

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051719\
 Data File : VX009694.D
 Acq On : 18 May 2019 05:06
 Operator : JC/SP
 Sample : K2901-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15E_R2

Quant Time: May 20 10:54:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

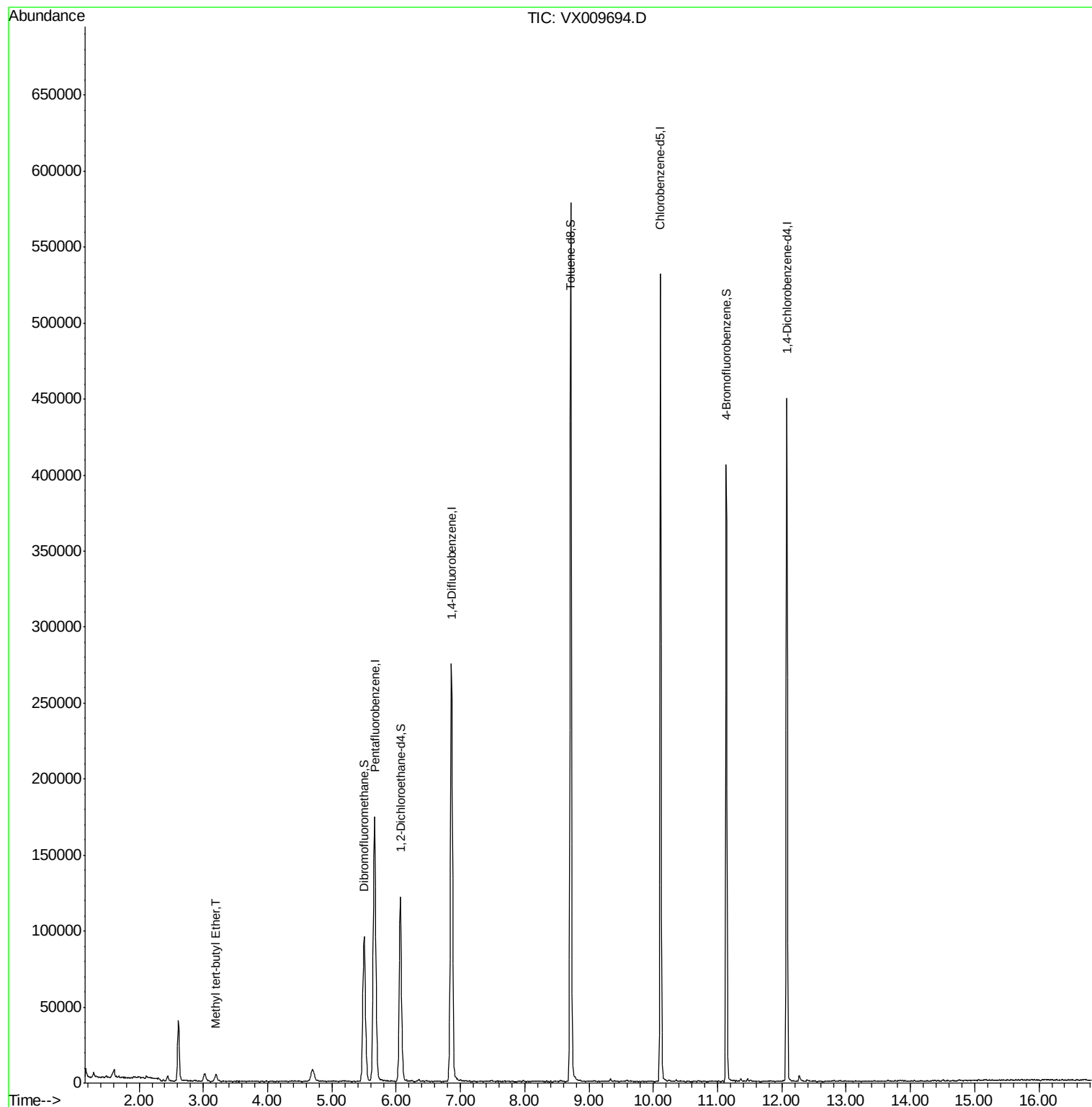
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	265248	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113014	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	5.50	113	82207	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	8.71	98	334648	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	105646	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	5066	0.828	ug/l	99

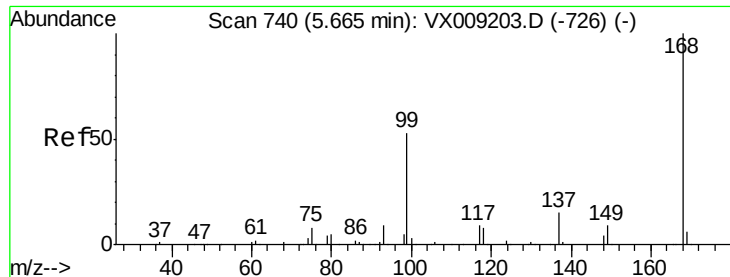
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009694.D

Acq: 18 May 2019 05:06

Instrument :

MSVOA_X

ClientSampleId :

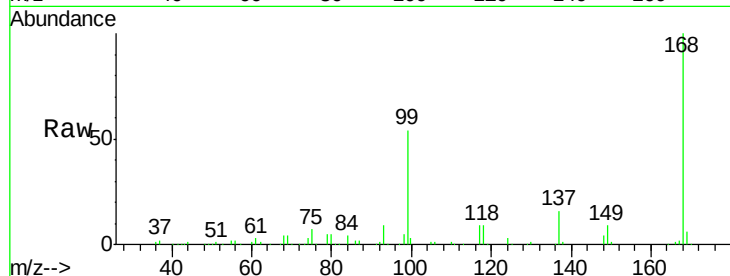
MW-15E_R2

Tot Ion:168 Resp: 167893

Ion Ratio Lower Upper

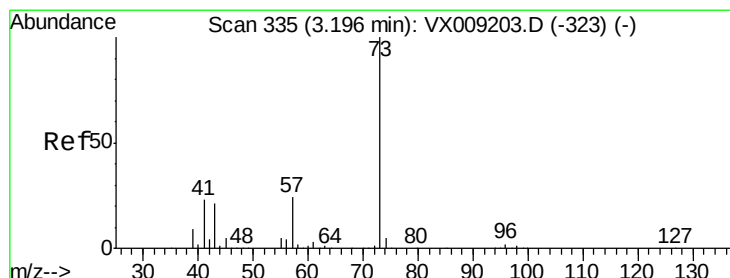
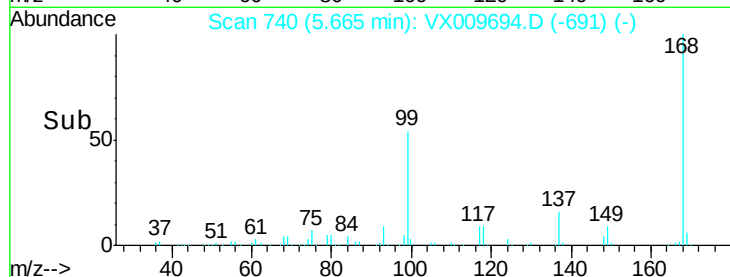
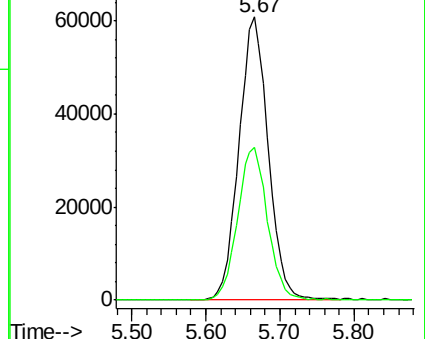
168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.828 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX009694.D

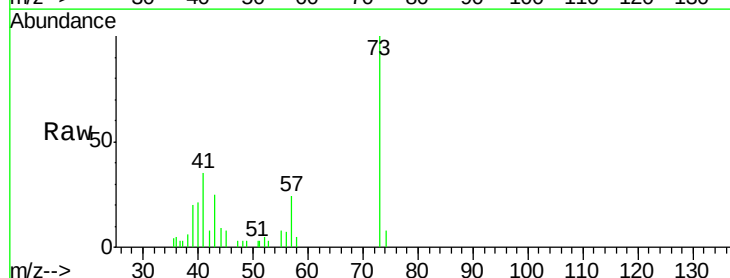
Acq: 18 May 2019 05:06

Tgt Ion: 73 Resp: 5066

Ion Ratio Lower Upper

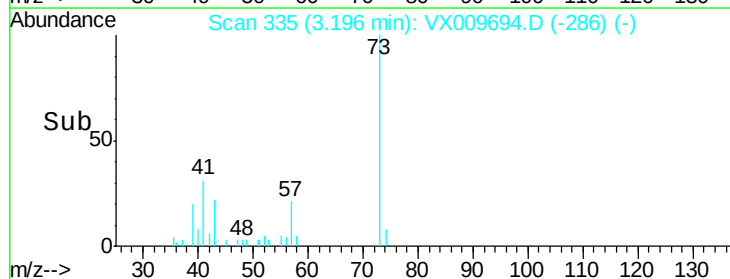
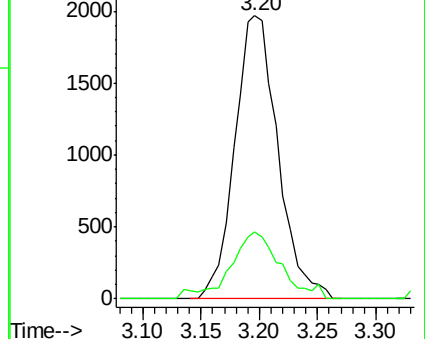
73 100

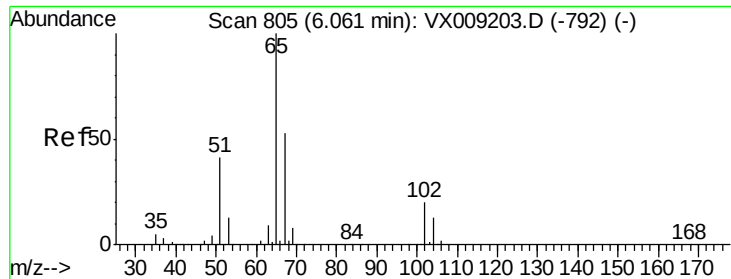
57 23.7 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

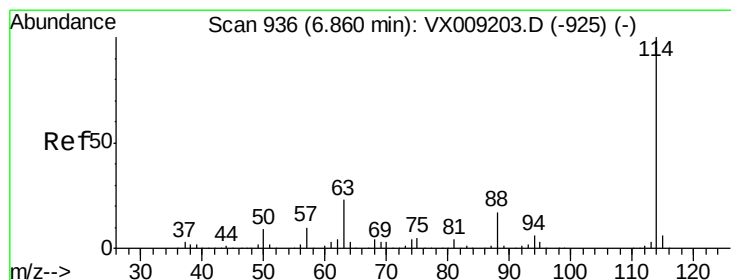
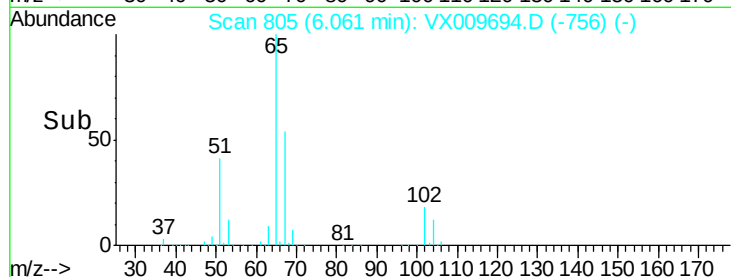
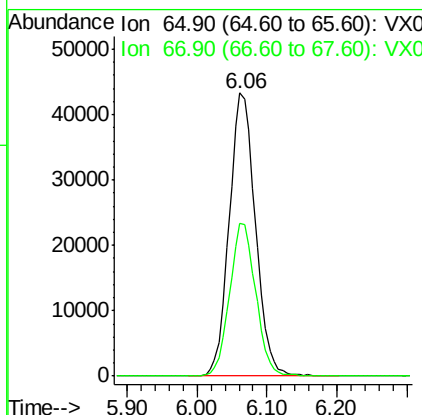
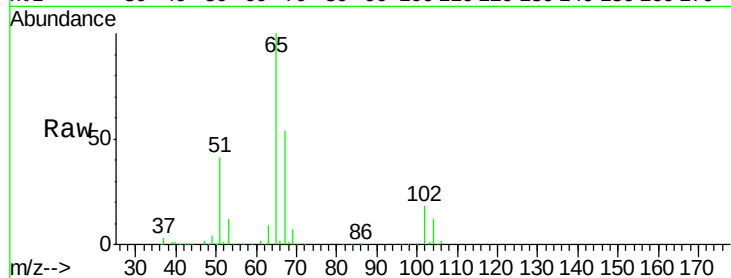




#33
 1,2-Dichloroethane-d4
 Concen: 49.309 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009694.D
 Acq: 18 May 2019 05:06

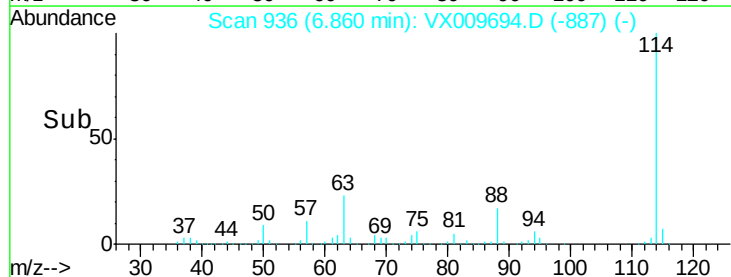
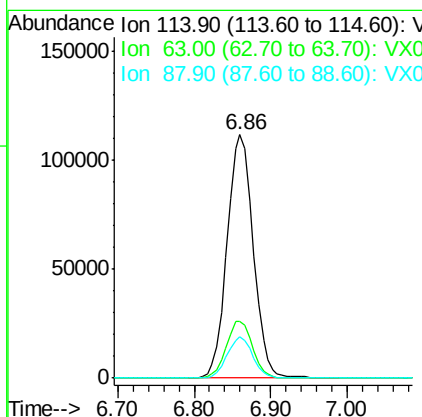
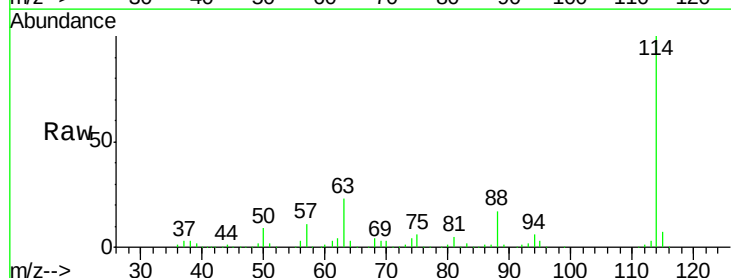
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15E_R2

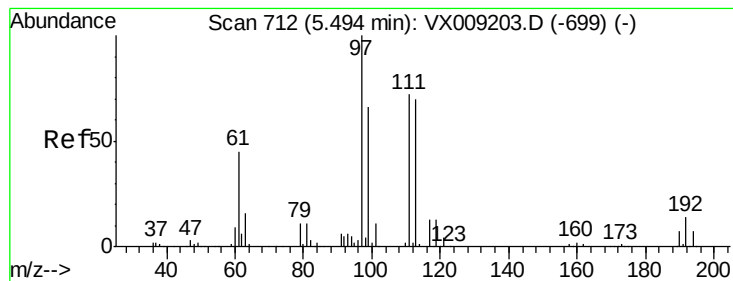
Tot Ion: 65 Resp: 113014
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009694.D
 Acq: 18 May 2019 05:06

Tgt Ion: 114 Resp: 265248
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.301 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009694.D

Acq: 18 May 2019 05:06

Instrument :

MSVOA_X

ClientSampleId :

MW-15E_R2

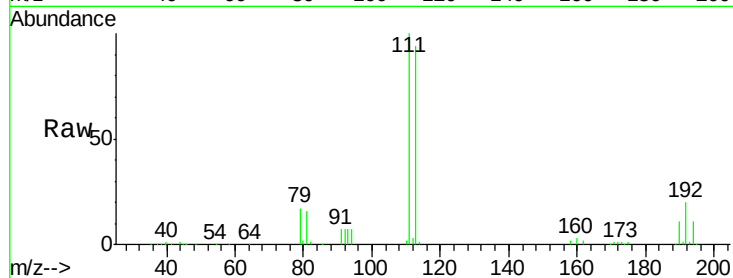
Tot Ion:113 Resp: 82207

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

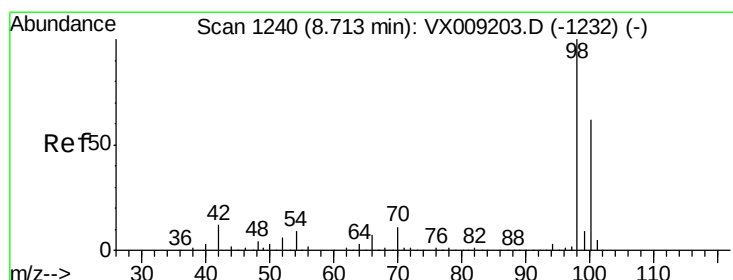
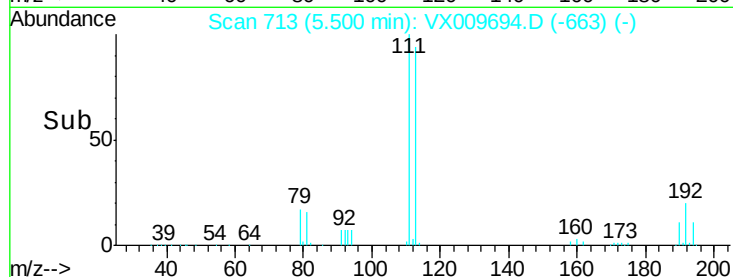
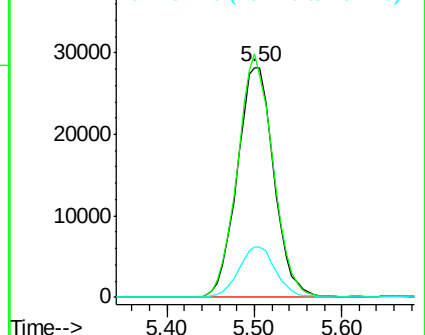
192 21.9 17.0 25.6



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: 49.711 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009694.D

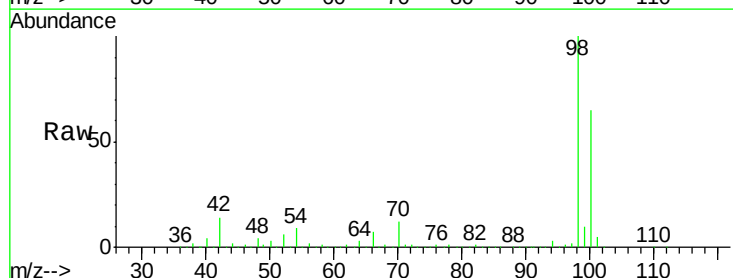
Acq: 18 May 2019 05:06

Tgt Ion: 98 Resp: 334648

Ion Ratio Lower Upper

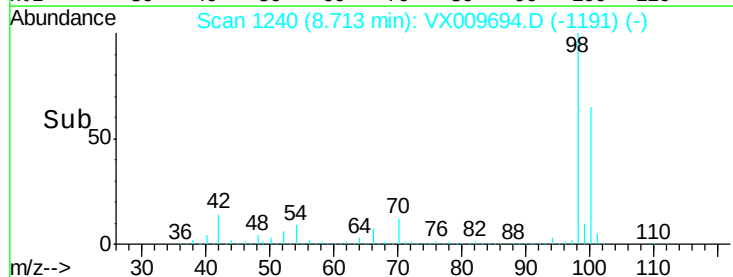
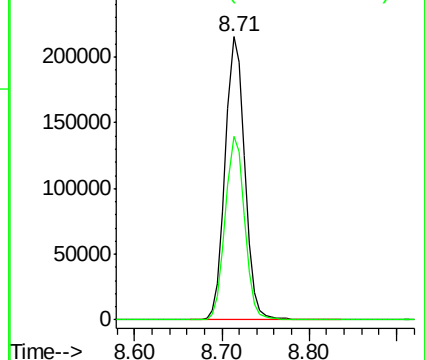
98 100

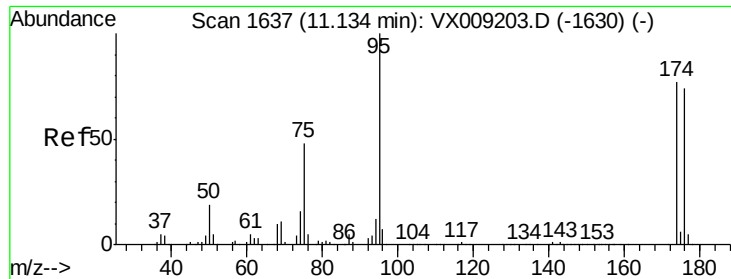
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

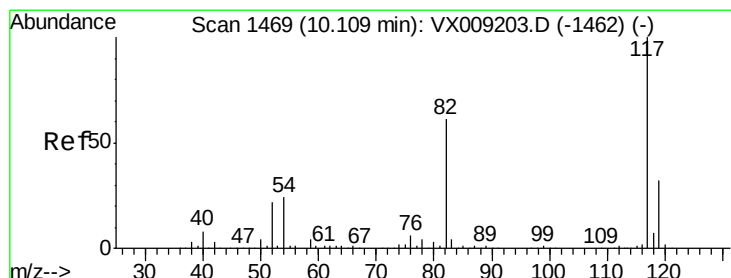
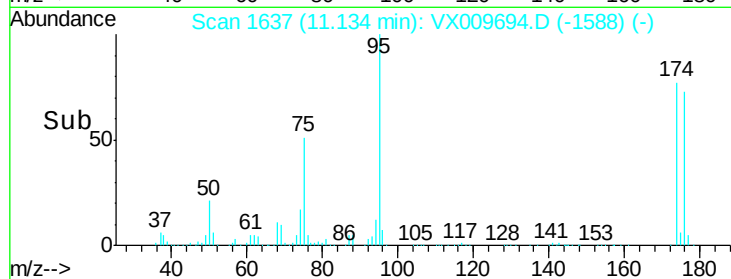
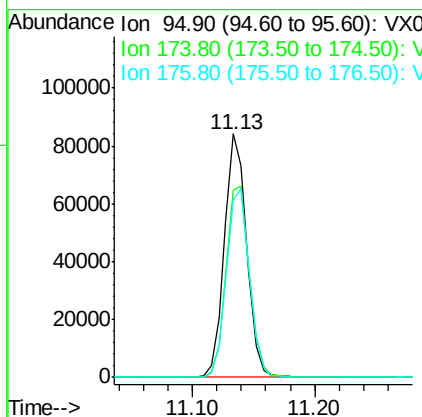
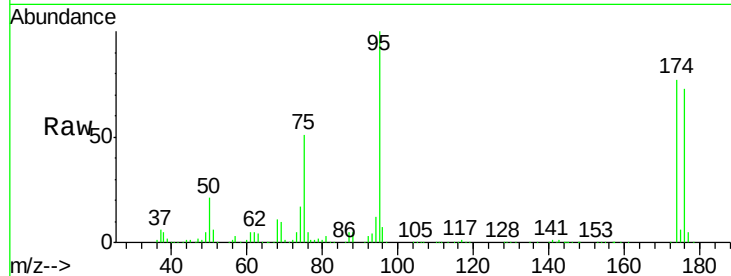




#62
4-Bromofluorobenzene
Concen: 43.189 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009694.D
Acq: 18 May 2019 05:06

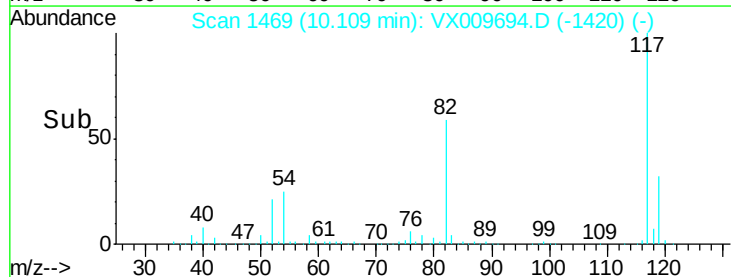
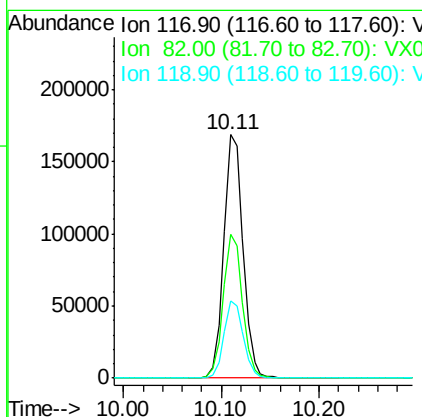
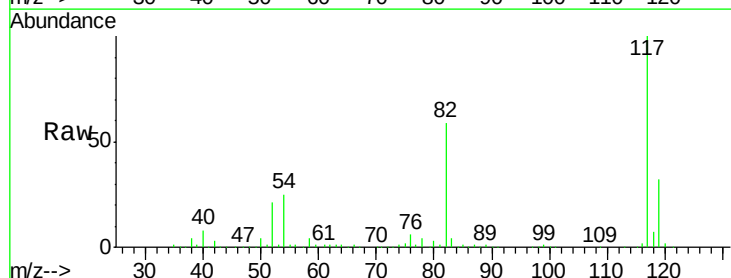
Instrument :
MSVOA_X
ClientSampled :
MW-15E_R2

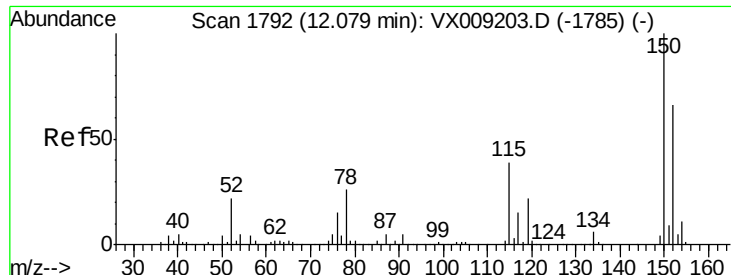
Tot Ion: 95 Resp: 105646
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.6
176 79.7 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009694.D
Acq: 18 May 2019 05:06

Tgt Ion: 117 Resp: 231461
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009694.D

Acq: 18 May 2019 05:06

Instrument :

MSVOA_X

ClientSampleId :

MW-15E_R2

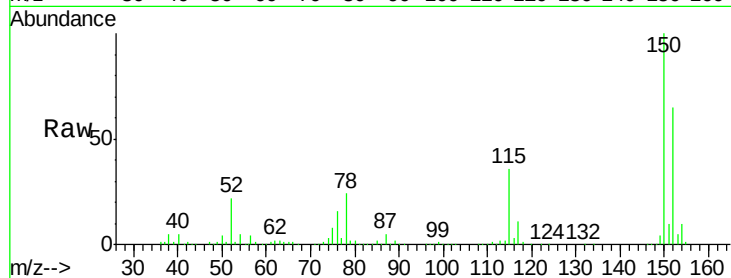
Tot Ion:152 Resp: 92656

Ion Ratio Lower Upper

152 100

115 58.3 41.2 123.6

150 155.6 0.0 346.4



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

