

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001830.D
 Acq On : 18 May 2018 17:07
 Operator : JC/MD
 Sample : J2853-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB07-180507

Quant Time: May 21 10:01:42 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	305622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185208	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	230216	56.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.40%	
35) Dibromofluoromethane	5.51	113	197141	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
50) Toluene-d8	8.72	98	709213	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	11.14	95	202488	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.88%	

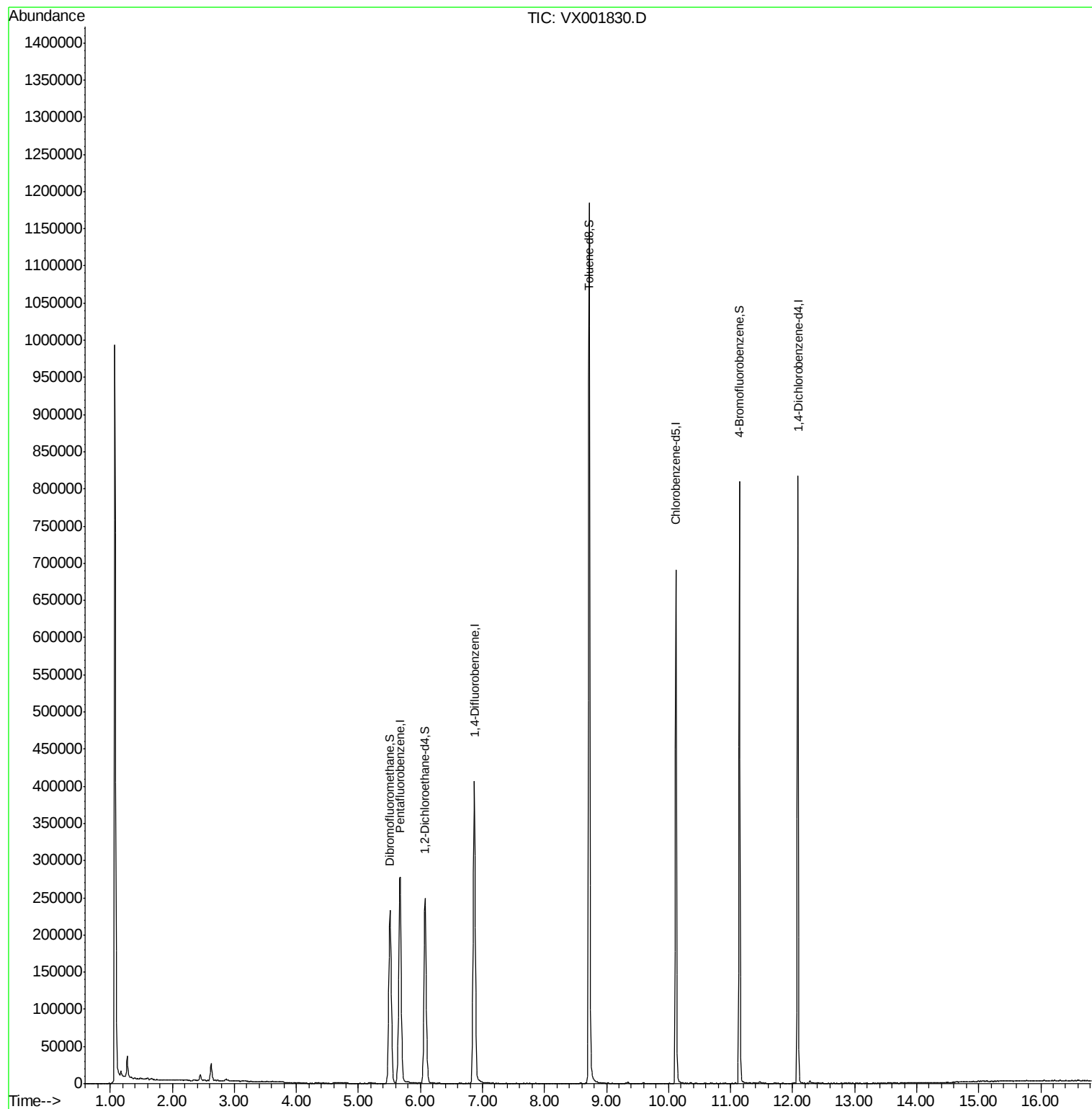
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001830.D

Acq: 18 May 2018 17:07

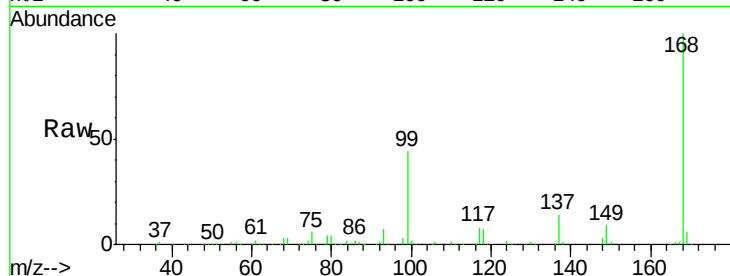
Instrument :
MSVOA_X
ClientSampleId :
Z3TB07-180507

Tot Ion:168 Resp: 305622

Ion Ratio Lower Upper

168 100

99 44.3 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

120000

100000

80000

60000

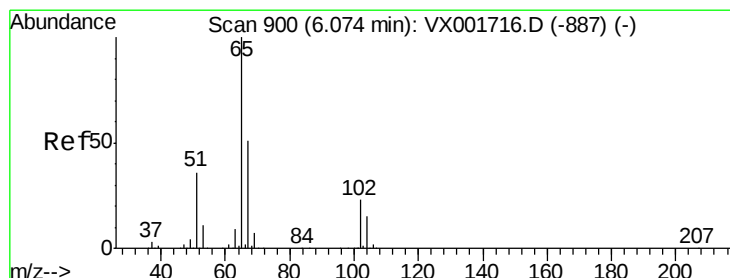
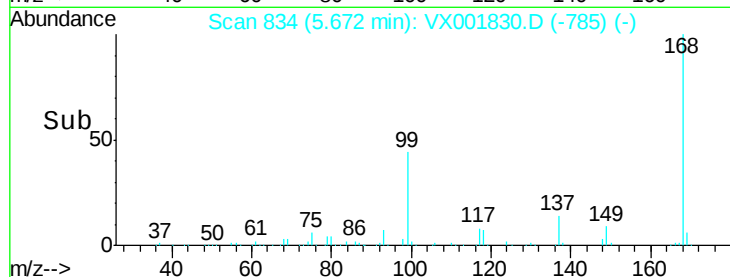
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 56.20 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001830.D

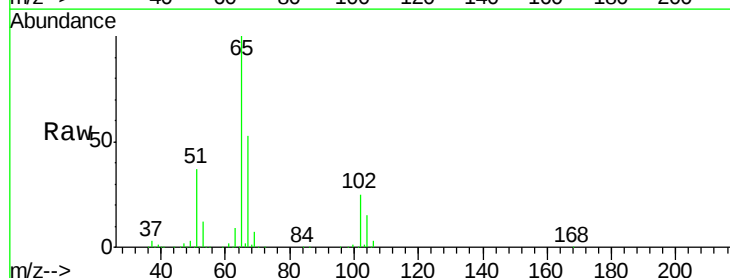
Acq: 18 May 2018 17:07

Tgt Ion: 65 Resp: 230216

Ion Ratio Lower Upper

65 100

67 53.0 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

100000

80000

60000

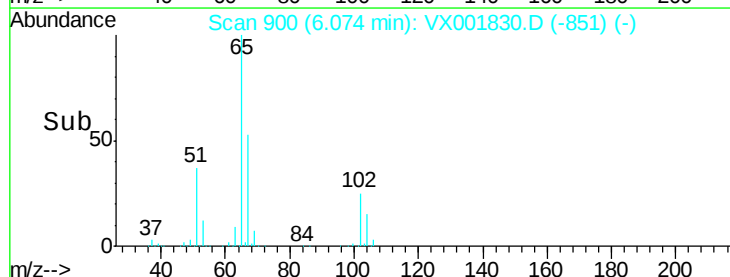
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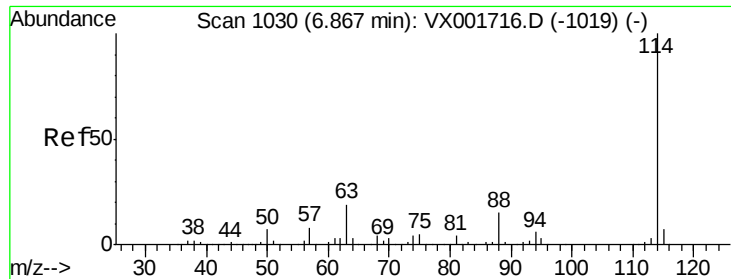
20000

0

Time-->

5.90 6.00 6.10 6.20 6.30

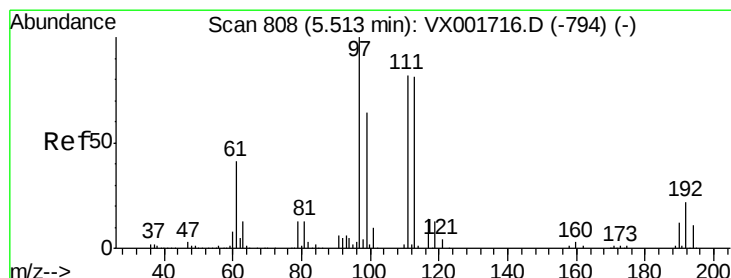
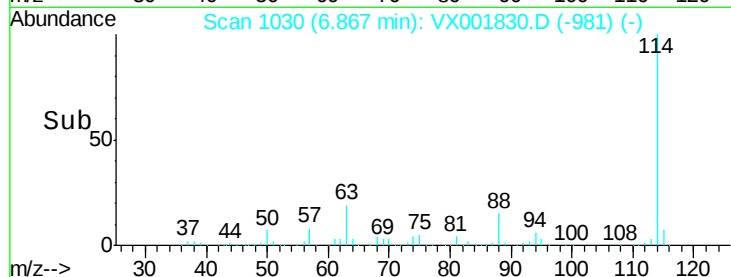
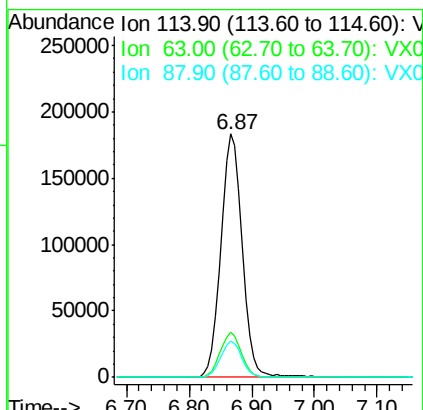
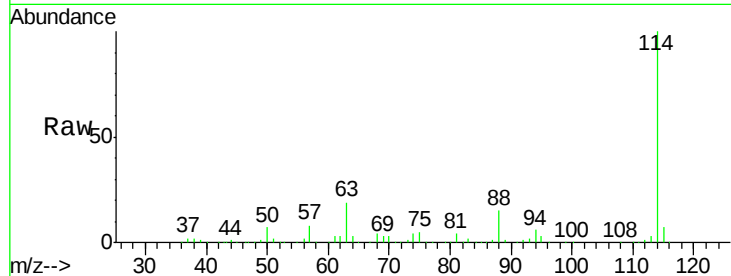




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001830.D
 Acq: 18 May 2018 17:07

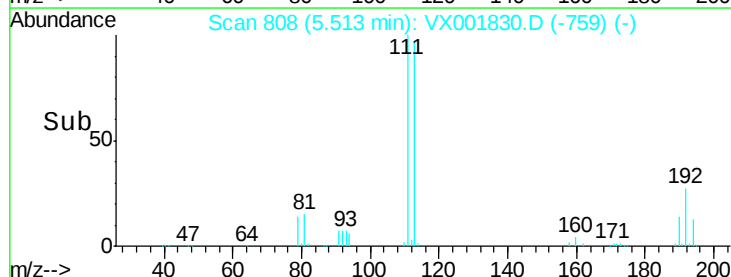
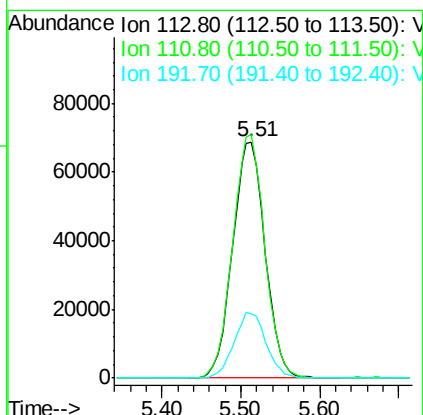
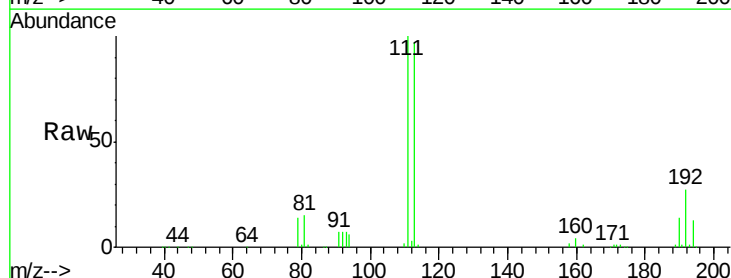
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB07-180507

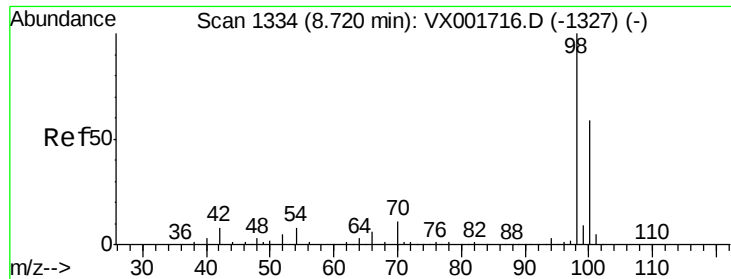
Tot Ion:114 Resp: 433284
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.0
 88 14.8 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 53.92 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001830.D
 Acq: 18 May 2018 17:07

Tgt Ion:113 Resp: 197141
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 27.4 21.6 32.4





#50

Toluene-d8

Concen: 54.16 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

Instrument :

MSVOA_X

ClientSampleId :

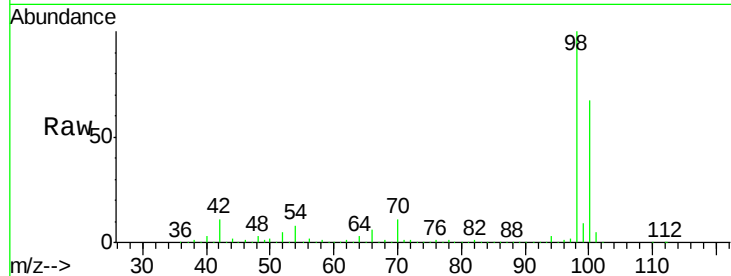
Z3TB07-180507

Tot Ion: 98 Resp: 709213

Ion Ratio Lower Upper

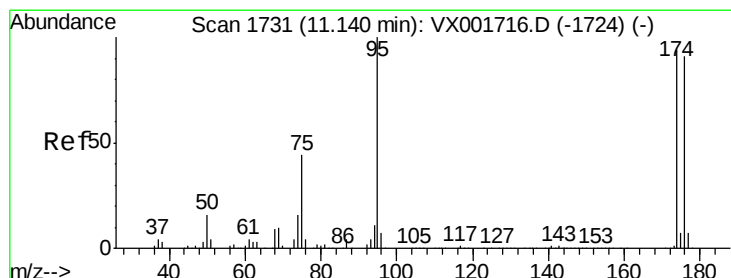
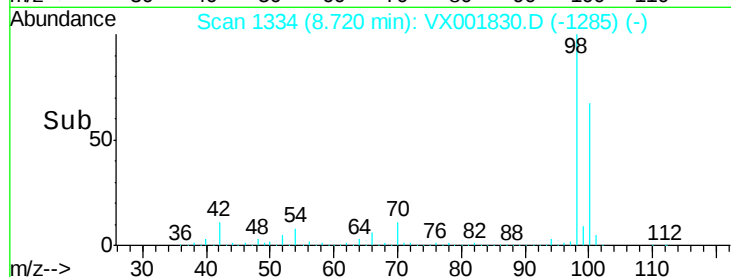
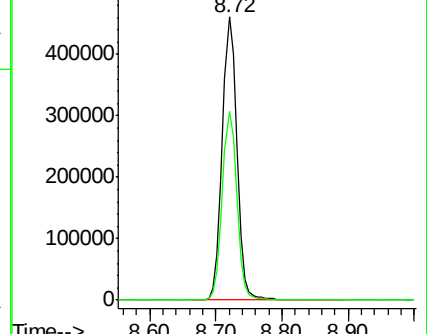
98 100

100 66.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 42.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001830.D

Acq: 18 May 2018 17:07

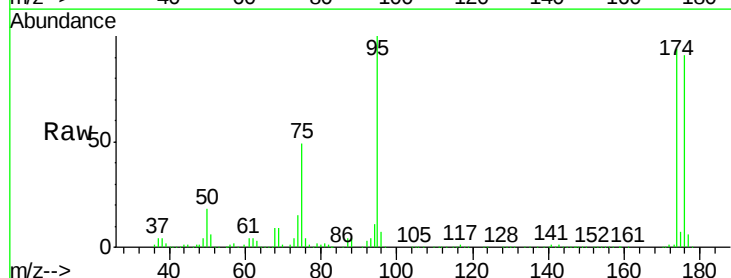
Tgt Ion: 95 Resp: 202488

Ion Ratio Lower Upper

95 100

174 103.6 0.0 201.8

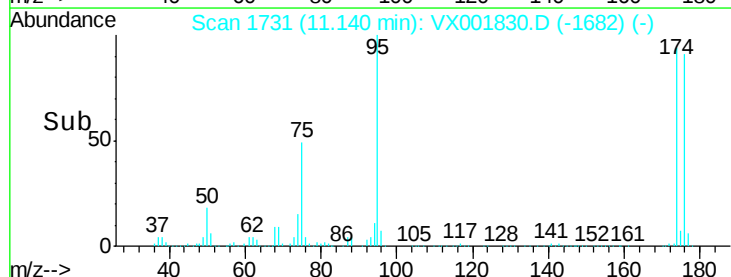
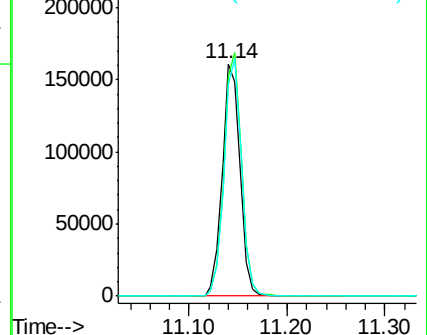
176 100.7 0.0 196.8

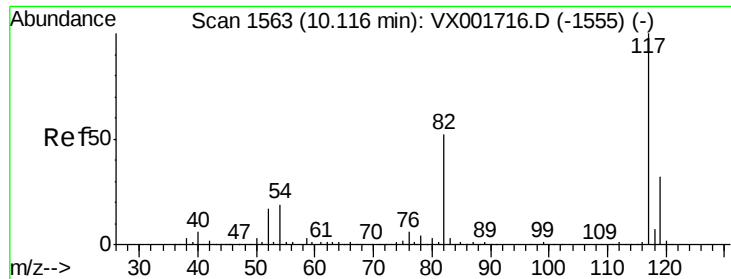


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

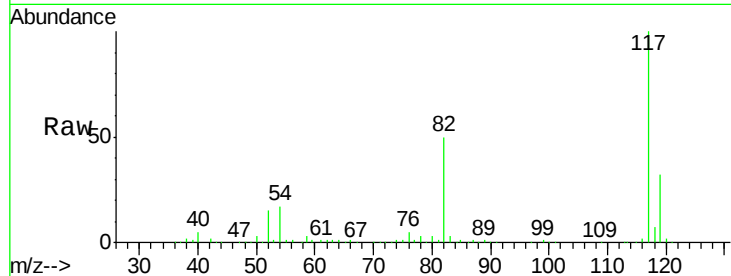




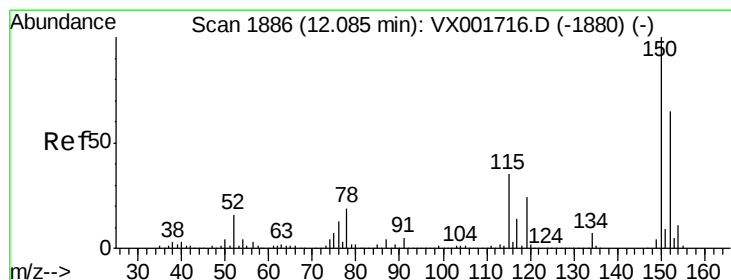
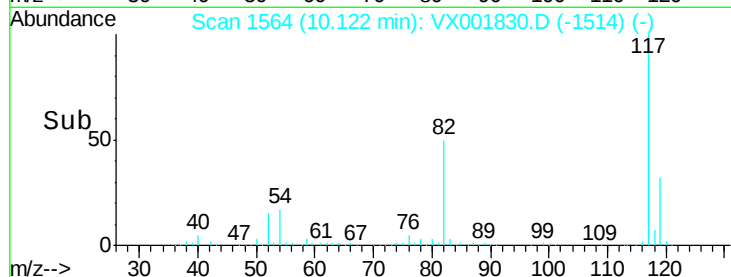
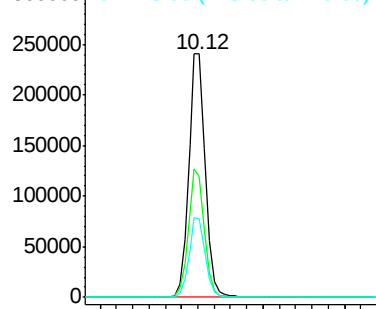
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
Z3TB07-180507

Tot Ion:117 Resp: 343065
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.3 25.6 38.4

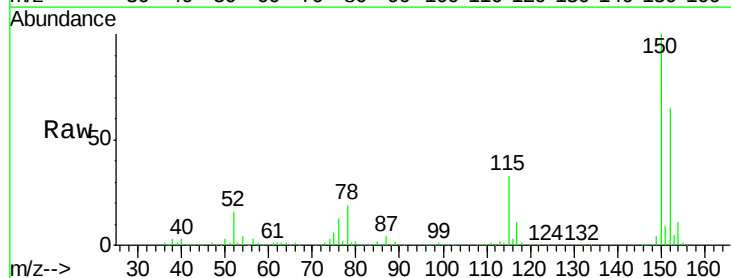


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001830.D
Acq: 18 May 2018 17:07

Tgt Ion:152 Resp: 185208
Ion Ratio Lower Upper
152 100
115 51.6 37.4 112.2
150 155.2 0.0 344.8



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

