

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004676.D
 Acq On : 19 Sep 2018 00:16
 Operator : JC/MD
 Sample : J4913-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20180911DL

Quant Time: Sep 19 08:37:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202299	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155704	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.51	113	148492	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	8.71	98	488756	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.14	95	172391	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	

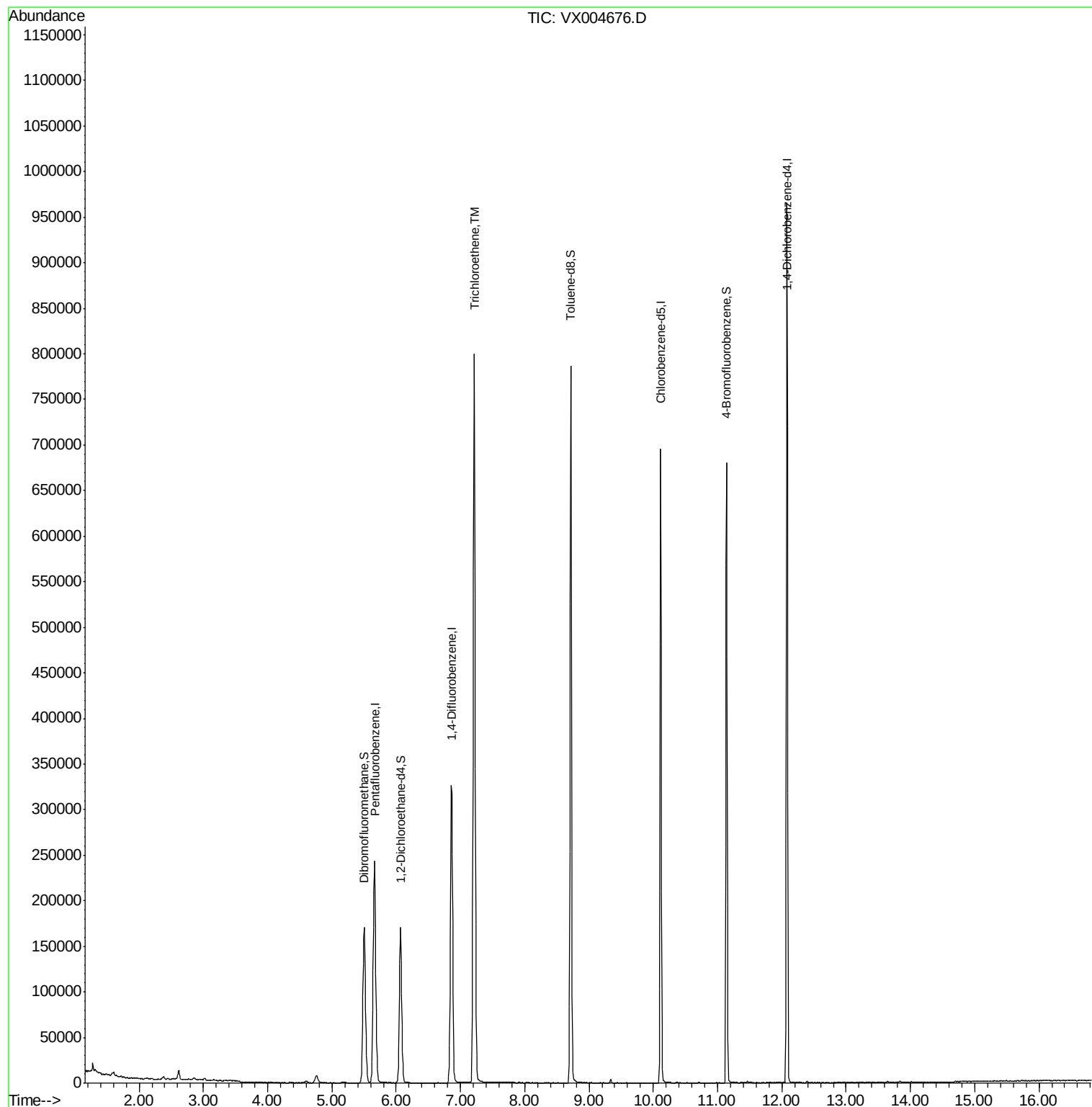
Target Compounds						Qvalue
44) Trichloroethene	7.21	130	332809	101.43	ug/l	98

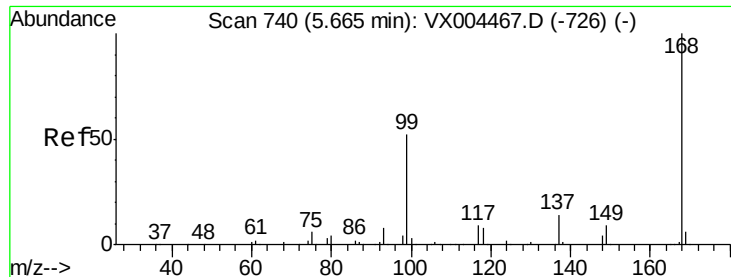
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004676.D

Acq: 19 Sep 2018 00:16

Instrument :

MSVOA_X

ClientSampleId :

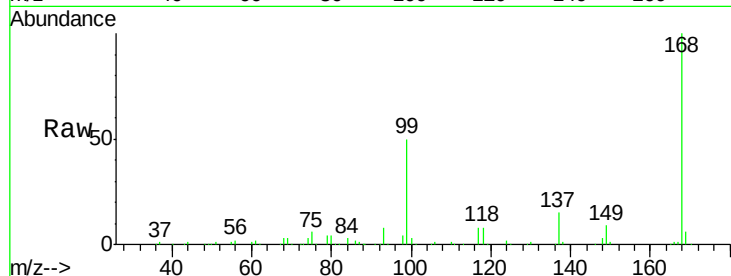
BPS1-TT-MW305I-20180911DL

Tot Ion:168 Resp: 253500

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

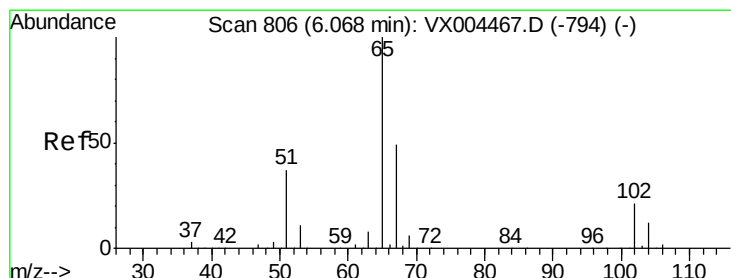
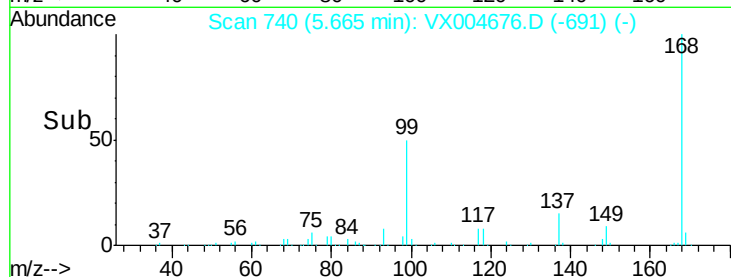
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.64 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004676.D

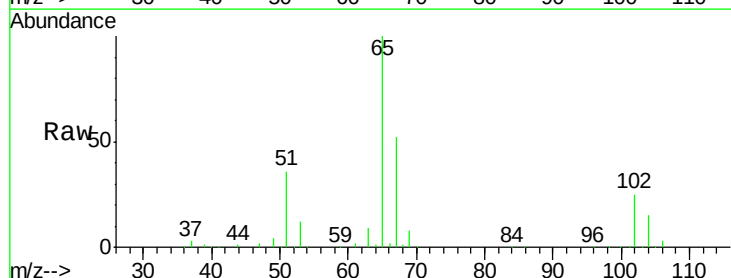
Acq: 19 Sep 2018 00:16

Tgt Ion: 65 Resp: 155704

Ion Ratio Lower Upper

65 100

67 54.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

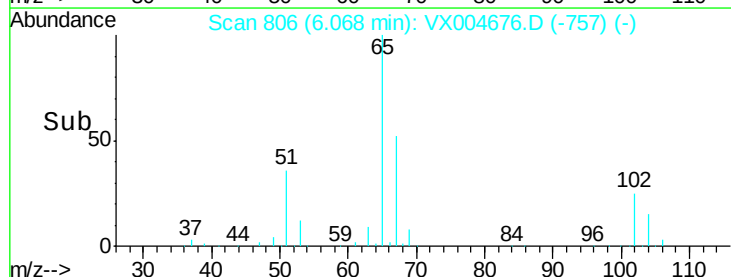
60000

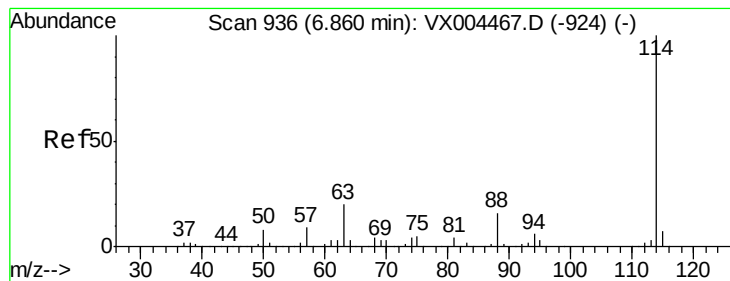
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004676.D

Acq: 19 Sep 2018 00:16

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20180911DL

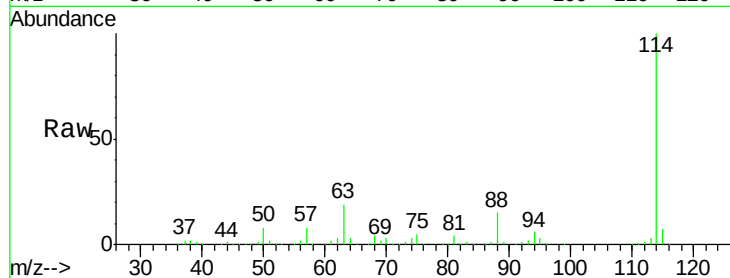
Tot Ion:114 Resp: 350625

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

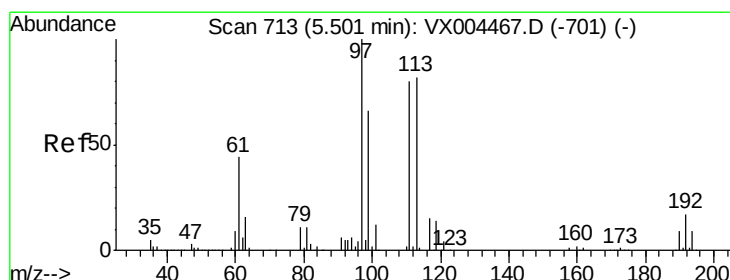
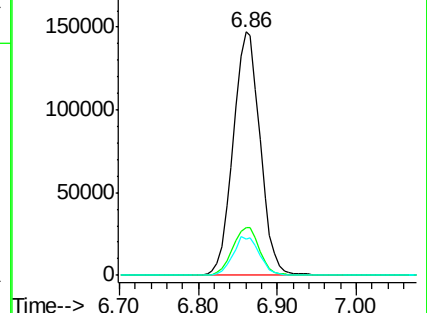
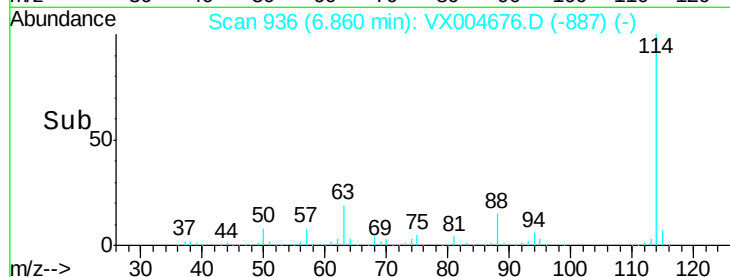
88 15.0 0.0 30.4



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: 46.28 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004676.D

Acq: 19 Sep 2018 00:16

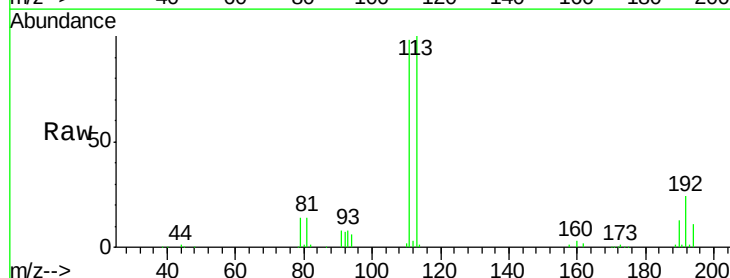
Tgt Ion:113 Resp: 148492

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

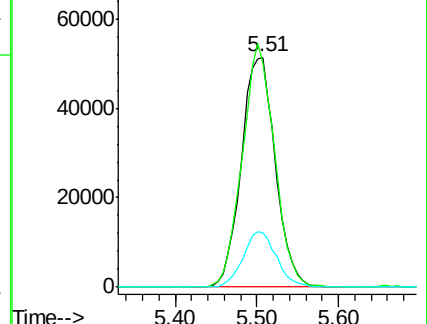
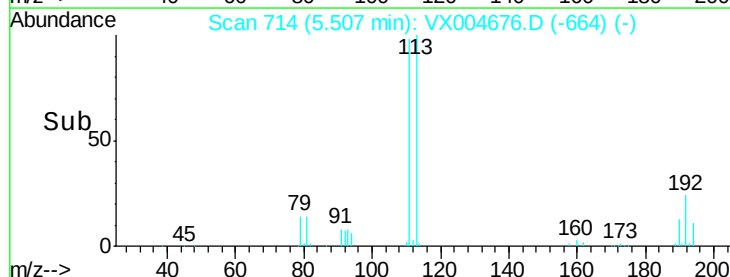
192 23.7 19.4 29.2

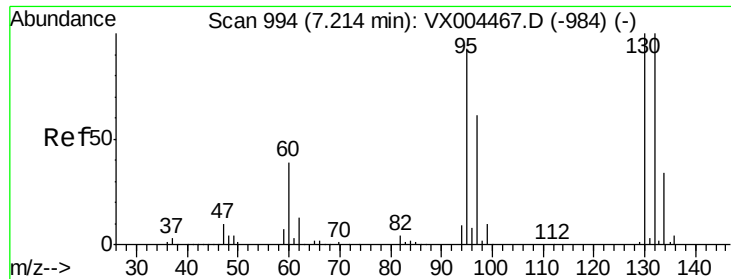


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 101.43 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004676.D

Acq: 19 Sep 2018 00:16

Instrument :

MSVOA_X

ClientSampleId :

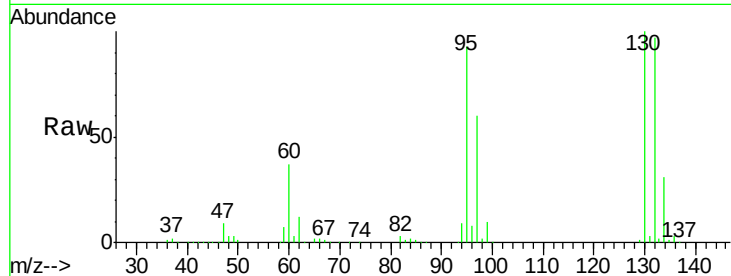
BPS1-TT-MW305I-20180911DL

Tot Ion:130 Resp: 332809

Ion Ratio Lower Upper

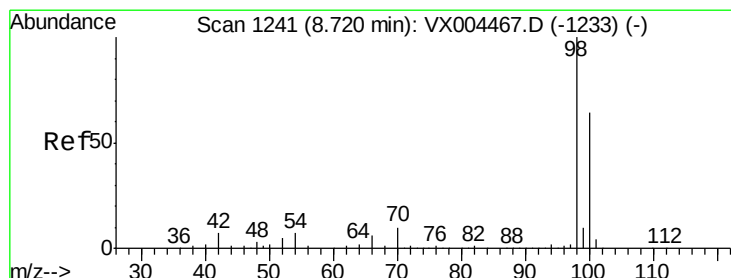
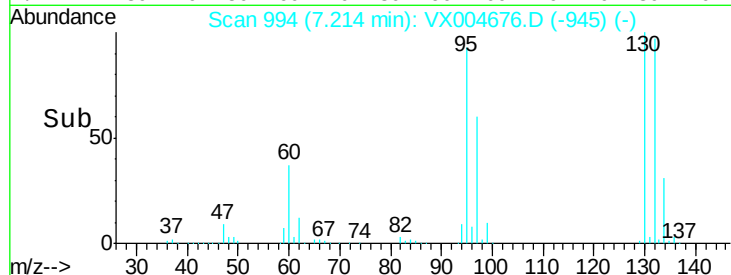
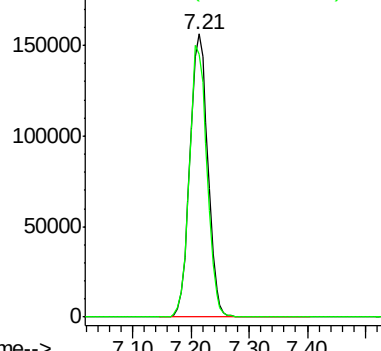
130 100

95 92.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 45.42 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004676.D

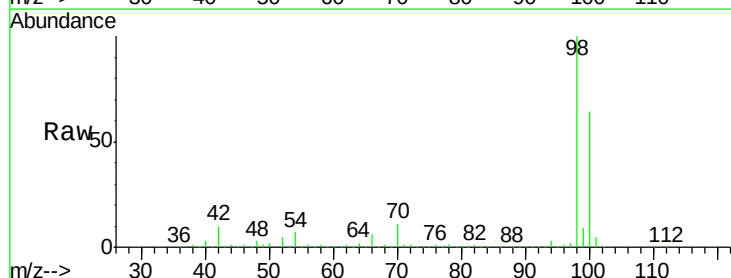
Acq: 19 Sep 2018 00:16

Tgt Ion: 98 Resp: 488756

Ion Ratio Lower Upper

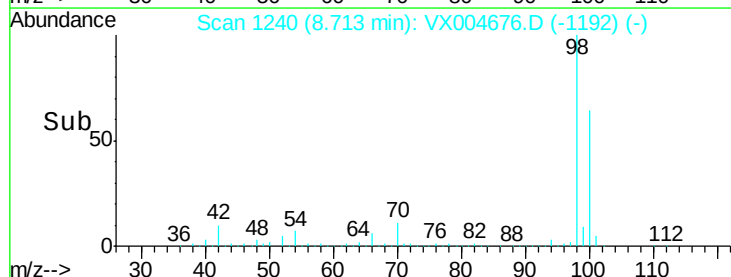
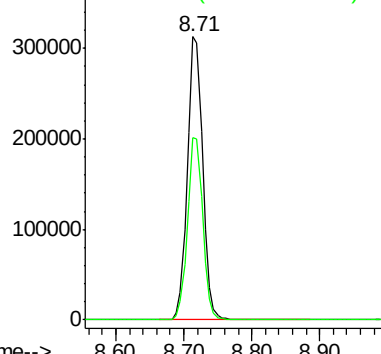
98 100

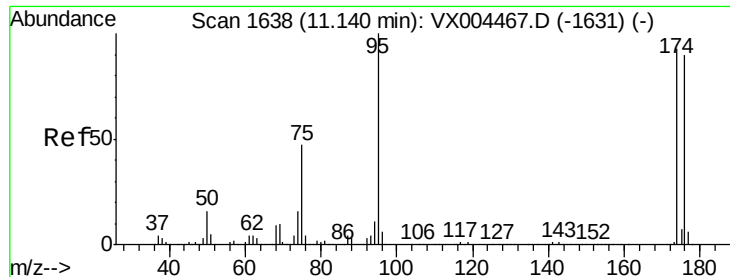
100 64.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

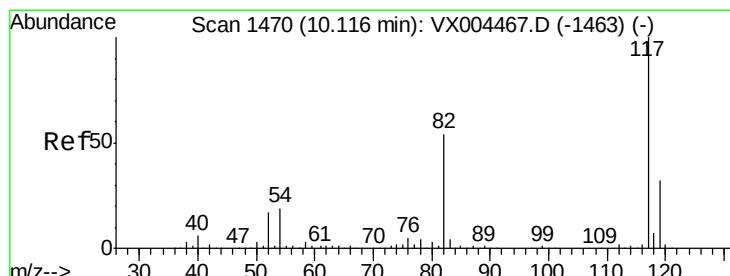
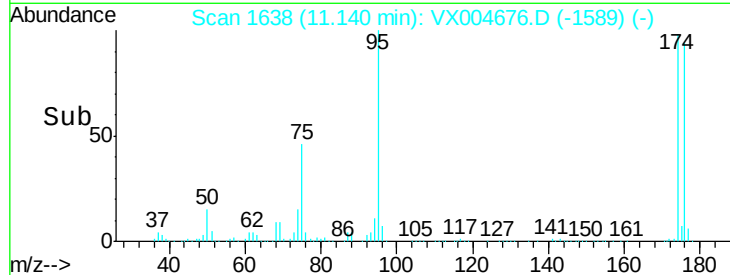
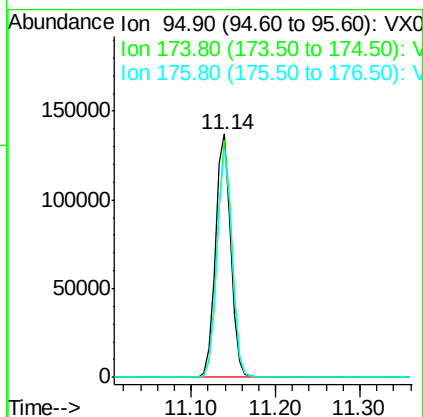
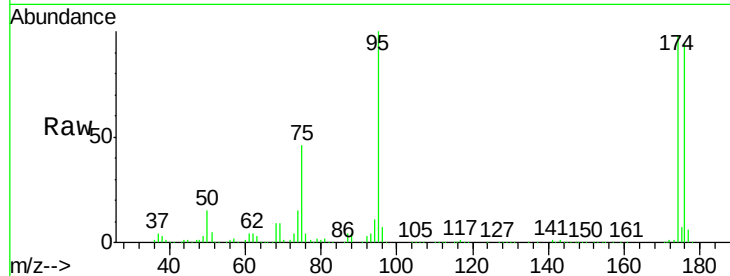




#62
4-Bromofluorobenzene
Concen: 44.88 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004676.D
Acq: 19 Sep 2018 00:16

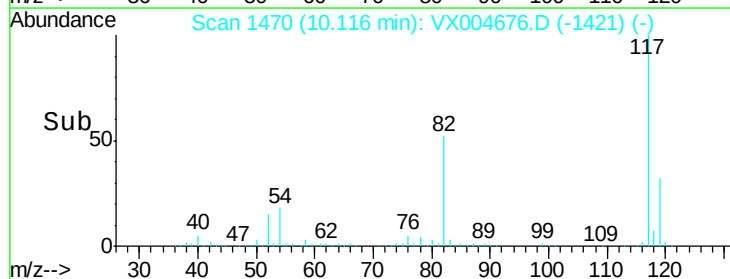
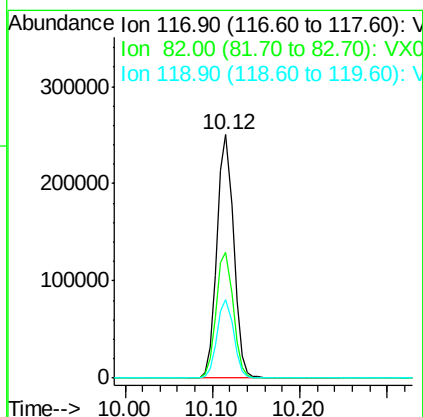
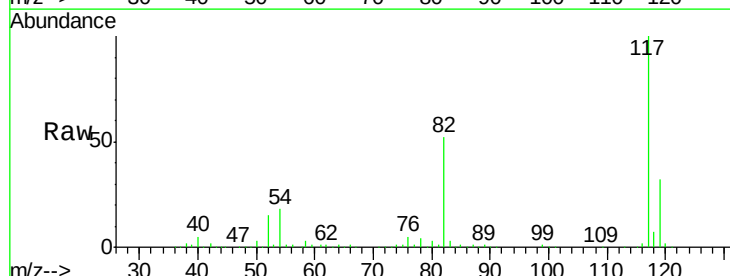
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305I-20180911DL

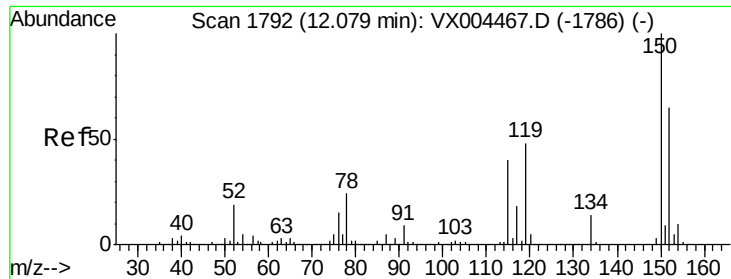
Tot Ion: 95 Resp: 172391
Ion Ratio Lower Upper
95 100
174 94.9 0.0 185.2
176 92.0 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004676.D
Acq: 19 Sep 2018 00:16

Tgt Ion: 117 Resp: 330220
Ion Ratio Lower Upper
117 100
82 51.7 47.8 71.6
119 32.5 29.3 43.9

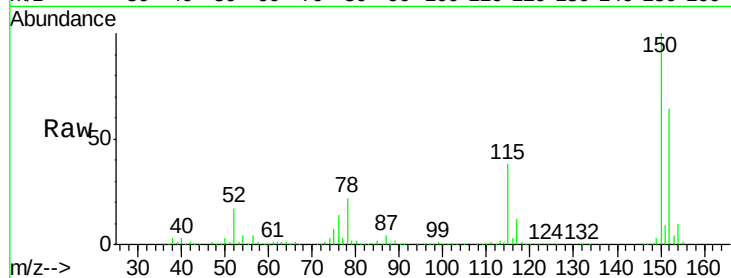




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004676.D
 Acq: 19 Sep 2018 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20180911DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.0	117.0
150	157.1	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

