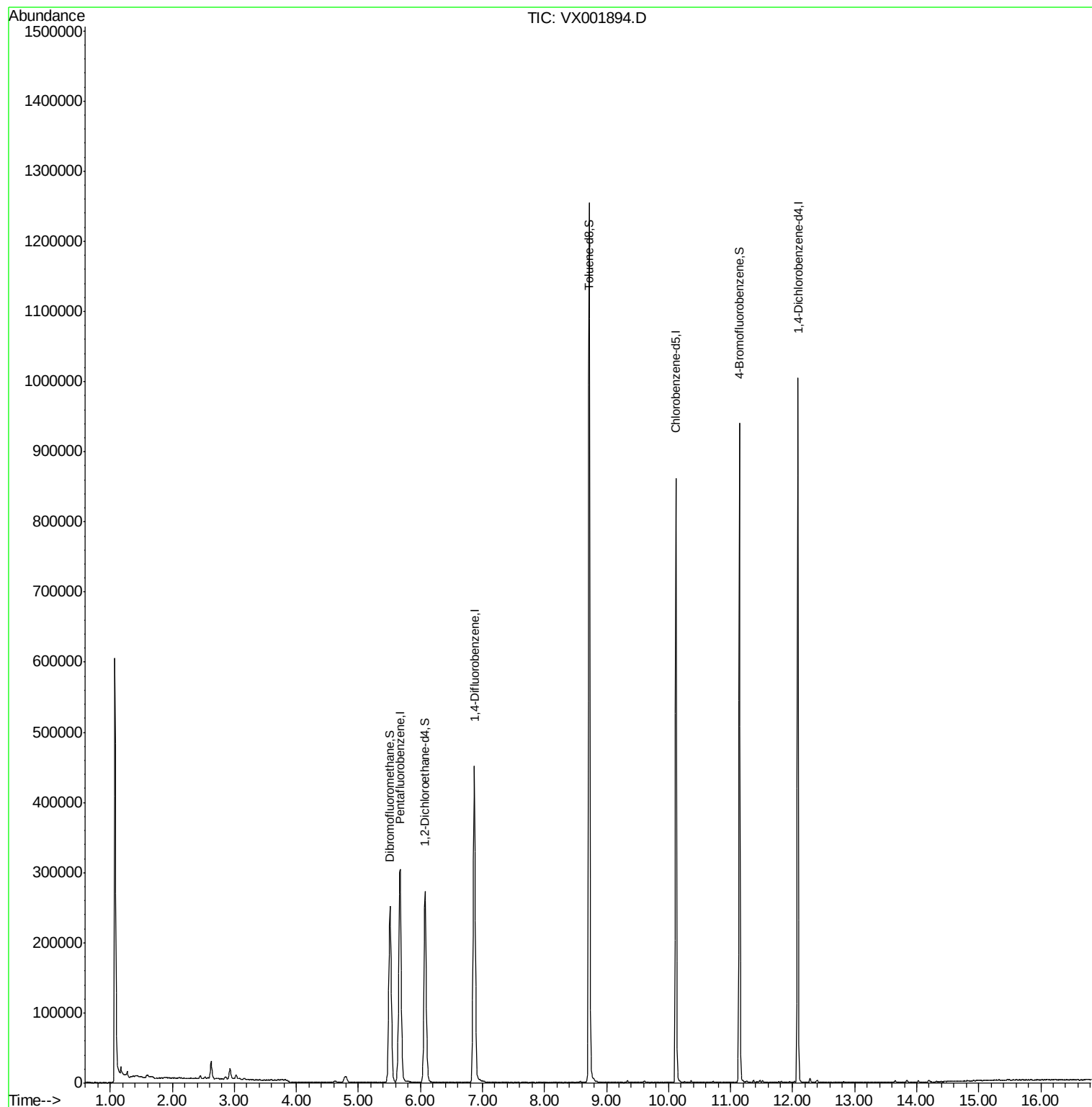
Target Compounds	Qvalue

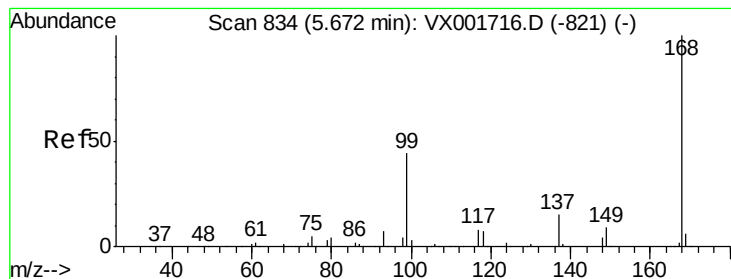
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001894.D

Acq: 22 May 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

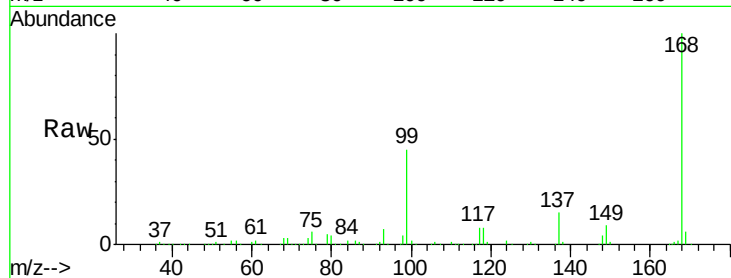
Z3TB11-180515

Tot Ion:168 Resp: 325492

Ion Ratio Lower Upper

168 100

99 44.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

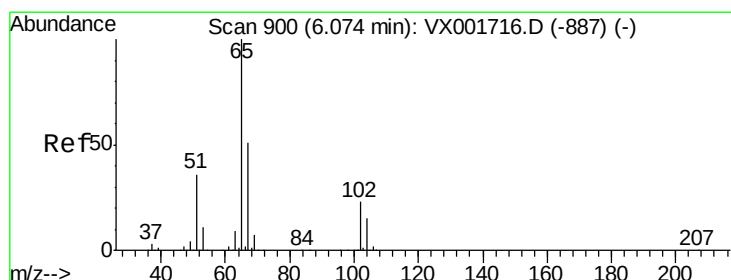
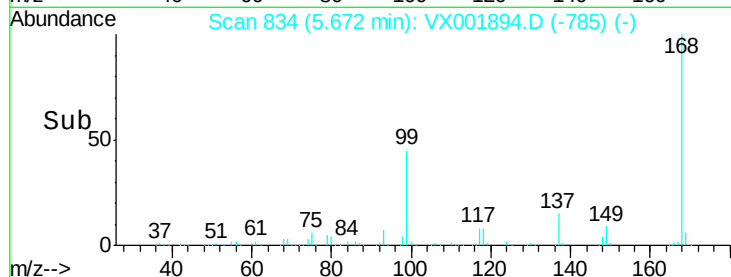
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 58.88 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001894.D

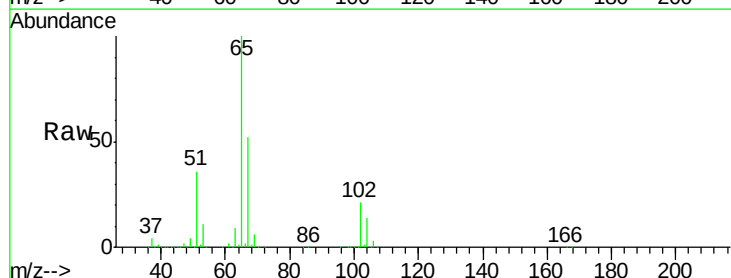
Acq: 22 May 2018 15:36

Tgt Ion: 65 Resp: 256864

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

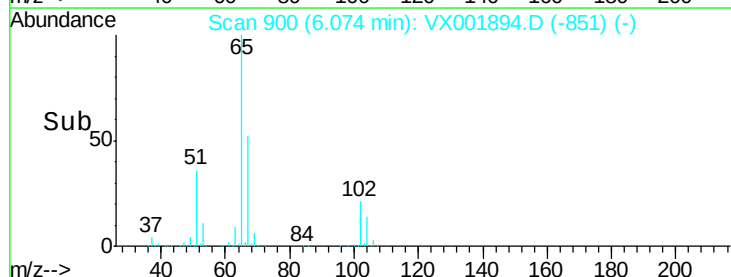
60000

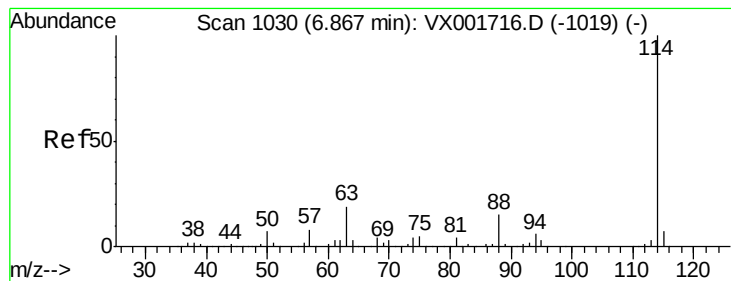
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001894.D

Acq: 22 May 2018 15:36

Instrument :

MSVOA_X

ClientSampleId :

Z3TB11-180515

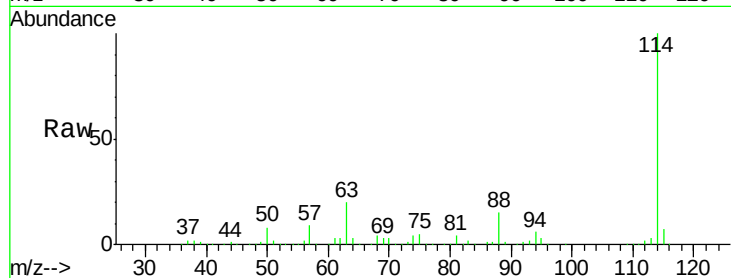
Tot Ion:114 Resp: 464230

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.0

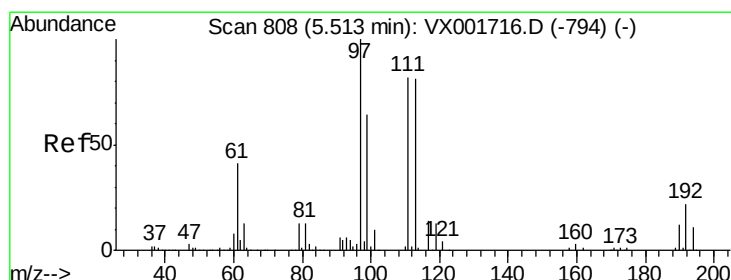
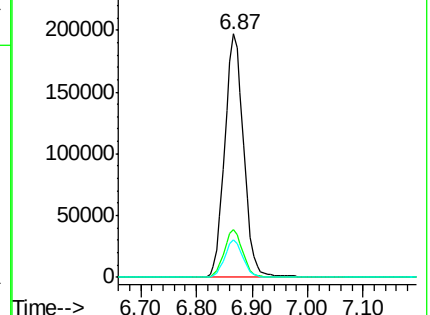
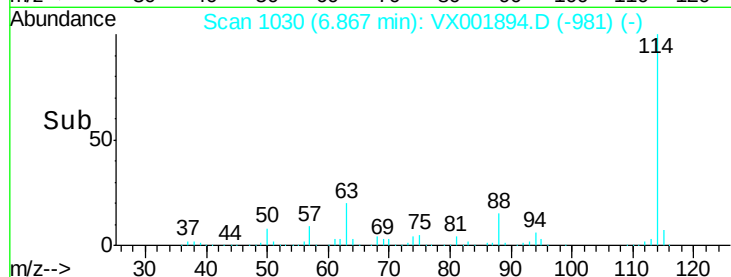
88 15.4 0.0 29.8



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: 52.73 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001894.D

Acq: 22 May 2018 15:36

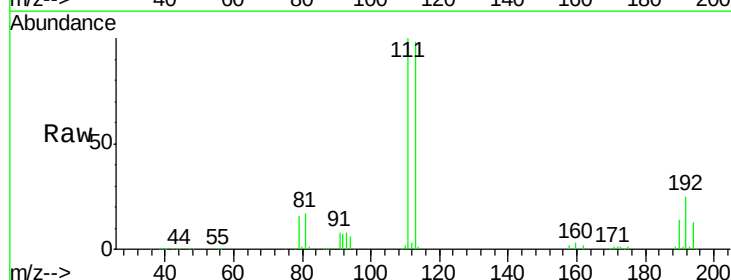
Tgt Ion:113 Resp: 206581

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

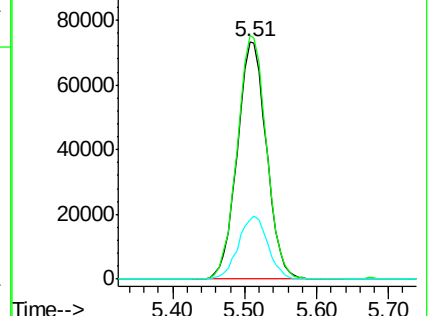
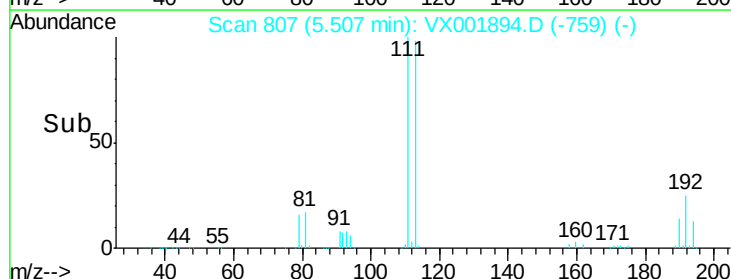
192 26.8 21.6 32.4

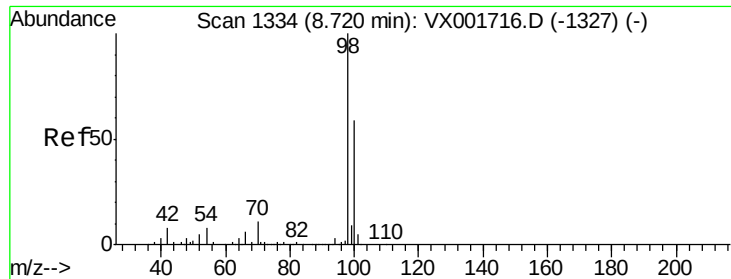


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

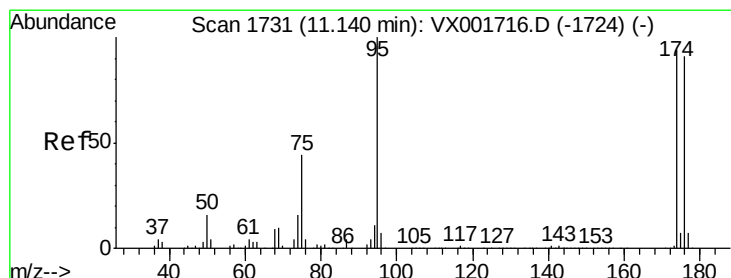
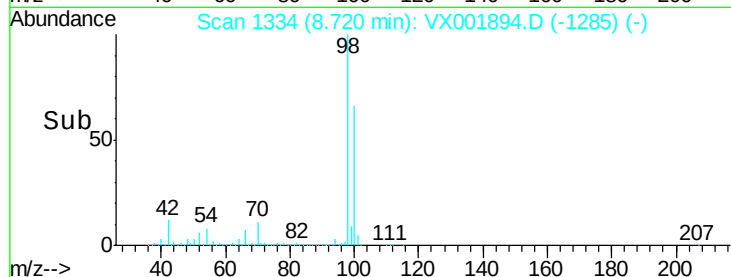
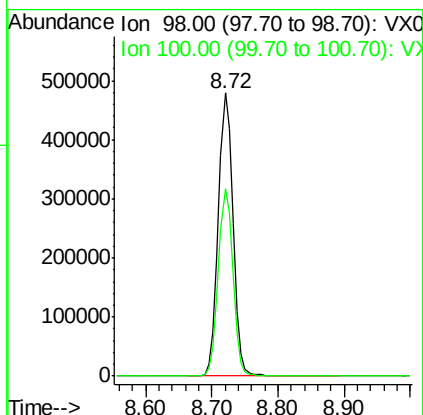
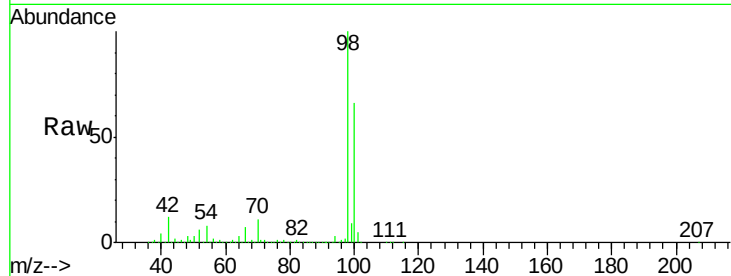




#50
Toluene-d8
Concen: 52.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001894.D
Acq: 22 May 2018 15:36

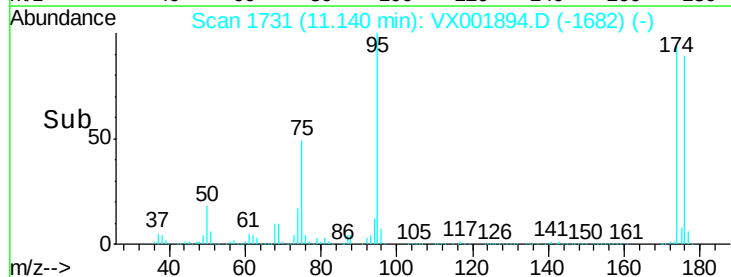
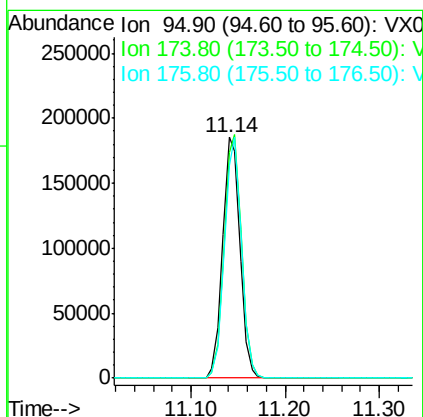
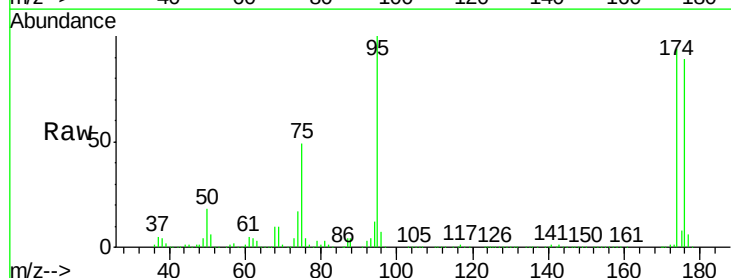
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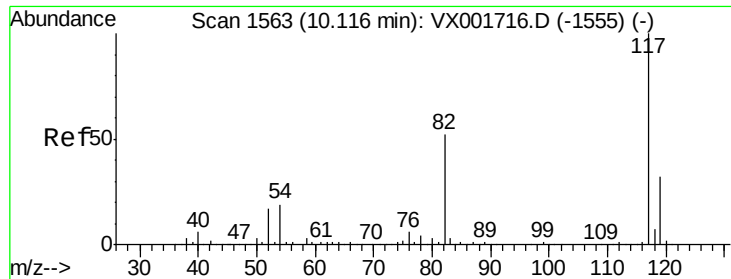
Tot Ion: 98 Resp: 737764
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 46.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001894.D
Acq: 22 May 2018 15:36

Tgt Ion: 95 Resp: 236359
Ion Ratio Lower Upper
95 100
174 100.6 0.0 201.8
176 97.9 0.0 196.8

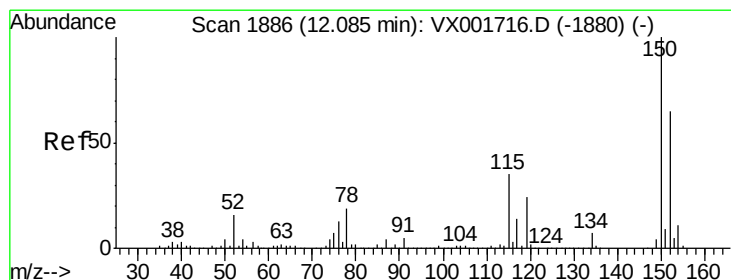
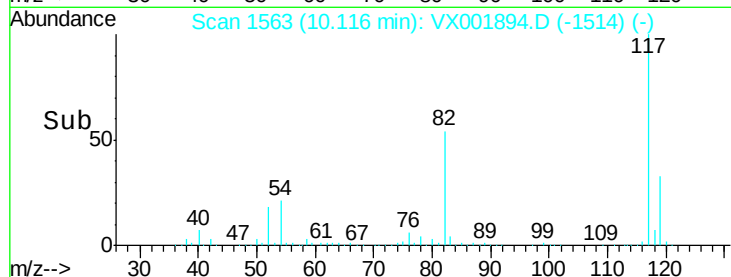
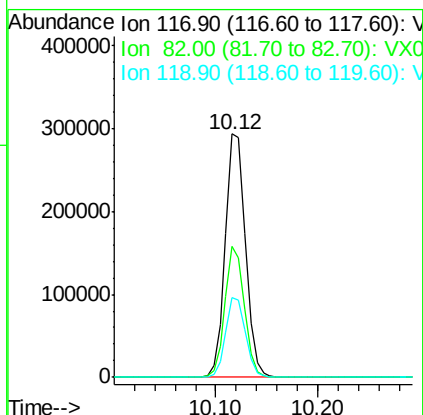
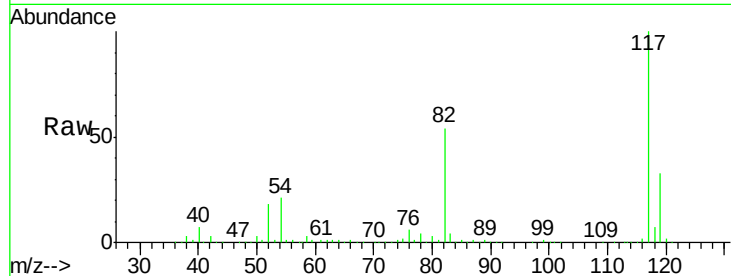




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001894.D
Acq: 22 May 2018 15:36

Instrument :
MSVOA_X
ClientSampleId :
Z3TB11-180515

Tot Ion:117 Resp: 403137
Ion Ratio Lower Upper
117 100
82 53.6 41.4 62.2
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001894.D
Acq: 22 May 2018 15:36

Tgt Ion:152 Resp: 216932
Ion Ratio Lower Upper
152 100
115 52.3 37.4 112.2
150 156.7 0.0 344.8

