

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001948.D
 Acq On : 24 May 2018 18:29
 Operator : JC/MD
 Sample : J3044-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

Quant Time: May 25 04:01:04 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	342249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	517589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	468137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	262205	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	
35) Dibromofluoromethane	5.51	113	204042	39.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.84%	
50) Toluene-d8	8.72	98	737744	39.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.74%	
62) 4-Bromofluorobenzene	11.14	95	269775	36.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.60%	

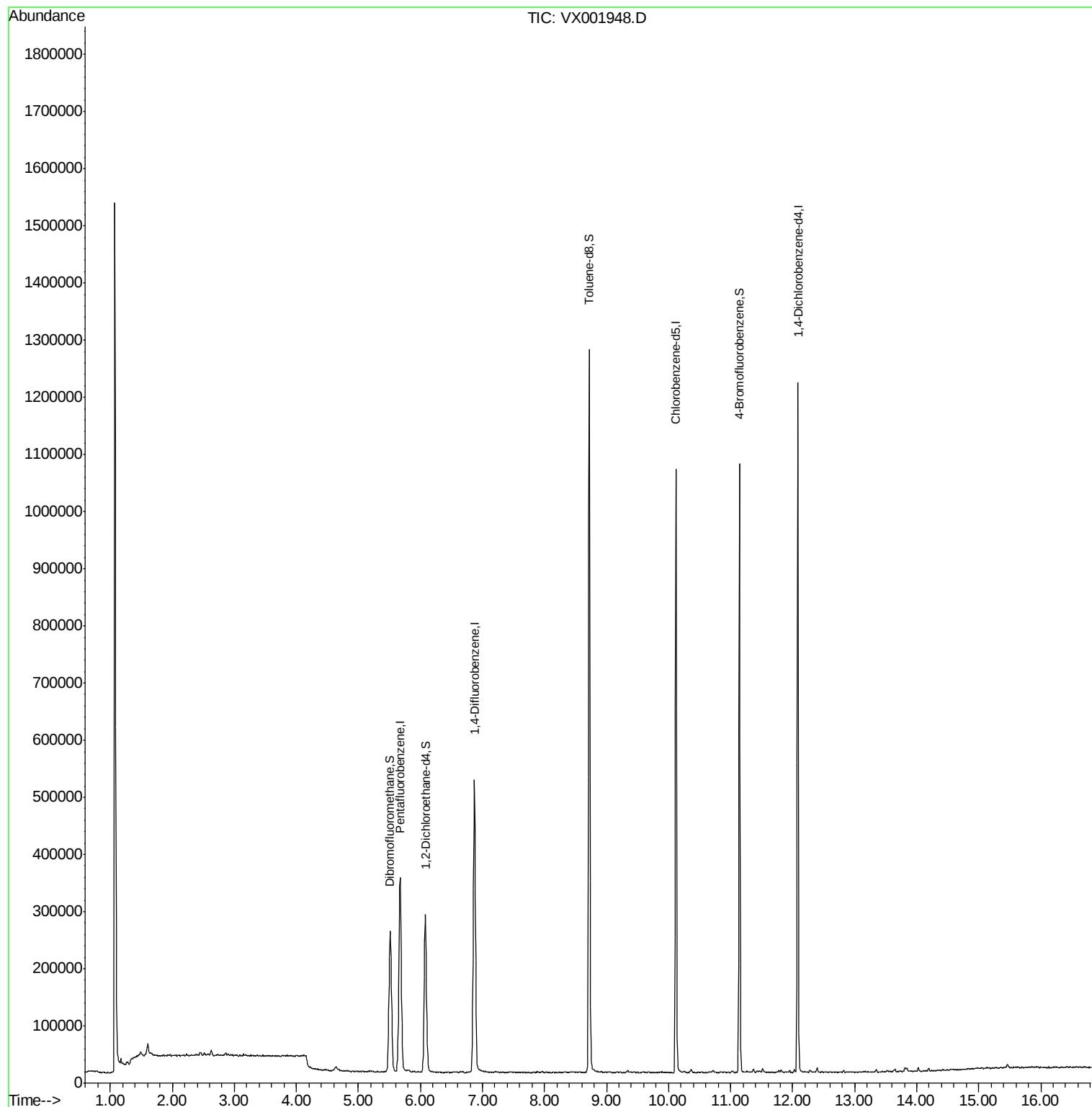
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
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: VX001948.D

Acq: 24 May 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

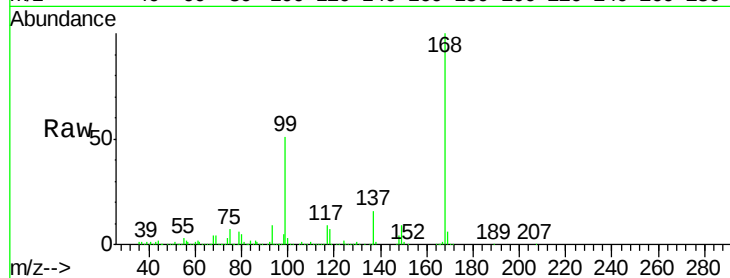
STORAGEBLANK-WATERREF-4

Tot Ion:168 Resp: 342249

Ion Ratio Lower Upper

168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

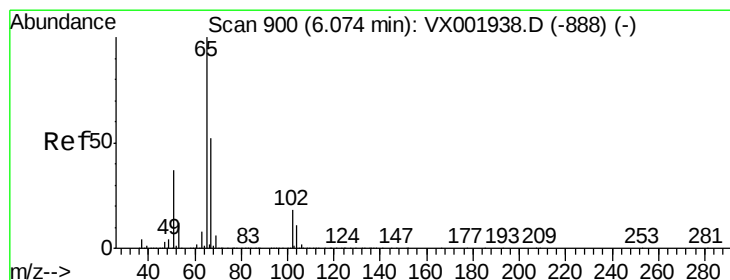
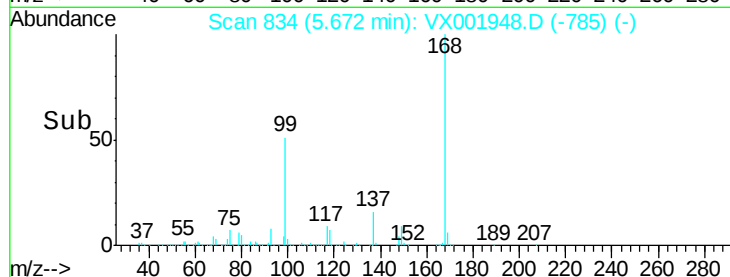
5.67

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.86 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001948.D

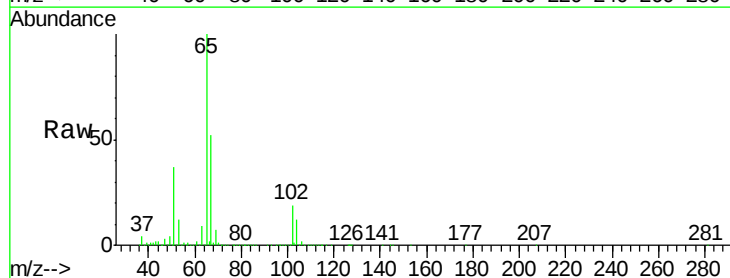
Acq: 24 May 2018 18:29

Tgt Ion: 65 Resp: 262205

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

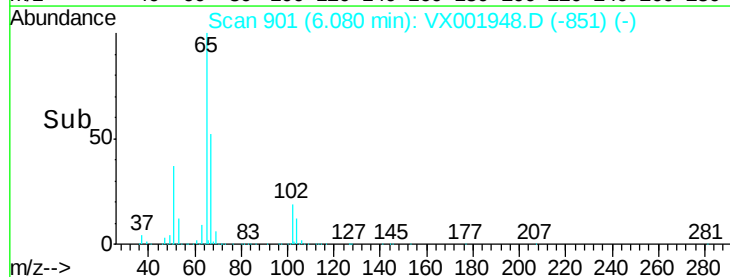
60000

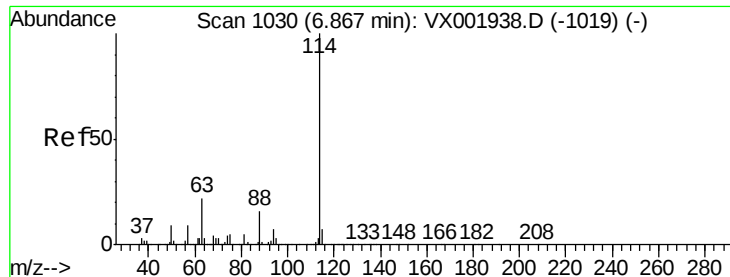
40000

20000

0

Time-->

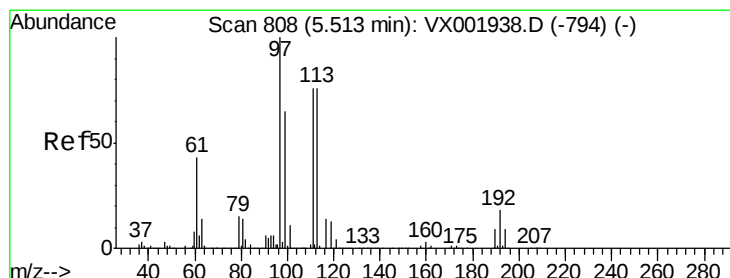
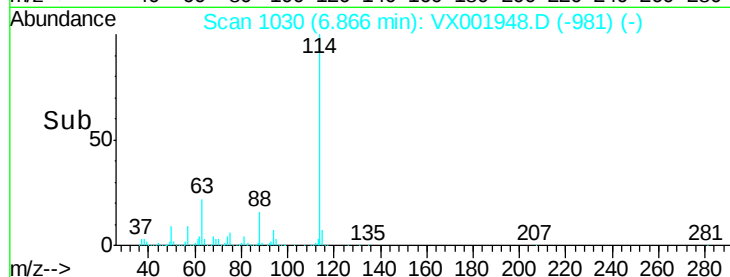
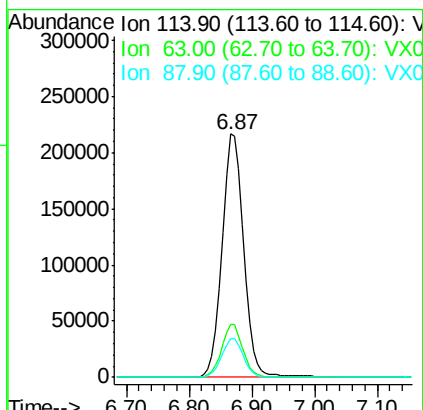
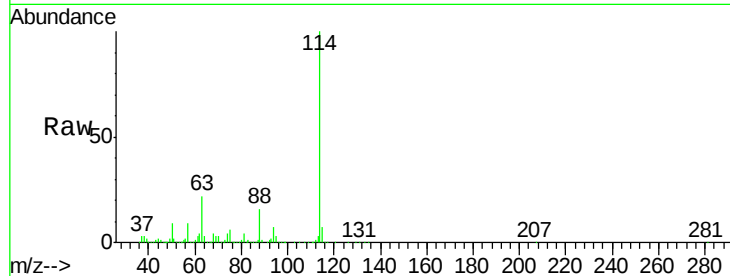




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001948.D
 Acq: 24 May 2018 18:29

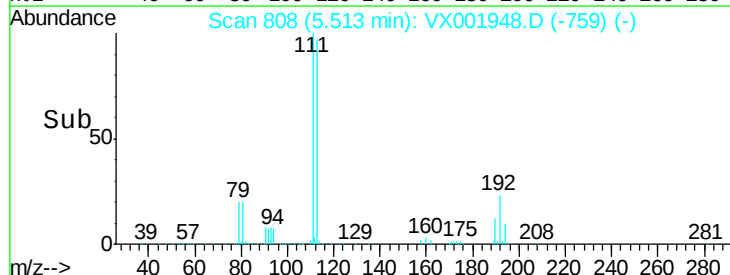
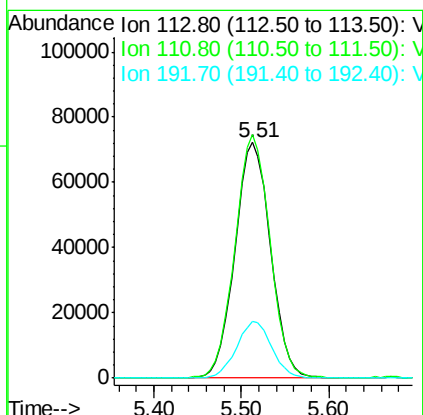
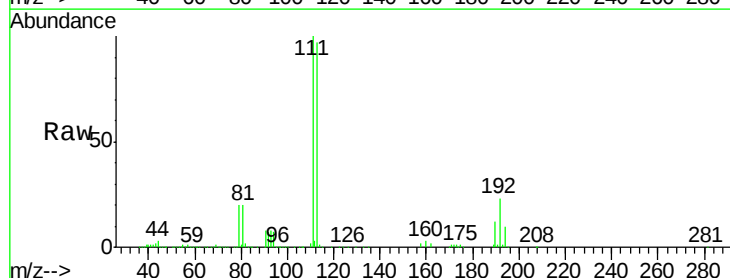
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

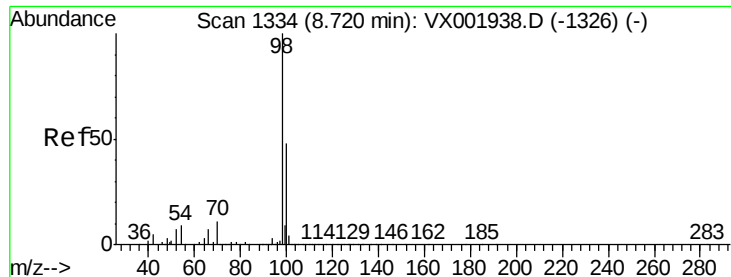
Tot Ion:114 Resp: 517589
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.9 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 39.42 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001948.D
 Acq: 24 May 2018 18:29

Tgt Ion:113 Resp: 204042
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 23.8 18.9 28.3





#50

Toluene-d8

Concen: 39.37 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001948.D

Acq: 24 May 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

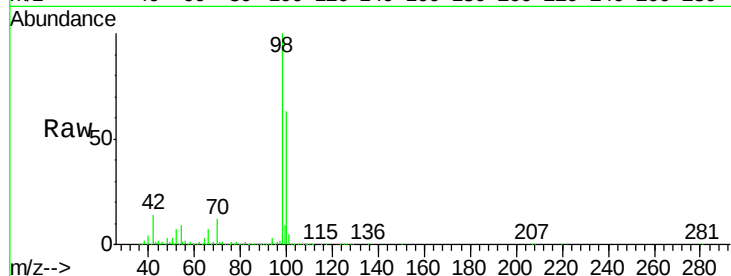
STORAGEBLANK-WATERREF-4

Tot Ion: 98 Resp: 737744

Ion Ratio Lower Upper

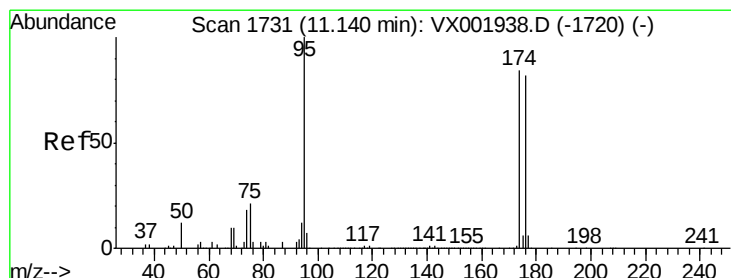
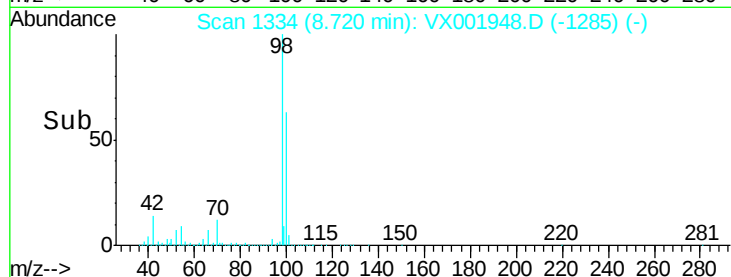
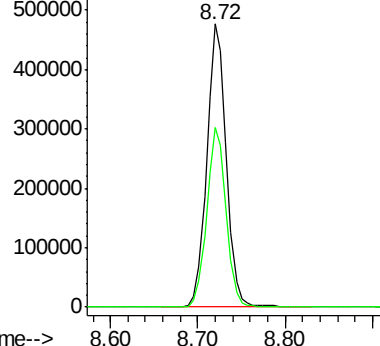
98 100

100 63.7 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: 36.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001948.D

Acq: 24 May 2018 18:29

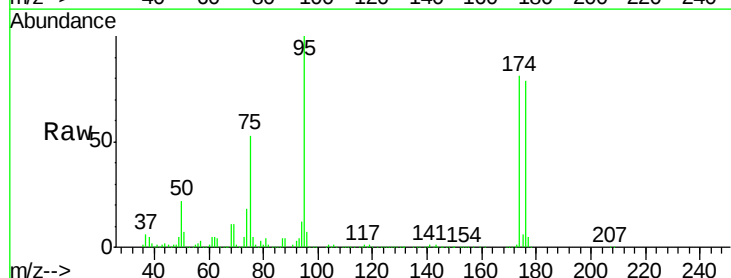
Tgt Ion: 95 Resp: 269775

Ion Ratio Lower Upper

95 100

174 88.9 0.0 178.8

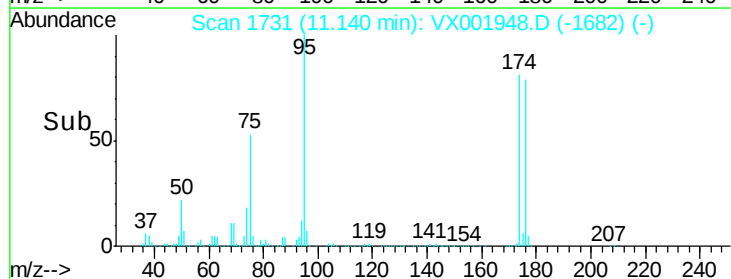
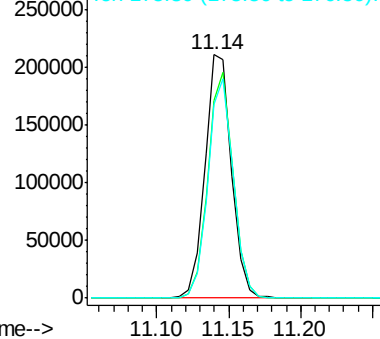
176 87.3 0.0 175.6

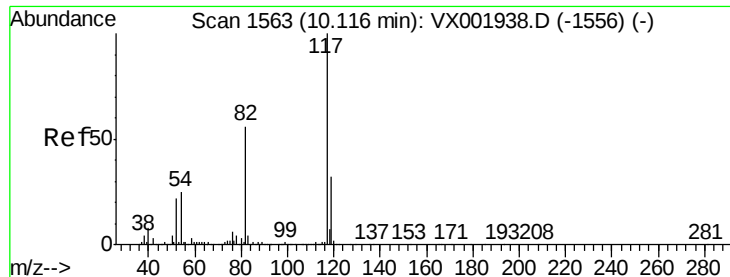


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

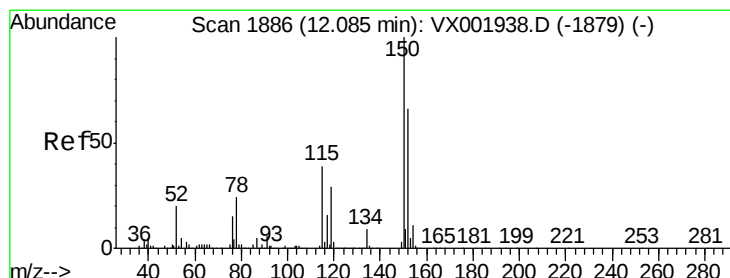
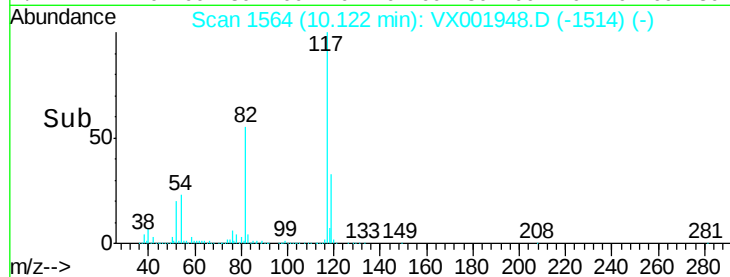
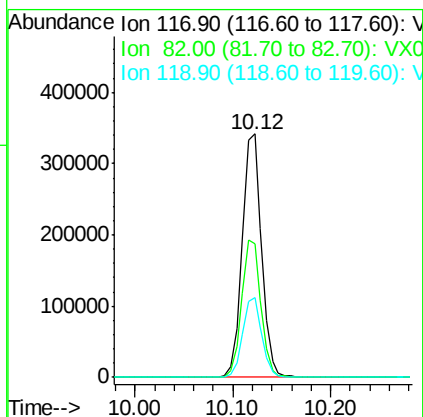
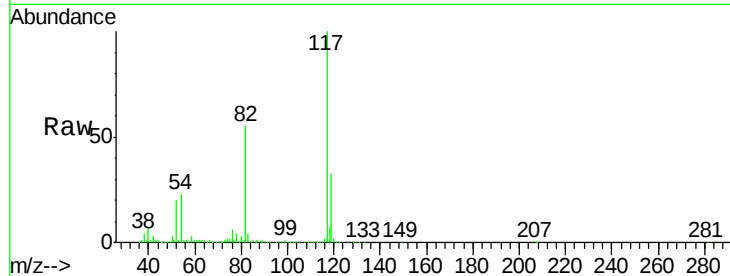




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001948.D
Acq: 24 May 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-WATERREF-4

Tot Ion:117 Resp: 468137
Ion Ratio Lower Upper
117 100
82 54.9 44.8 67.2
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001948.D
Acq: 24 May 2018 18:29

Tgt Ion:152 Resp: 245425
Ion Ratio Lower Upper
152 100
115 56.0 42.3 126.8
150 154.6 0.0 351.0

