

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006526.D
 Acq On : 14 Dec 2018 19:11
 Operator : JC/MD
 Sample : J6396-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14B_R1

Quant Time: Dec 17 12:50:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	659862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1058668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	966704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	364053	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
35) Dibromofluoromethane	5.51	113	315139	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.71	98	1243774	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	459833	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

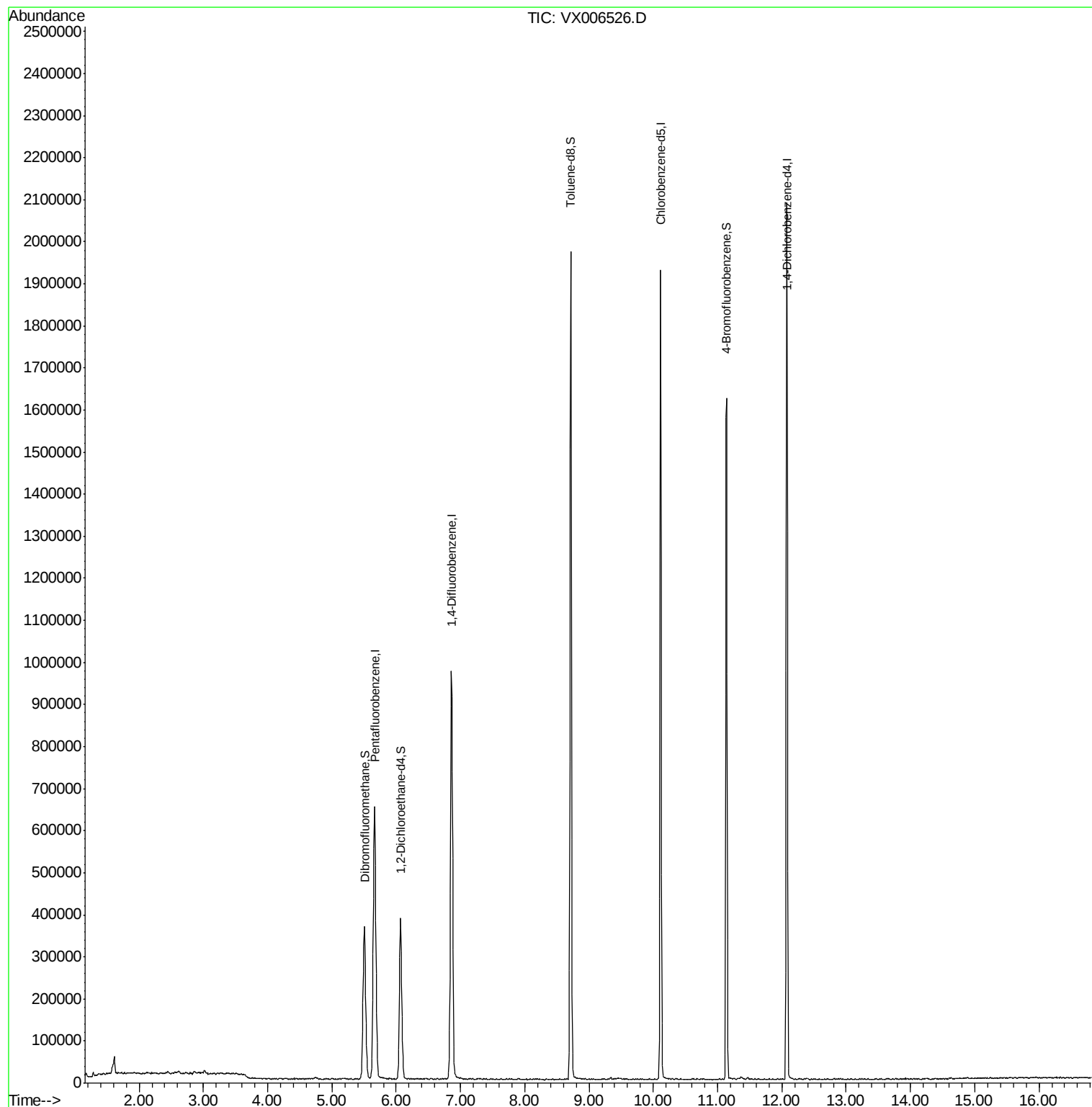
Target Compounds	Qvalue

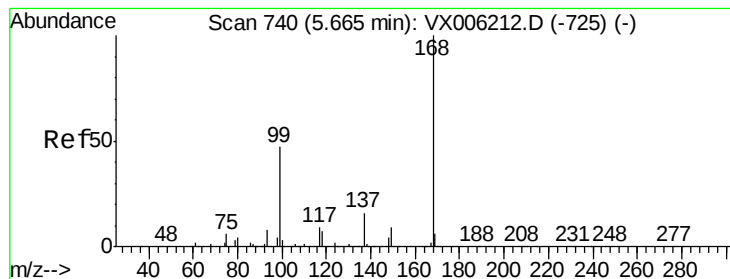
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampled :

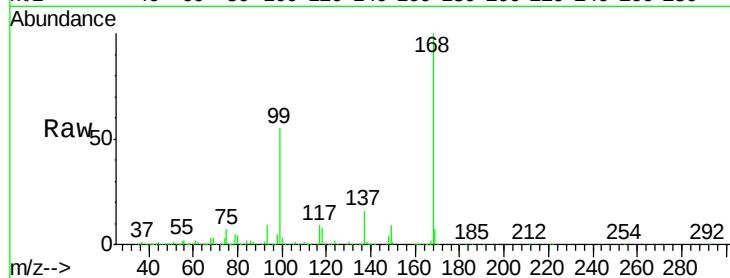
MW-14B_R1

Tgt Ion:168 Resp: 659862

Ion Ratio Lower Upper

168 100

99 54.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

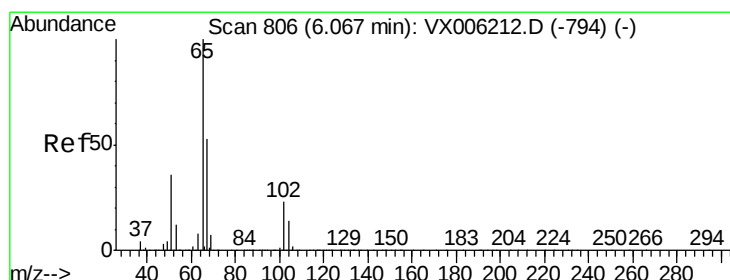
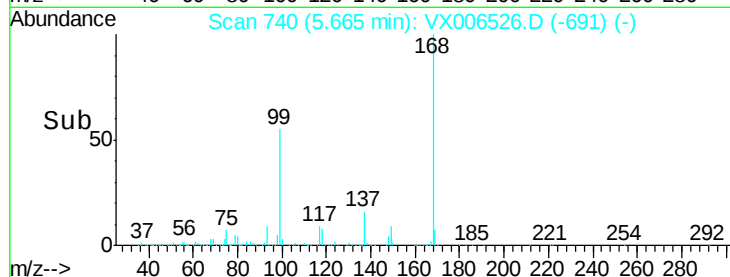
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 54.045 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006526.D

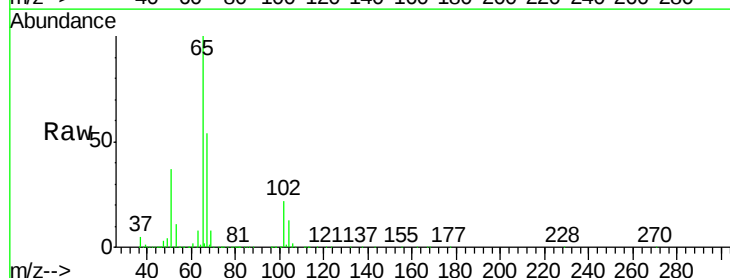
Acq: 14 Dec 2018 19:11

Tgt Ion: 65 Resp: 364053

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

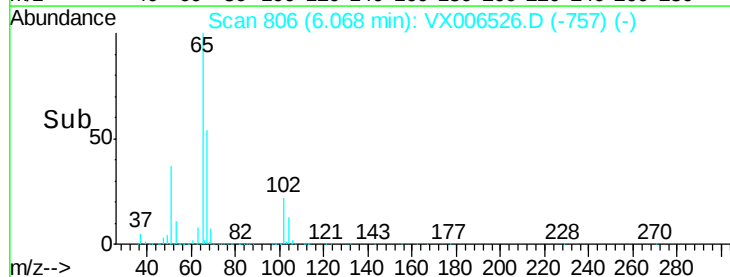
100000

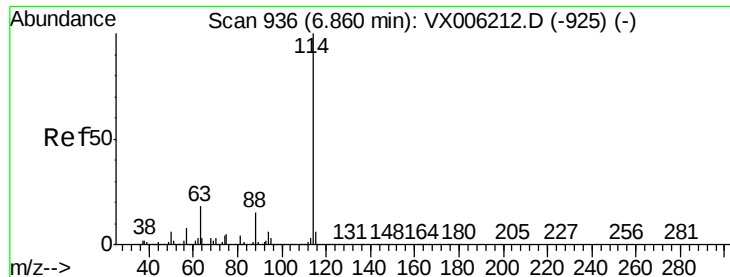
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

MW-14B_R1

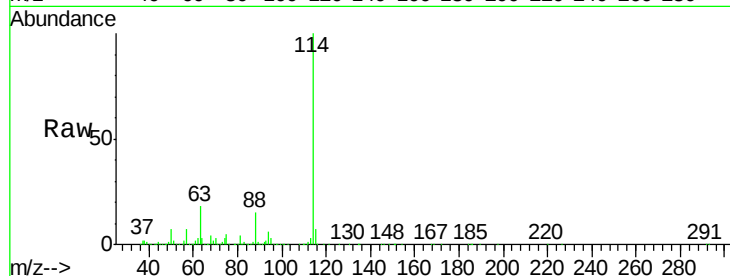
Tgt Ion:114 Resp: 1058668

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

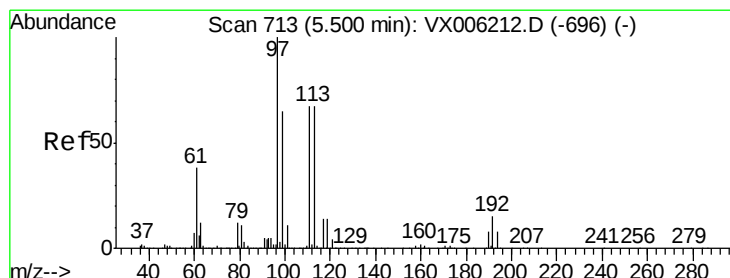
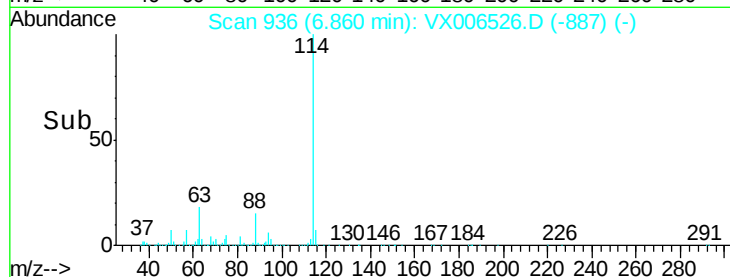
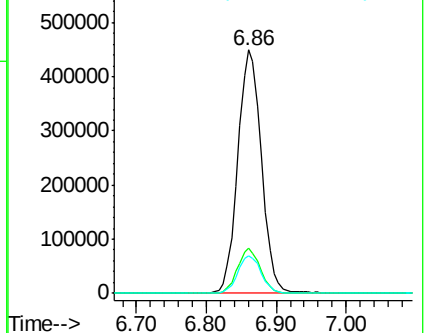
88 15.4 0.0 29.0



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: 45.976 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

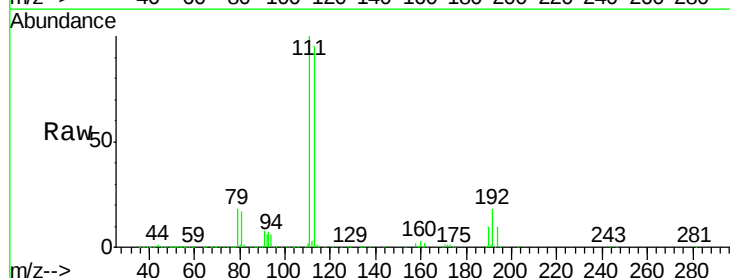
Tgt Ion:113 Resp: 315139

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

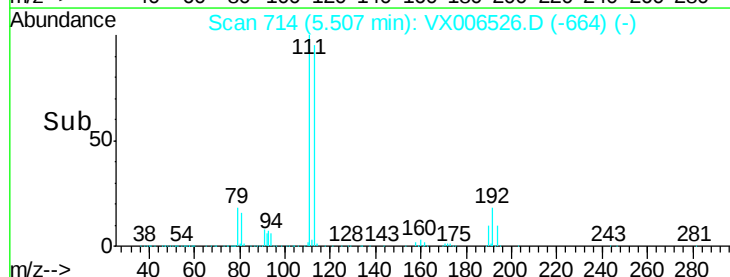
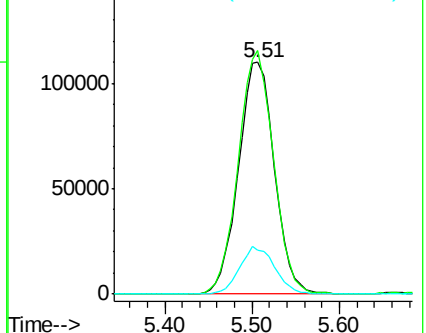
192 19.9 18.2 27.2



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

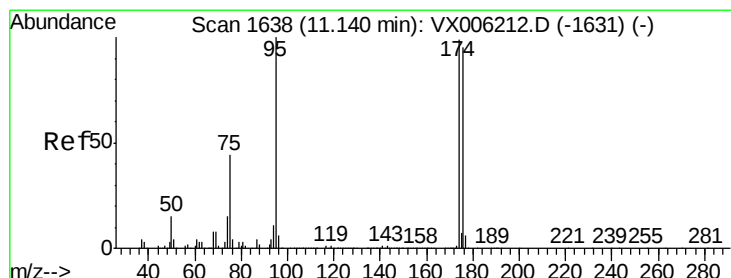
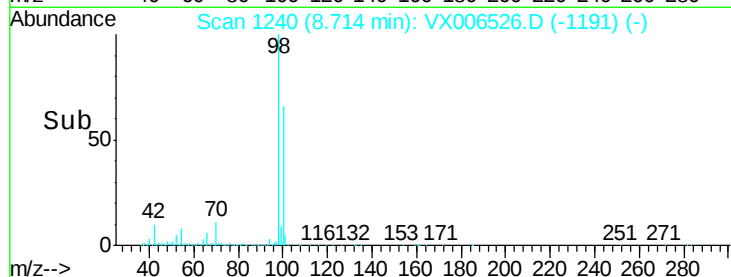
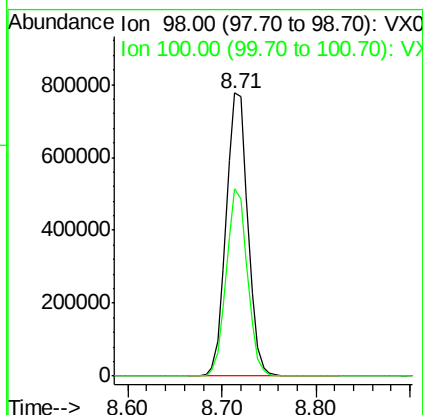
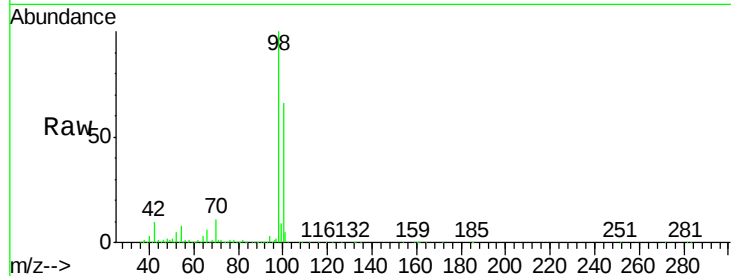




#50
Toluene-d8
Concen: 49.886 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

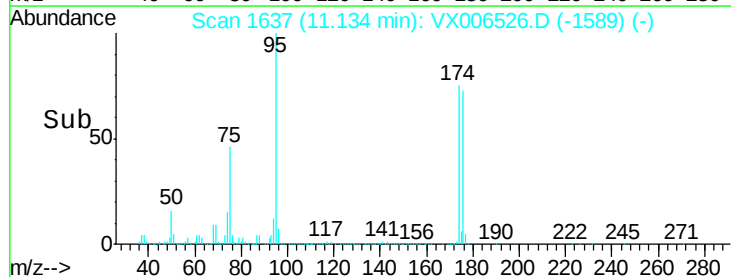
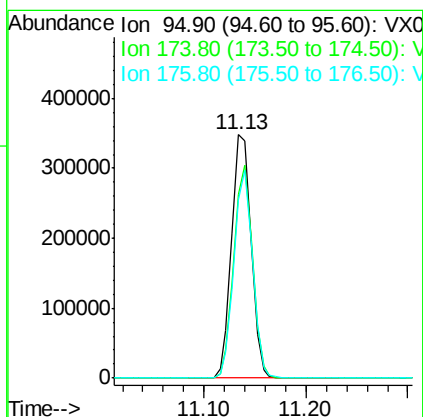
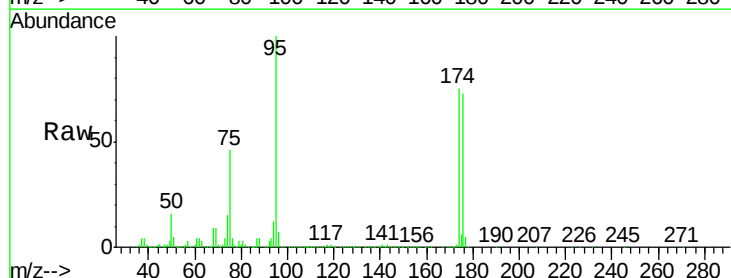
Instrument :
MSVOA_X
ClientSampleId :
MW-14B_R1

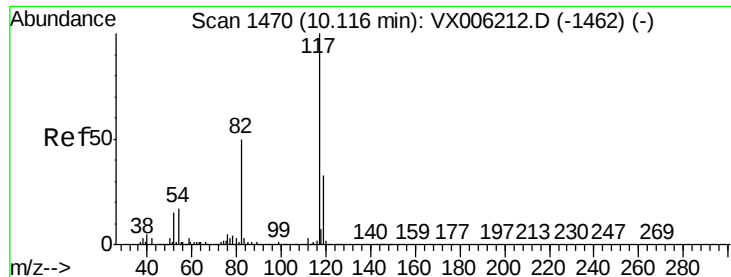
Tgt Ion: 98 Resp: 1243774
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.943 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

Tgt Ion: 95 Resp: 459833
Ion Ratio Lower Upper
95 100
174 83.7 0.0 187.0
176 80.9 0.0 181.8

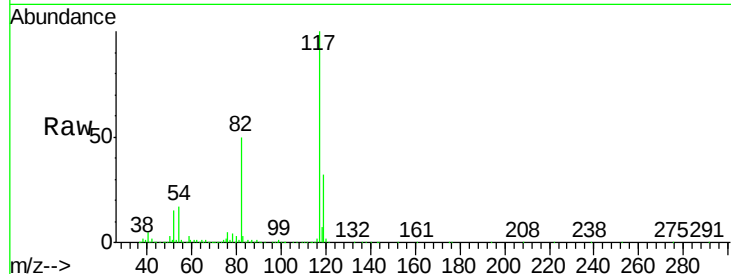




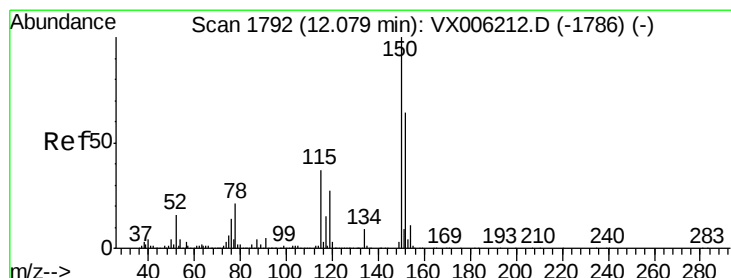
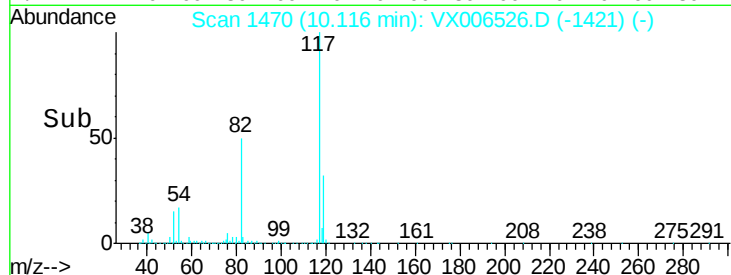
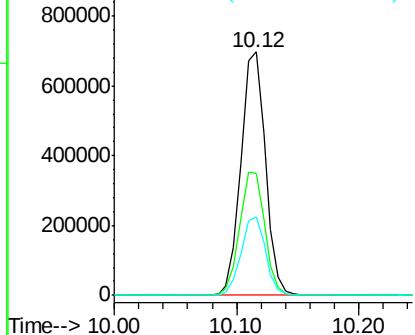
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampled :
MW-14B_R1

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.6	59.4
119	32.4	26.3	39.5

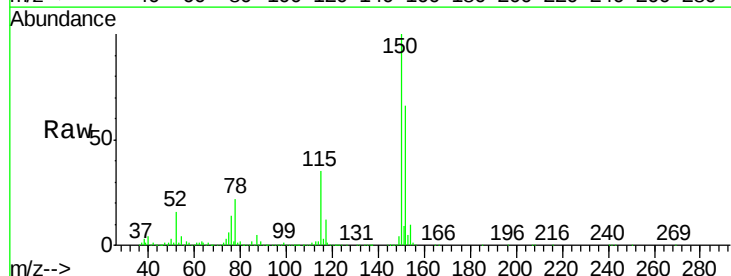


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	116.9
150	152.4	0.0	345.8



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

