

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010484.D
 Acq On : 27 Jun 2019 13:22
 Operator : JC/SP
 Sample : K3555-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWMH-13

Quant Time: Jun 28 07:16:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

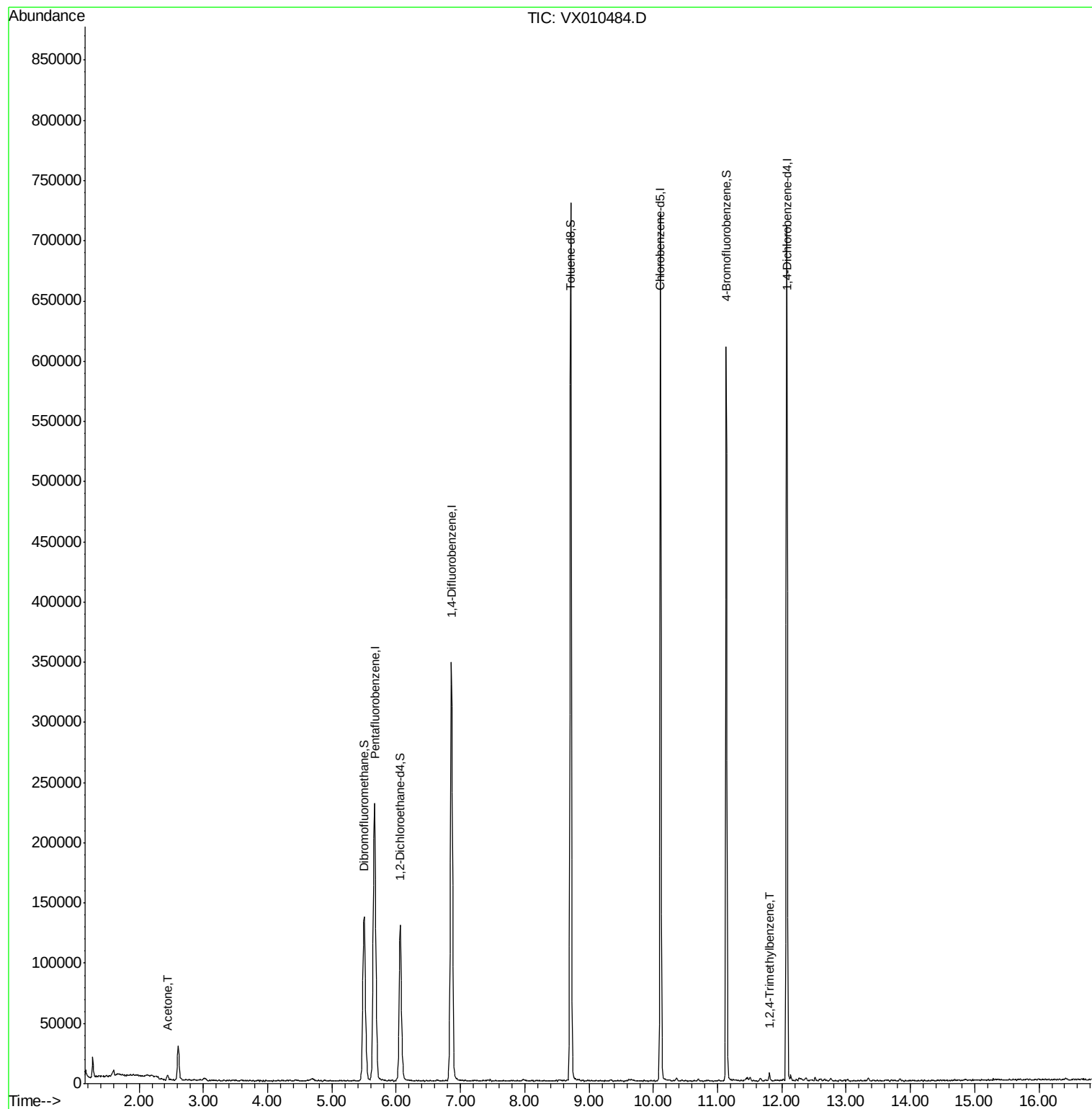
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377718	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116515	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	116054	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	8.71	98	448374	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	150420	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	2.45	43	4406	3.821	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	2807	0.312	ug/l	98

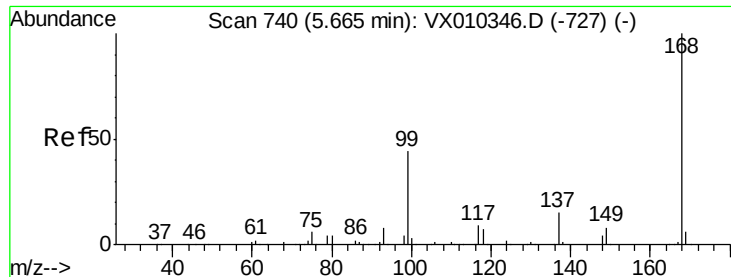
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010484.D

Acq: 27 Jun 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

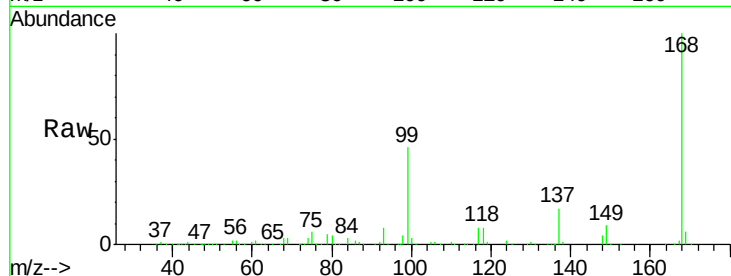
GWMH-13

Tot Ion:168 Resp: 245380

Ion Ratio Lower Upper

168 100

99 45.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

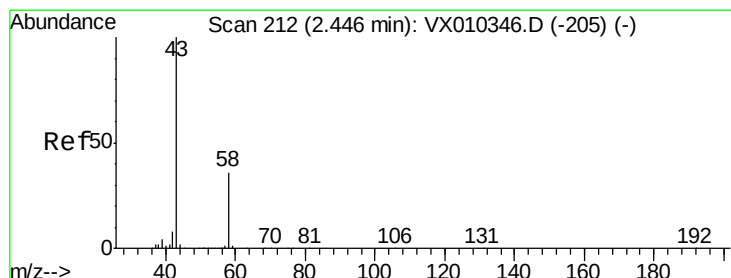
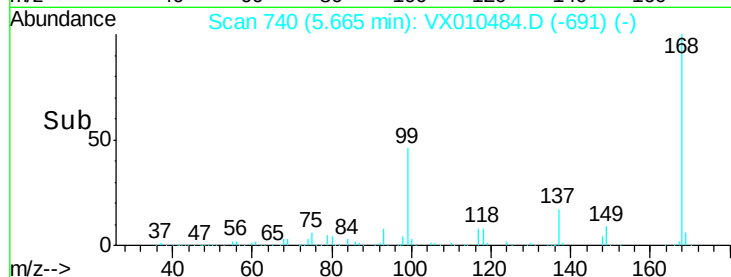
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.821 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010484.D

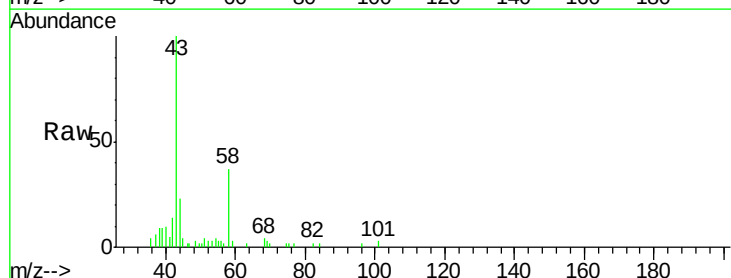
Acq: 27 Jun 2019 13:22

Tgt Ion: 43 Resp: 4406

Ion Ratio Lower Upper

43 100

58 37.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

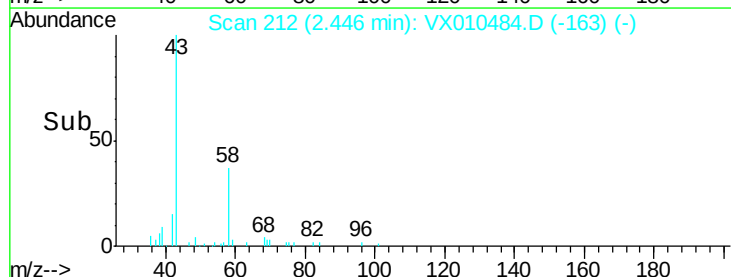
1500

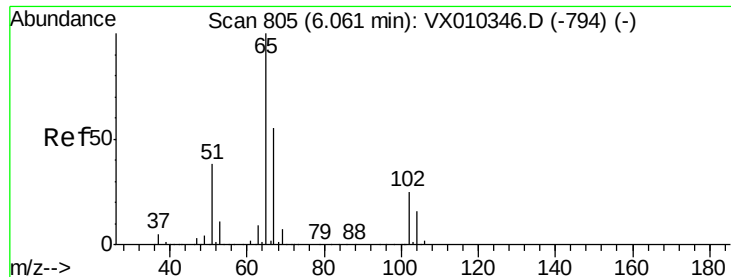
1000

500

0

Time--> 2.40 2.45 2.50

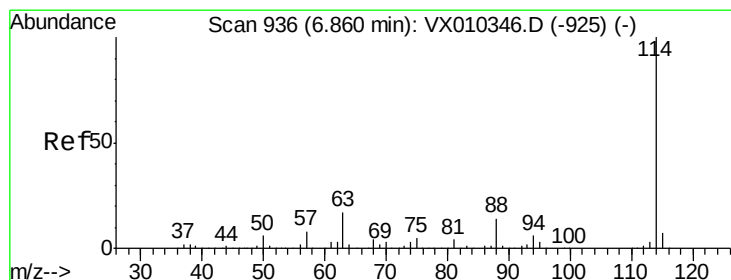
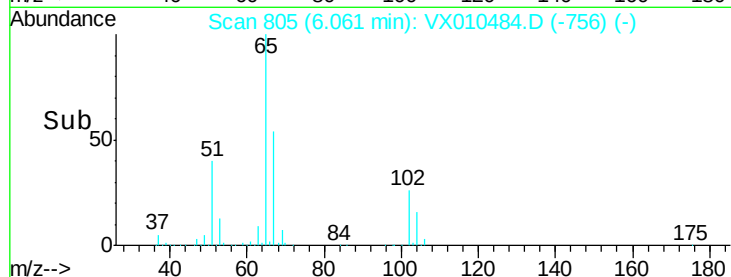
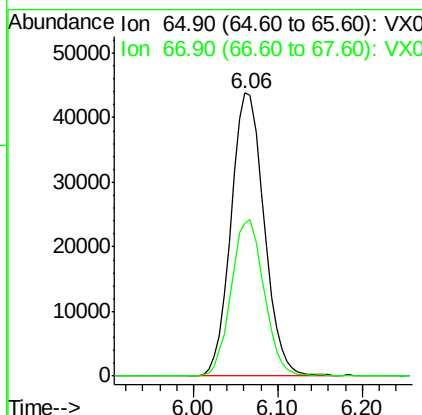
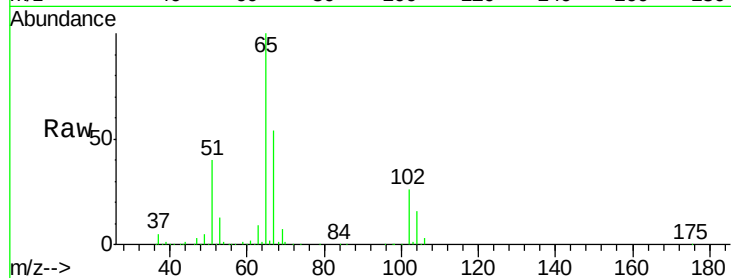




#33
 1,2-Dichloroethane-d4
 Concen: 50.644 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010484.D
 Acq: 27 Jun 2019 13:22

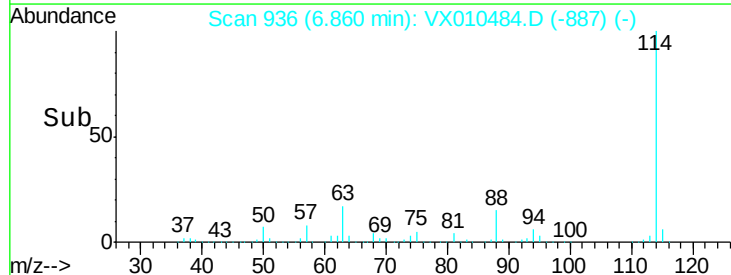
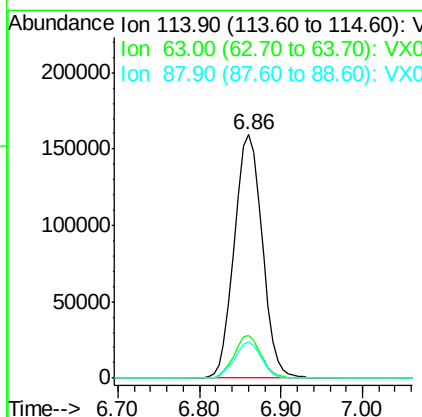
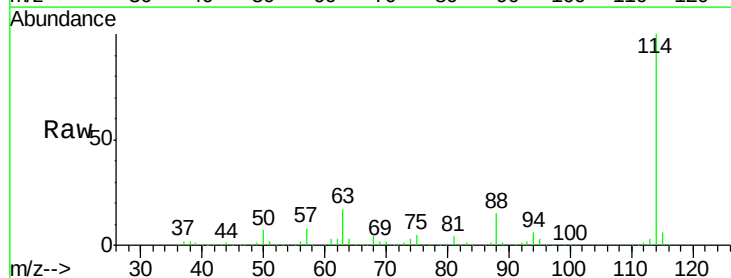
Instrument :
 MSVOA_X
 ClientSampleId :
 GWMH-13

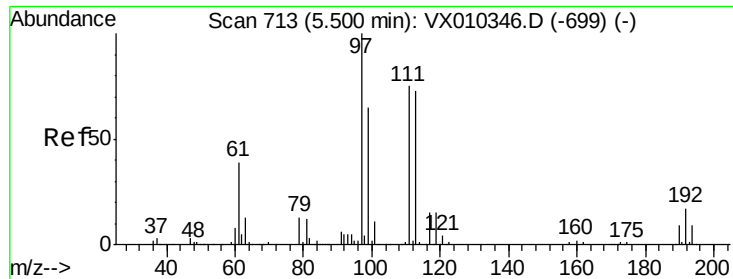
Tot Ion: 65 Resp: 116515
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010484.D
 Acq: 27 Jun 2019 13:22

Tgt Ion: 114 Resp: 377718
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 33.8
 88 14.8 0.0 27.6

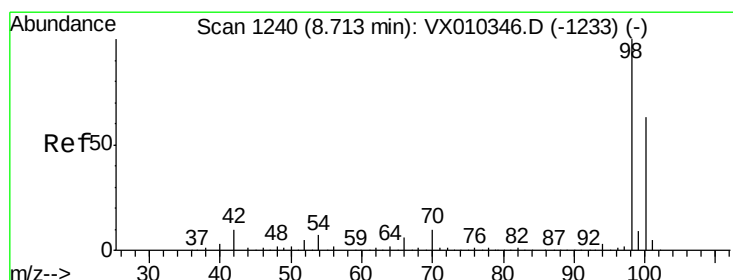
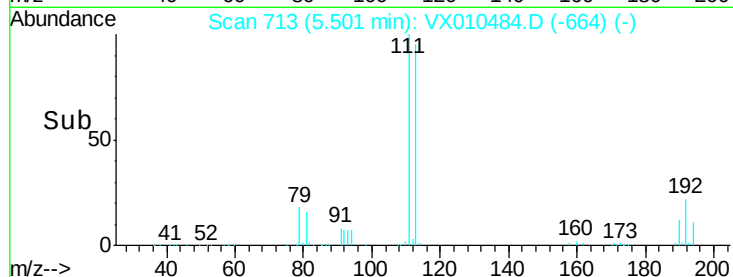
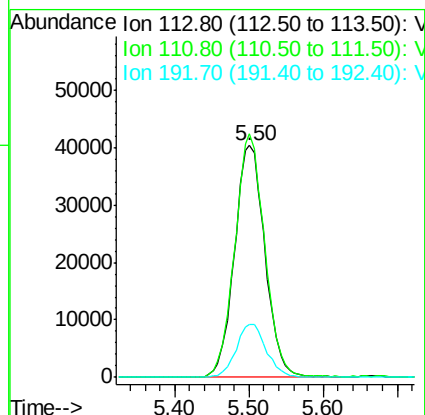
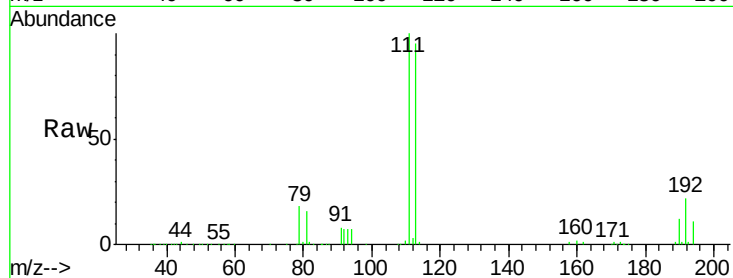




#35
 Dibromofluoromethane
 Concen: 50.218 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010484.D
 Acq: 27 Jun 2019 13:22

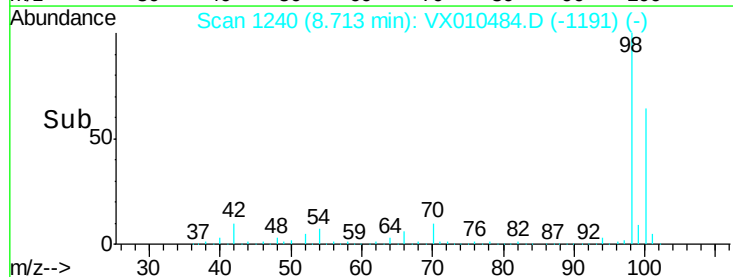
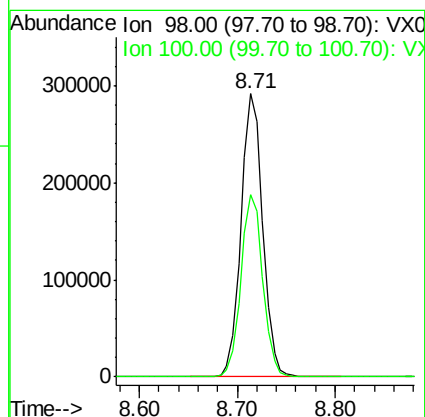
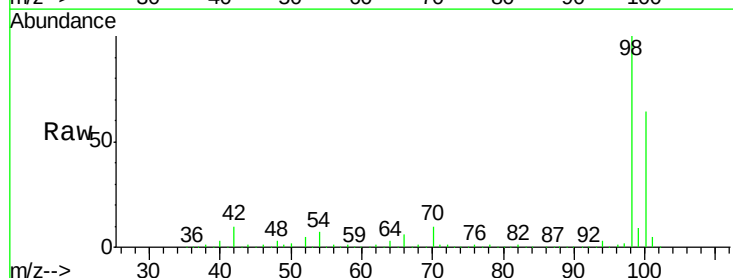
Instrument :
 MSVOA_X
 ClientSampleId :
 GWMH-13

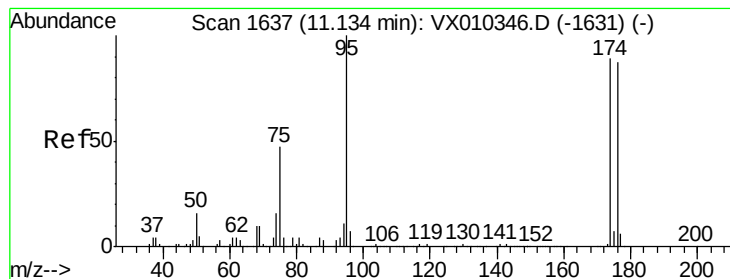
Tot Ion:113 Resp: 116054
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.2 121.8
 192 22.8 18.6 27.8



#50
 Toluene-d8
 Concen: 50.712 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010484.D
 Acq: 27 Jun 2019 13:22

Tgt Ion: 98 Resp: 448374
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 47.124 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010484.D

Acq: 27 Jun 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

GWMH-13

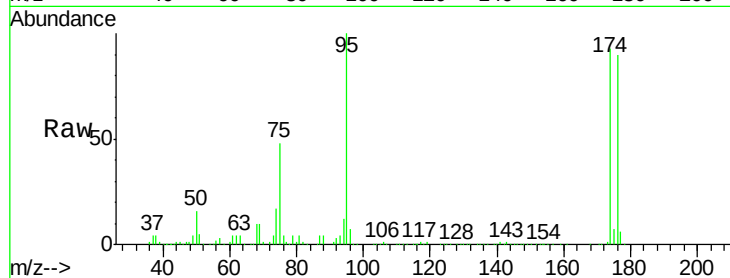
Tot Ion: 95 Resp: 150420

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.6

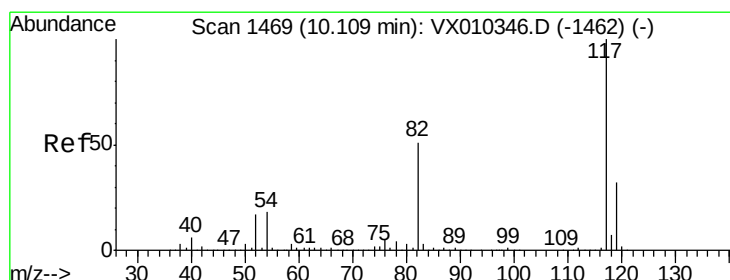
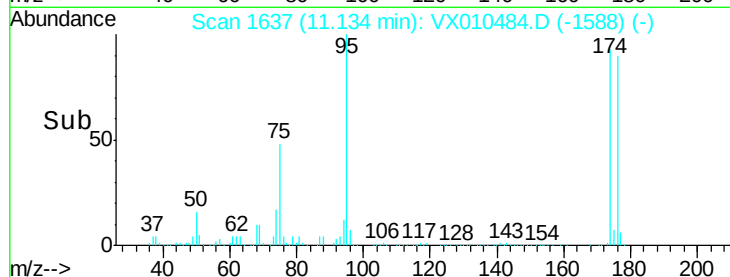
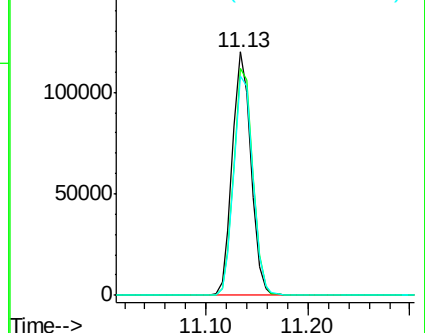
176 92.7 0.0 184.0



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010484.D

Acq: 27 Jun 2019 13:22

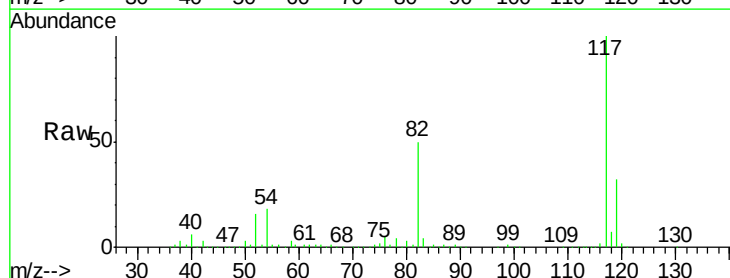
Tgt Ion: 117 Resp: 347701

Ion Ratio Lower Upper

117 100

82 50.4 41.2 61.8

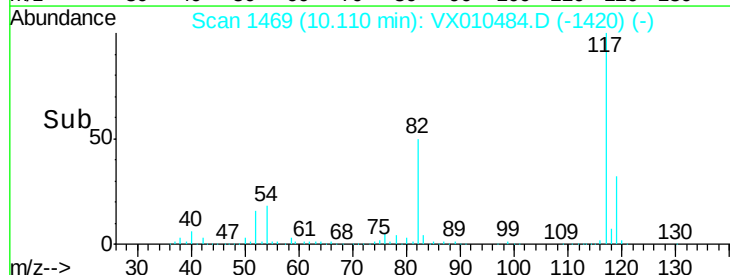
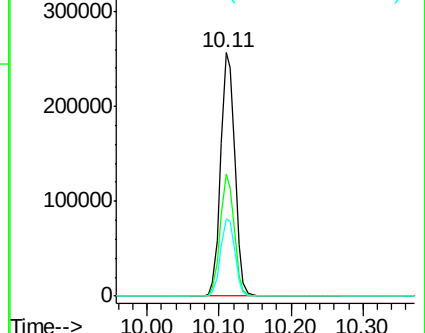
119 31.6 25.5 38.3

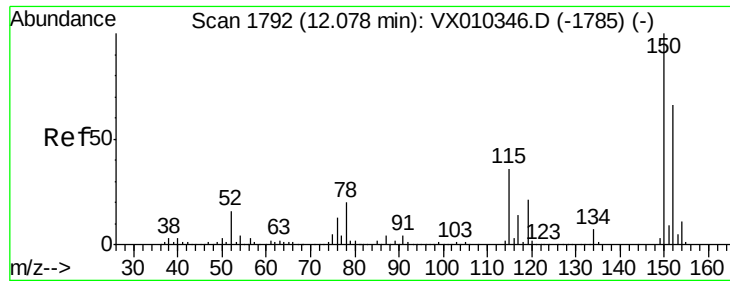


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX010484.D

Acq: 27 Jun 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

GWMH-13

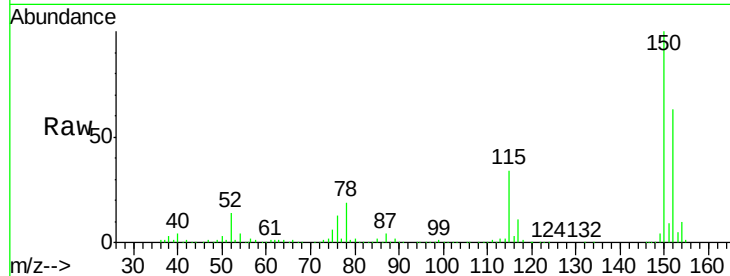
Tot Ion:152 Resp: 160032

Ion Ratio Lower Upper

152 100

115 54.9 38.6 115.7

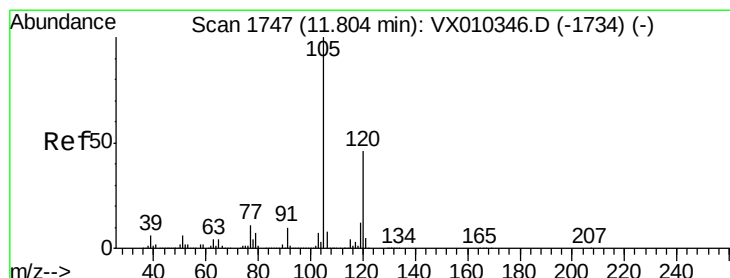
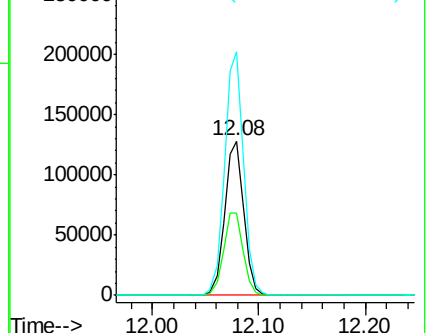
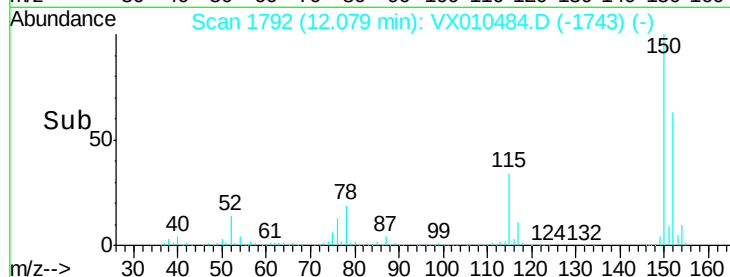
150 156.6 0.0 347.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.312 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010484.D

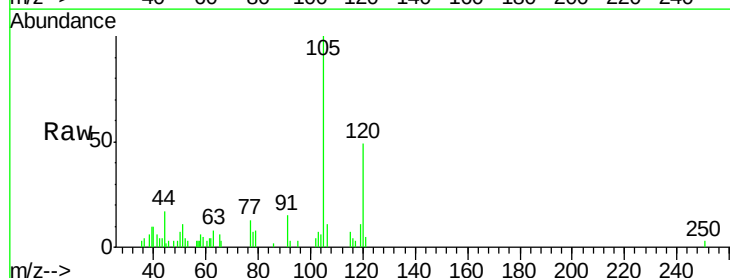
Acq: 27 Jun 2019 13:22

Tgt Ion:105 Resp: 2807

Ion Ratio Lower Upper

105 100

120 47.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

