

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010250.D
 Acq On : 12 Jun 2019 15:01
 Operator : JC/SP
 Sample : K3309-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW004-190610

Quant Time: Jun 13 02:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

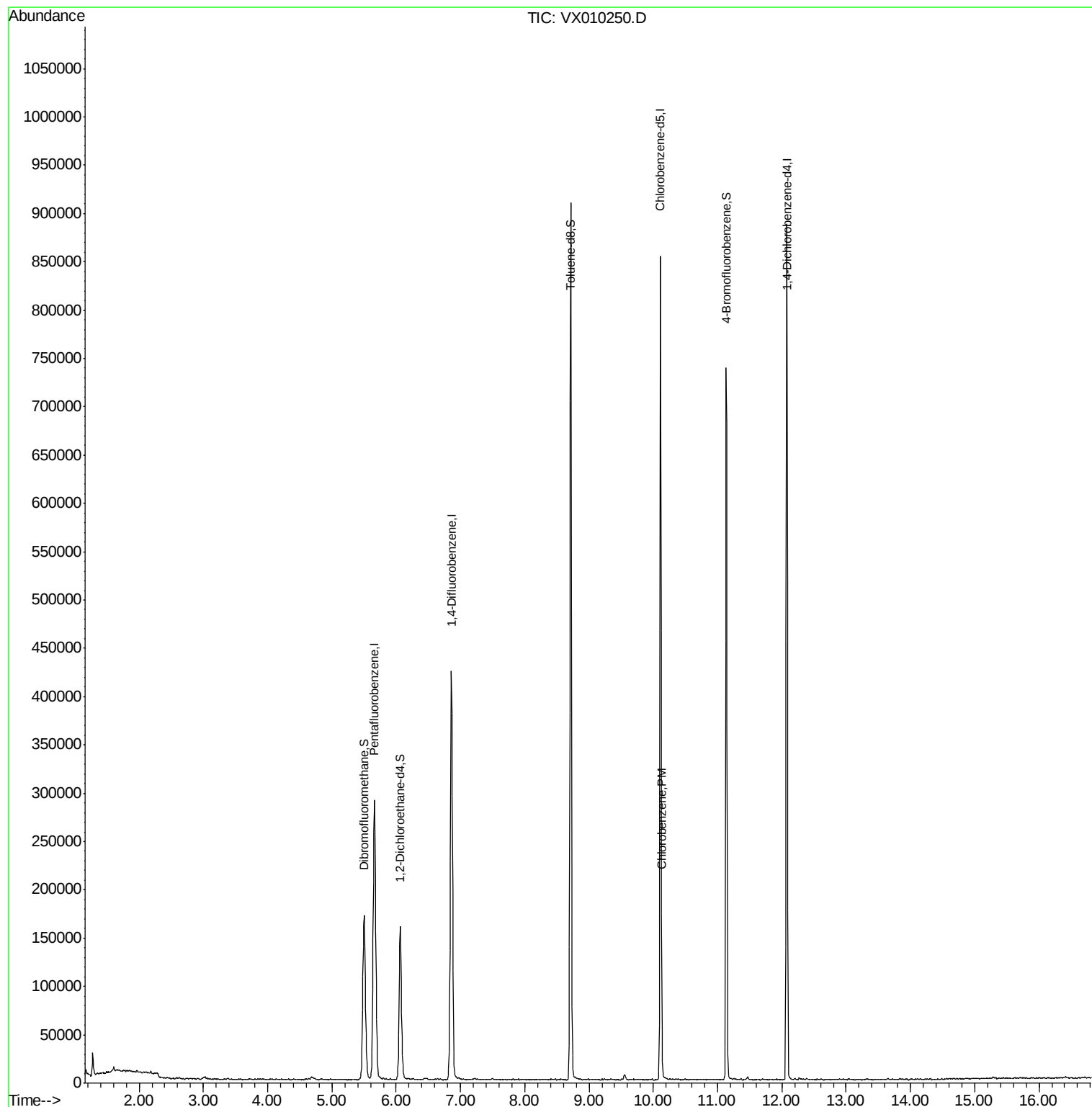
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	312038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	423483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	141053	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	5.50	113	144326	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	553623	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	187569	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
65) Chlorobenzene	10.13	112	3858	0.441	ug/l	Qvalue 89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010250.D

Acq: 12 Jun 2019 15:01

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ClientSampleId :

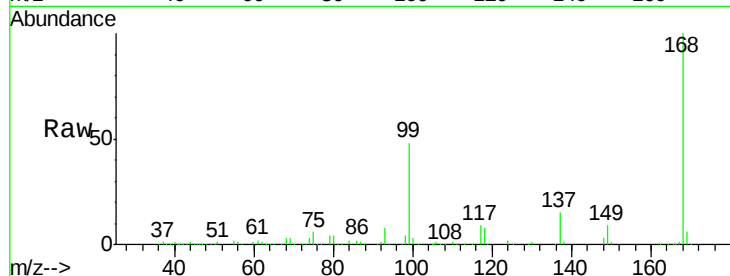
LF017MW004-190610

Tot Ion:168 Resp: 312038

Ion Ratio Lower Upper

168 100

99 47.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

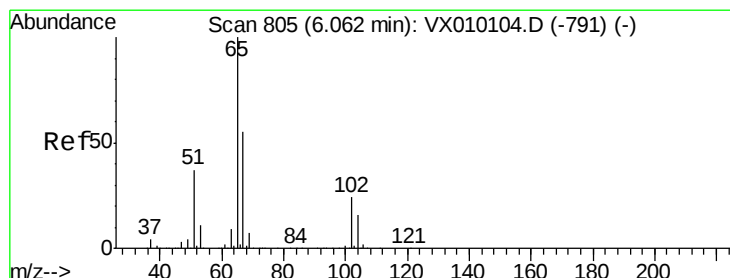
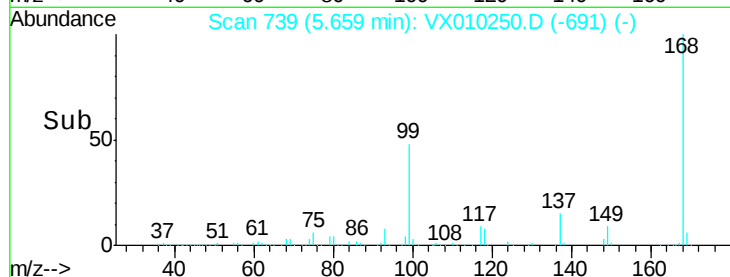
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.310 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010250.D

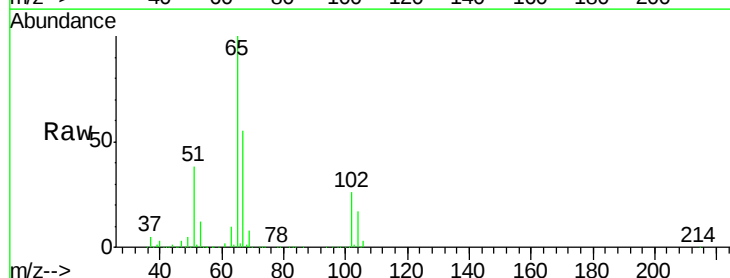
Acq: 12 Jun 2019 15:01

Tgt Ion: 65 Resp: 141053

Ion Ratio Lower Upper

65 100

67 55.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

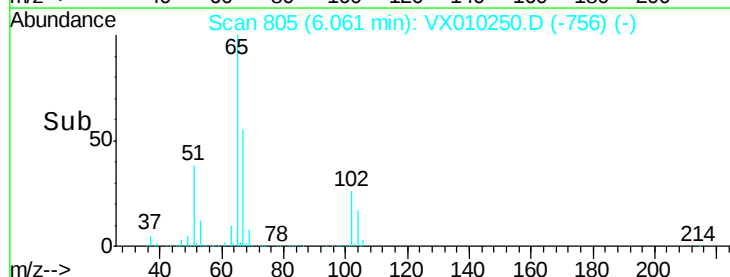
30000

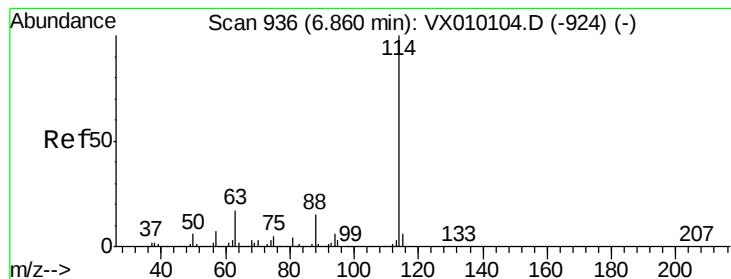
20000

10000

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: VX010250.D

Acq: 12 Jun 2019 15:01

Instrument :

MSVOA_X

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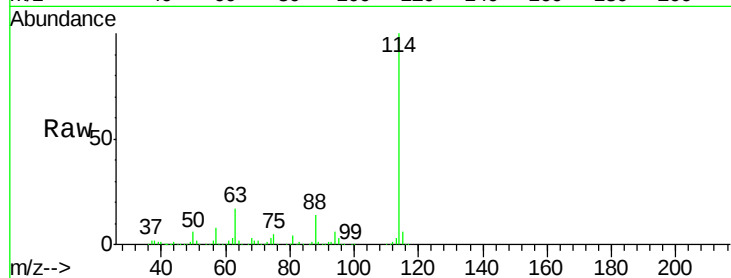
Tot Ion:114 Resp: 471416

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

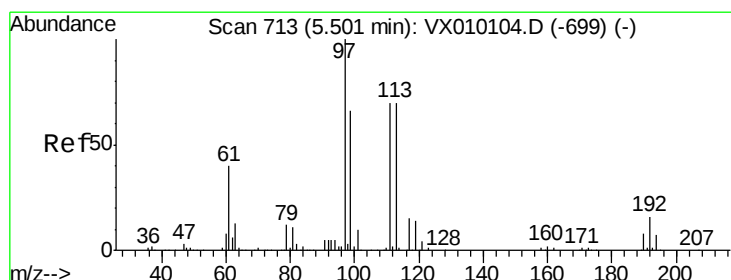
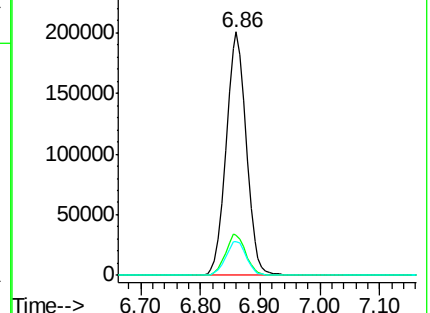
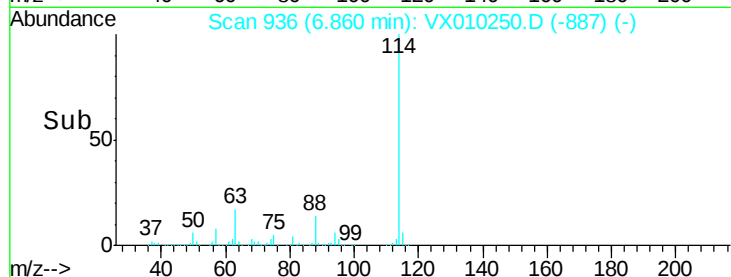
88 14.0 0.0 33.0



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: 49.634 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010250.D

Acq: 12 Jun 2019 15:01

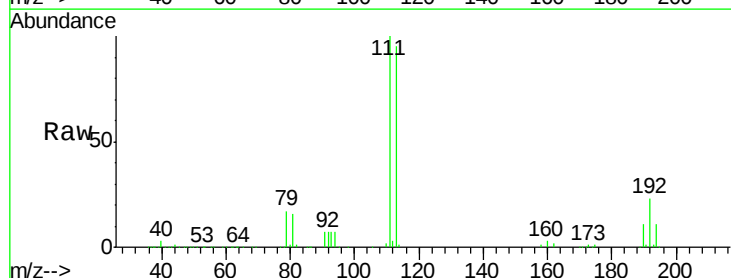
Tgt Ion:113 Resp: 144326

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

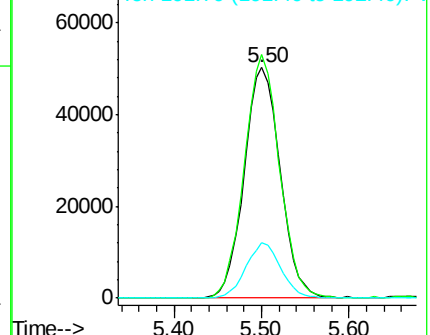
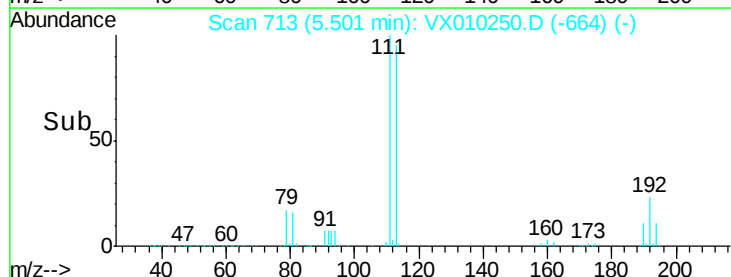
192 23.3 17.1 25.7

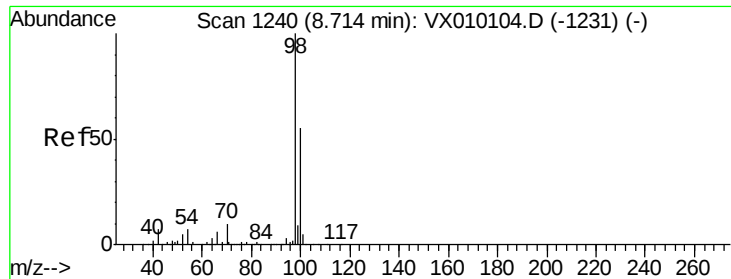


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

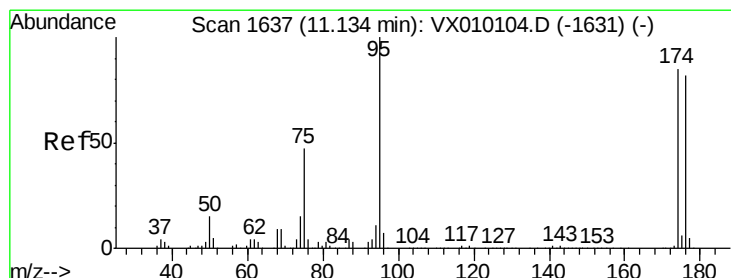
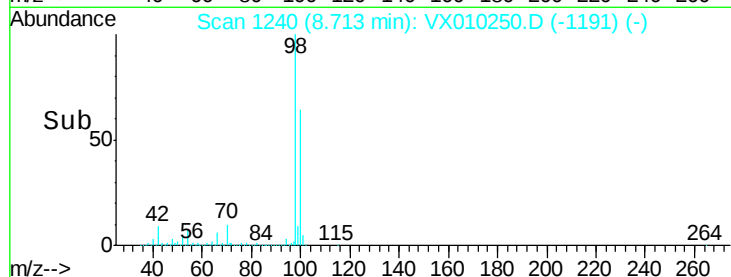
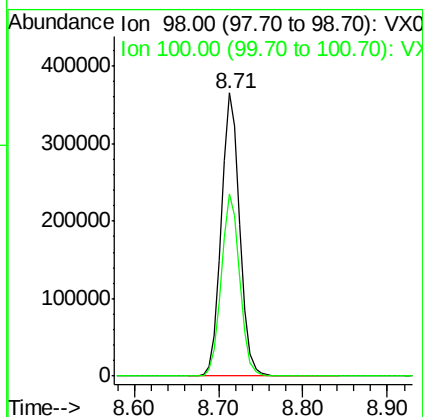
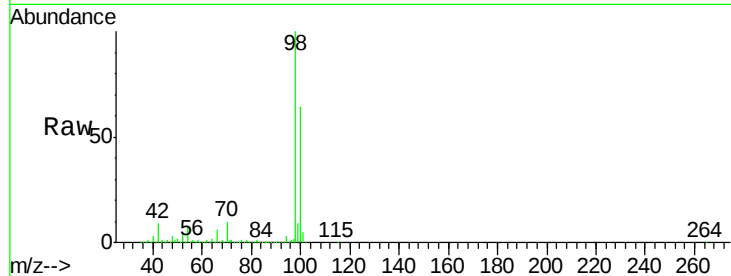




#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010250.D
Acq: 12 Jun 2019 15:01

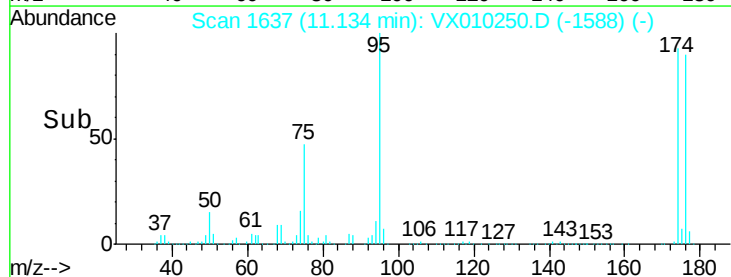
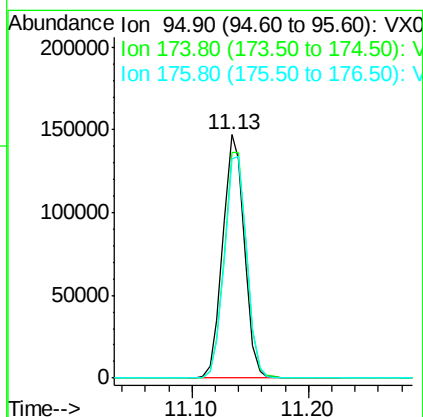
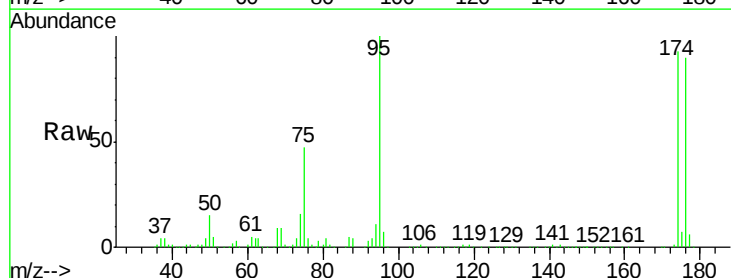
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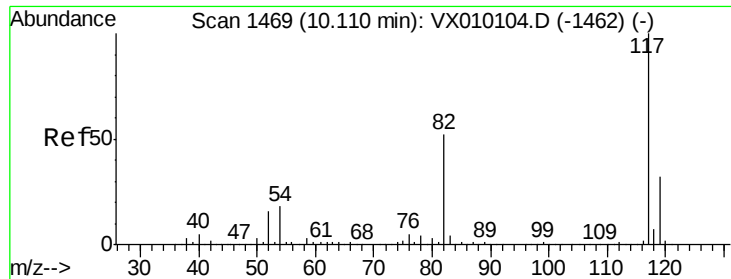
Tot Ion: 98 Resp: 553623
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.086 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010250.D
Acq: 12 Jun 2019 15:01

Tgt Ion: 95 Resp: 187569
Ion Ratio Lower Upper
95 100
174 96.0 0.0 160.4
176 94.8 0.0 154.6

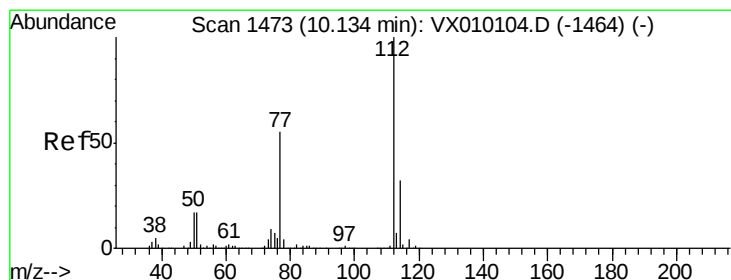
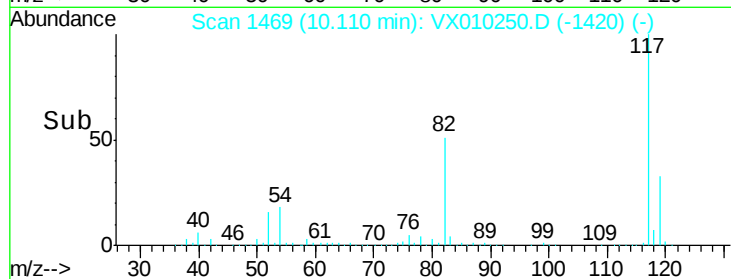
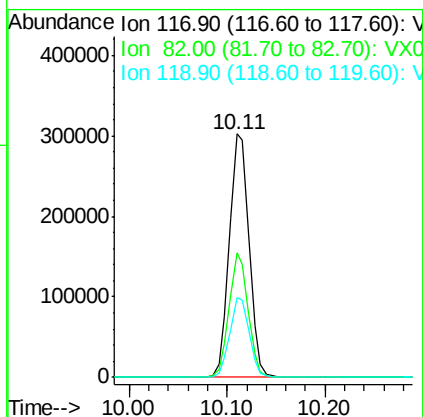
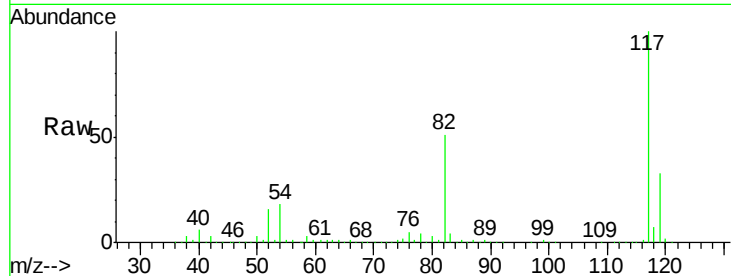




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010250.D
Acq: 12 Jun 2019 15:01

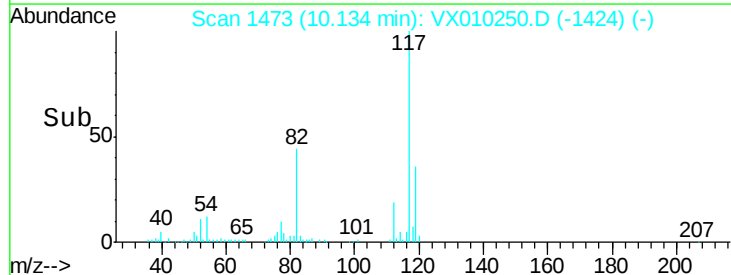
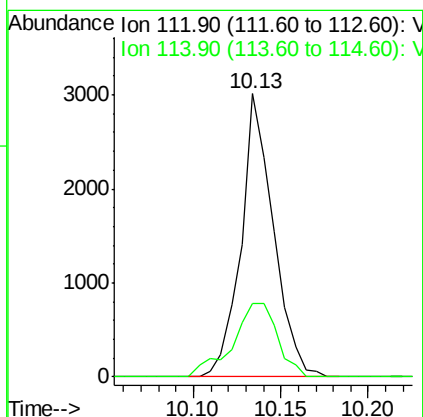
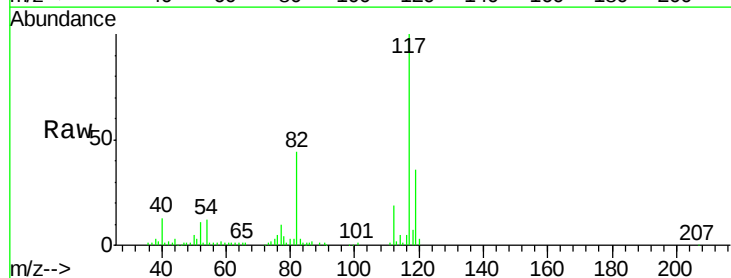
Instrument :
MSVOA_X
ClientSampleId :
LF017MW004-190610

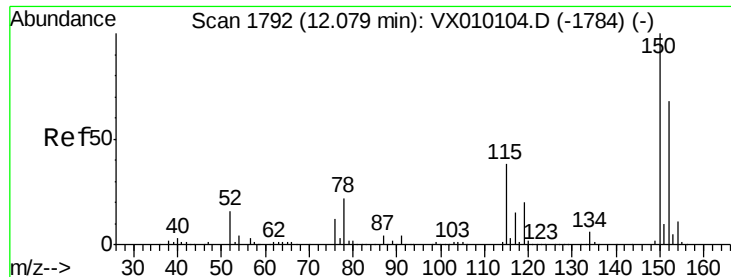
Tot Ion:117 Resp: 423483
Ion Ratio Lower Upper
117 100
82 51.0 49.2 73.8
119 32.7 25.2 37.8



#65
Chlorobenzene
Concen: 0.441 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010250.D
Acq: 12 Jun 2019 15:01

Tgt Ion:112 Resp: 3858
Ion Ratio Lower Upper
112 100
114 26.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010250.D

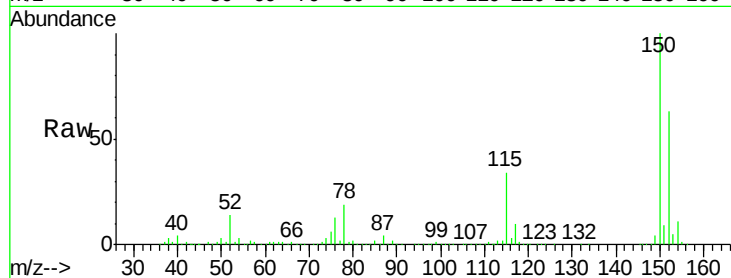
Acq: 12 Jun 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

LF017MW004-190610



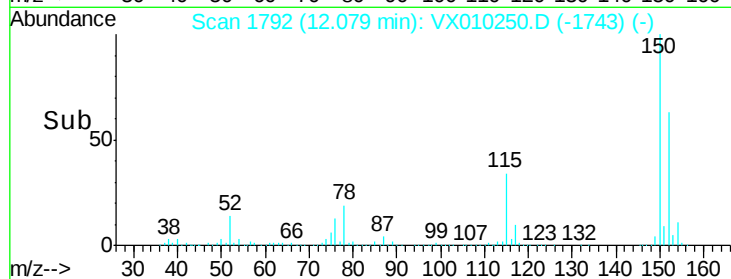
Tot Ion:152 Resp: 199741

Ion Ratio Lower Upper

152 100

115 54.1 41.4 124.2

150 156.4 0.0 345.2



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

