

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001835.D
 Acq On : 18 May 2018 19:21
 Operator : JC/MD
 Sample : J2940-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-180515

Quant Time: May 21 10:03:25 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	308526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	439781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187019	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	237945	57.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.08%	
35) Dibromofluoromethane	5.51	113	203280	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
50) Toluene-d8	8.72	98	724264	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
62) 4-Bromofluorobenzene	11.14	95	206460	43.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.28%	

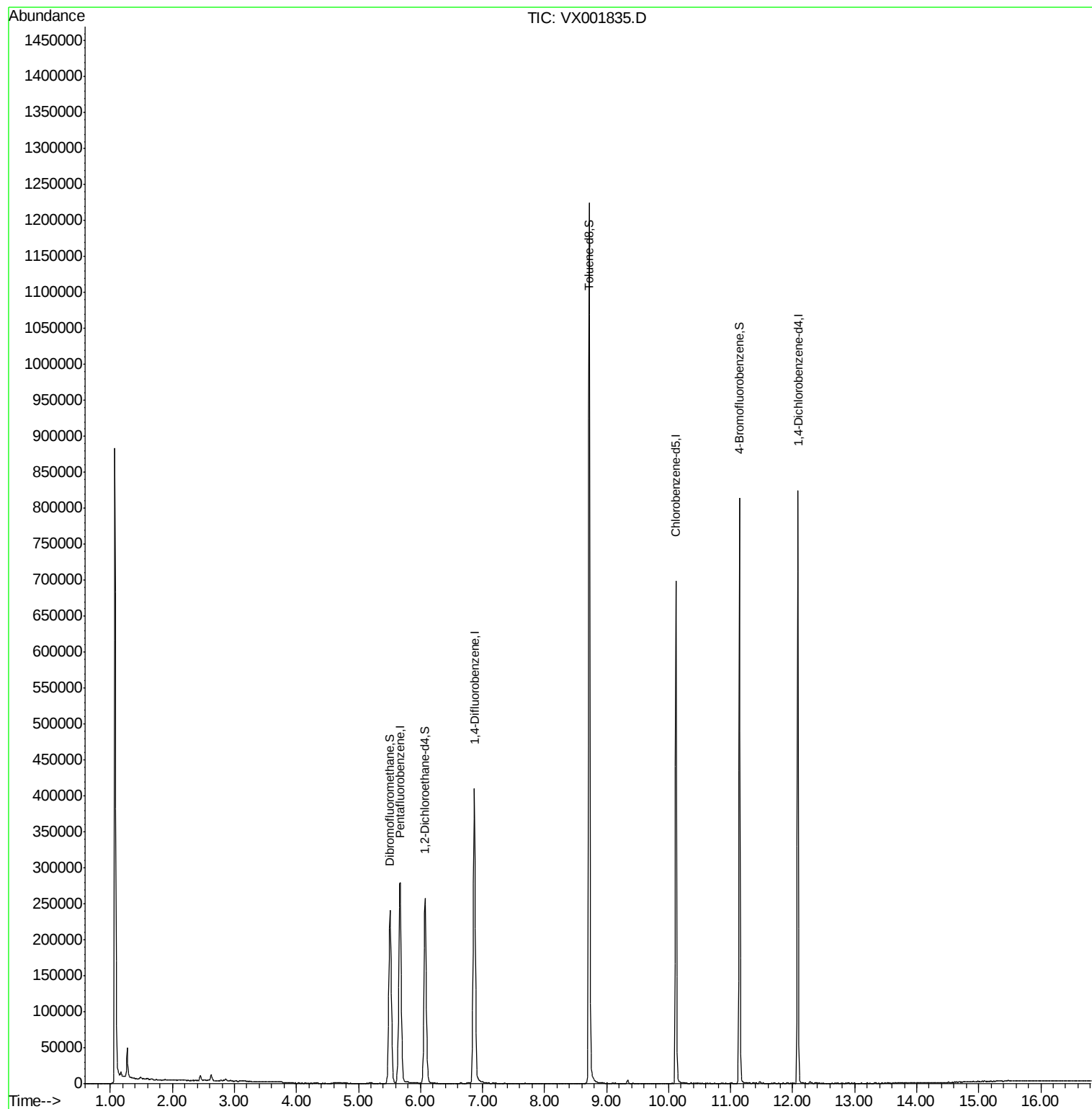
Target Compounds	Qvalue

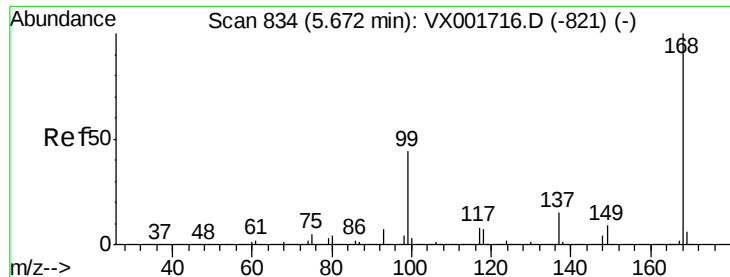
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001835.D

Acq: 18 May 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

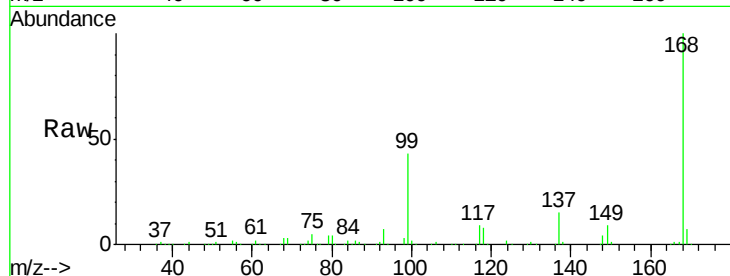
TB-01-180515

Tot Ion:168 Resp: 308526

Ion Ratio Lower Upper

168 100

99 43.4 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

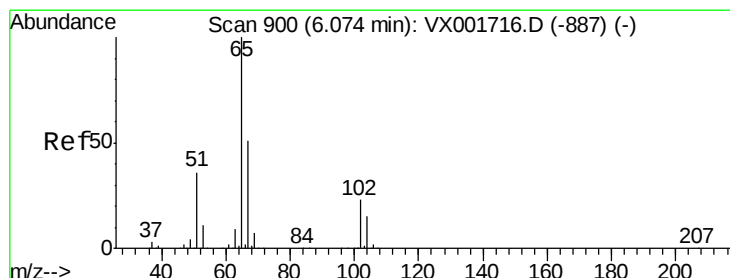
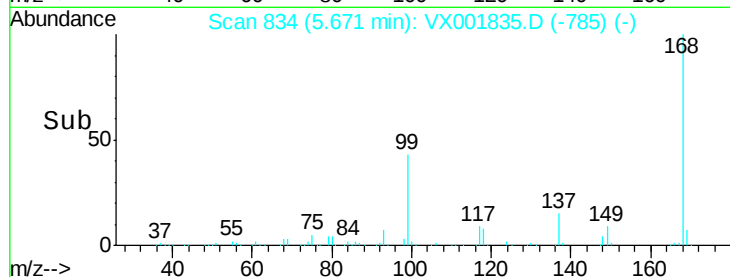
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 57.54 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001835.D

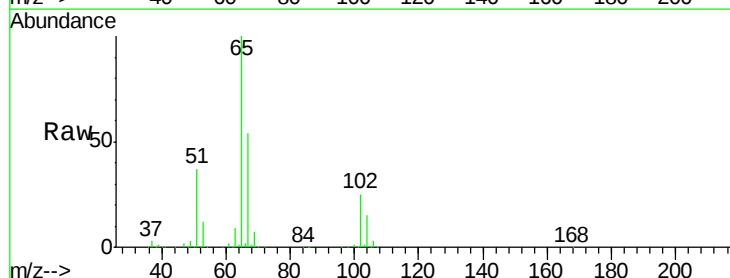
Acq: 18 May 2018 19:21

Tgt Ion: 65 Resp: 237945

Ion Ratio Lower Upper

65 100

67 53.1 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

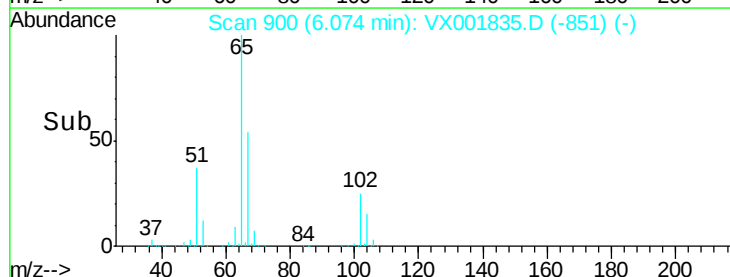
40000

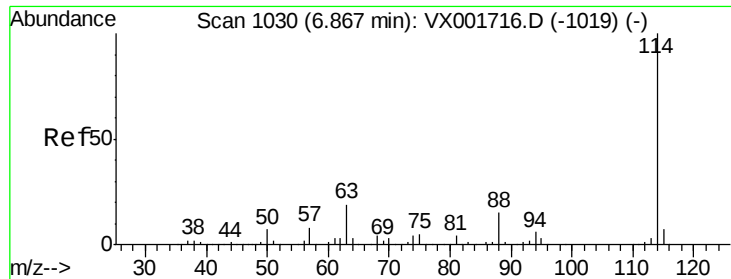
20000

0

Time-->

5.90 6.00 6.10 6.20

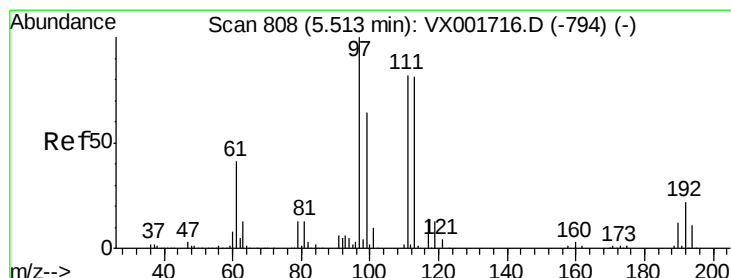
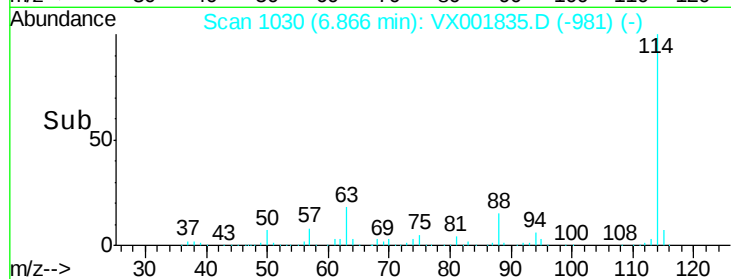
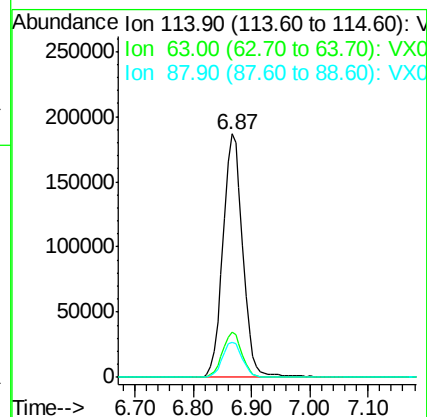
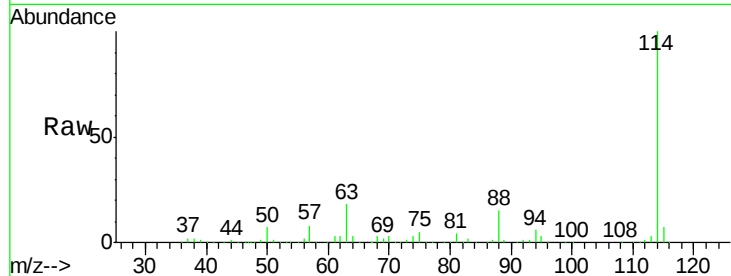




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001835.D
Acq: 18 May 2018 19:21

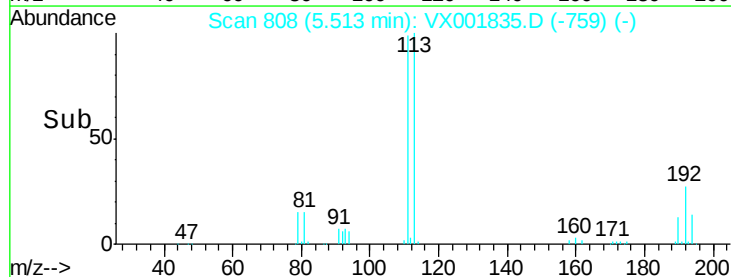
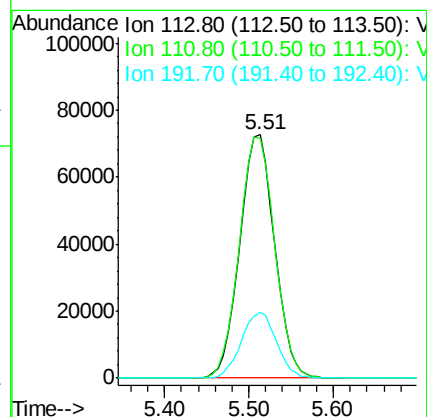
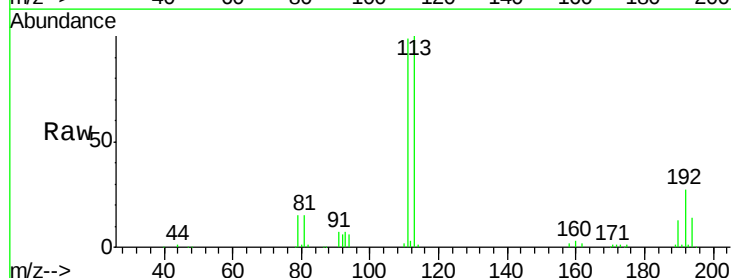
Instrument :
MSVOA_X
ClientSampleId :
TB-01-180515

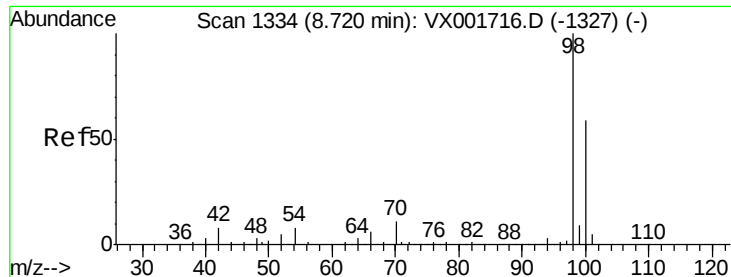
Tot Ion:114 Resp: 439781
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.0
88 14.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 54.77 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001835.D
Acq: 18 May 2018 19:21

Tgt Ion:113 Resp: 203280
Ion Ratio Lower Upper
113 100
111 101.1 82.0 123.0
192 27.3 21.6 32.4





#50

Toluene-d8

Concen: 54.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001835.D

Acq: 18 May 2018 19:21

Instrument :

MSVOA_X

ClientSampleId :

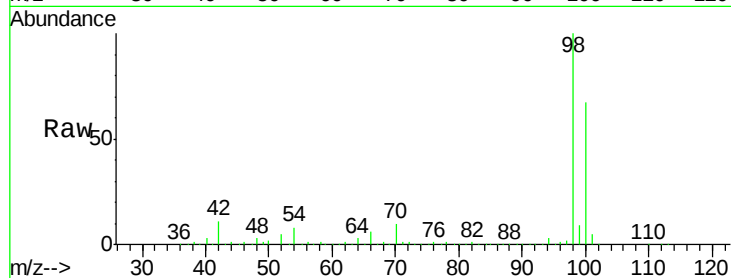
TB-01-180515

Tot Ion: 98 Resp: 724264

Ion Ratio Lower Upper

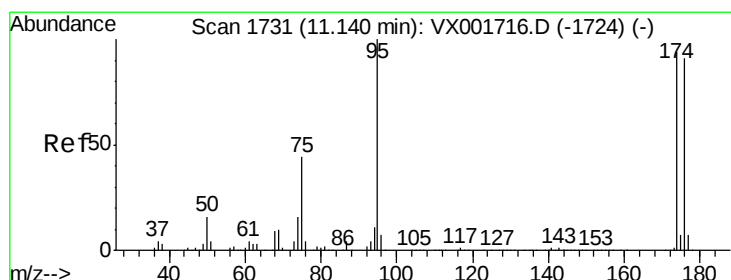
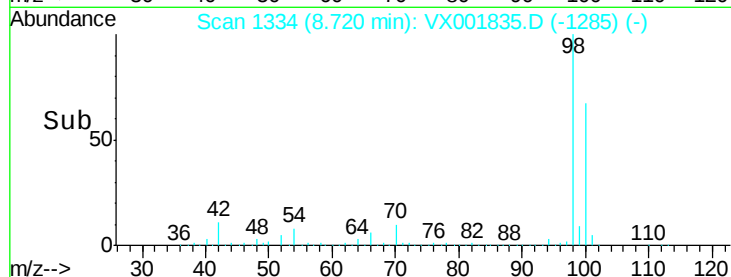
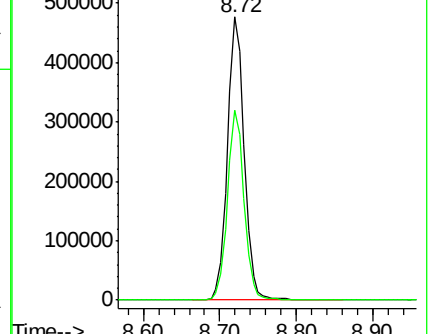
98 100

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: 43.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001835.D

Acq: 18 May 2018 19:21

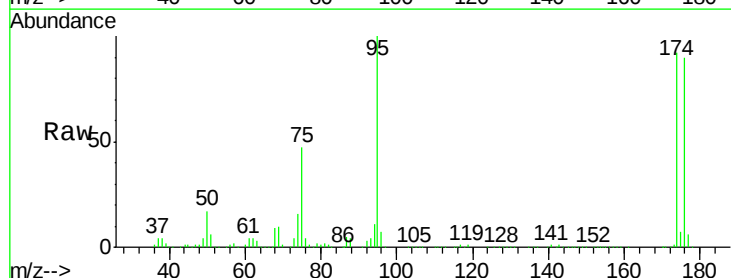
Tgt Ion: 95 Resp: 206460

Ion Ratio Lower Upper

95 100

174 104.8 0.0 201.8

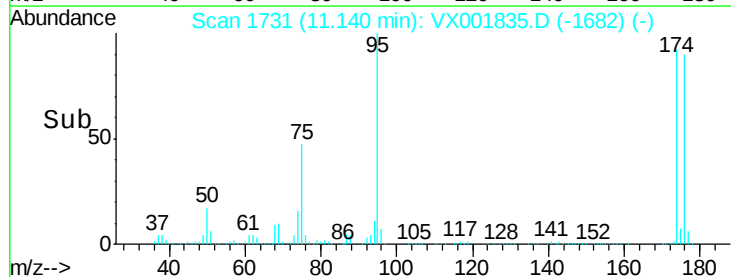
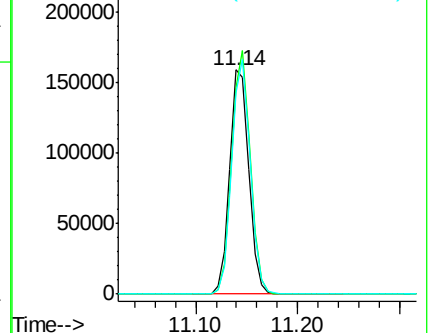
176 100.6 0.0 196.8

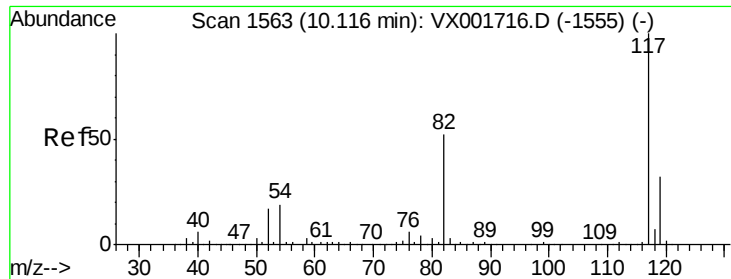


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

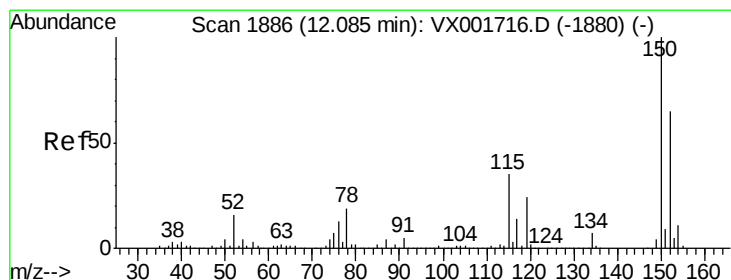
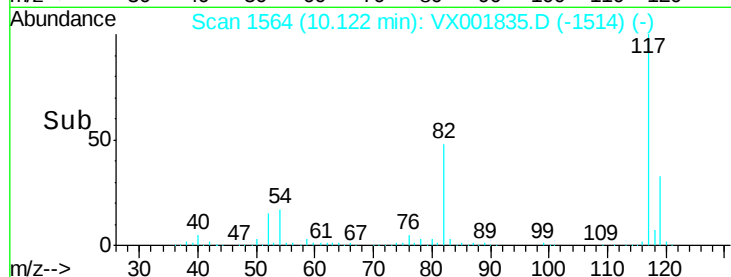
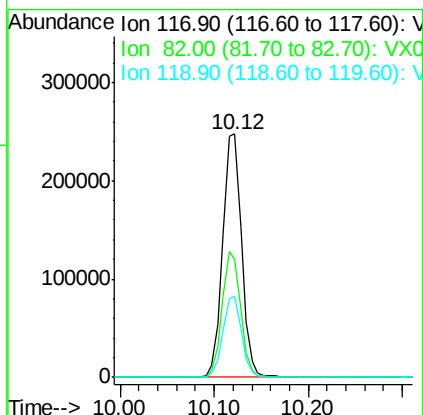
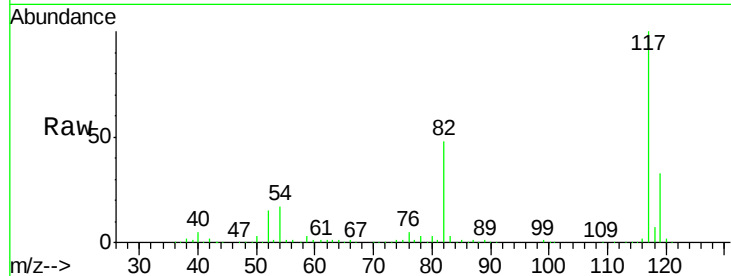




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001835.D
Acq: 18 May 2018 19:21

Instrument :
MSVOA_X
ClientSampleId :
TB-01-180515

Tot Ion:117 Resp: 344915
Ion Ratio Lower Upper
117 100
82 48.4 41.4 62.2
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001835.D
Acq: 18 May 2018 19:21

Tgt Ion:152 Resp: 187019
Ion Ratio Lower Upper
152 100
115 51.6 37.4 112.2
150 154.6 0.0 344.8

