

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017136.D
 Acq On : 02 Jul 2020 06:25
 Operator : JC/SP
 Sample : L3159-23 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 64BR-20200629

Quant Time: Jul 02 07:09:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	206286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	349881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	140407	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
35) Dibromofluoromethane	5.47	113	118439	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
50) Toluene-d8	8.70	98	428389	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.12	95	178396	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	

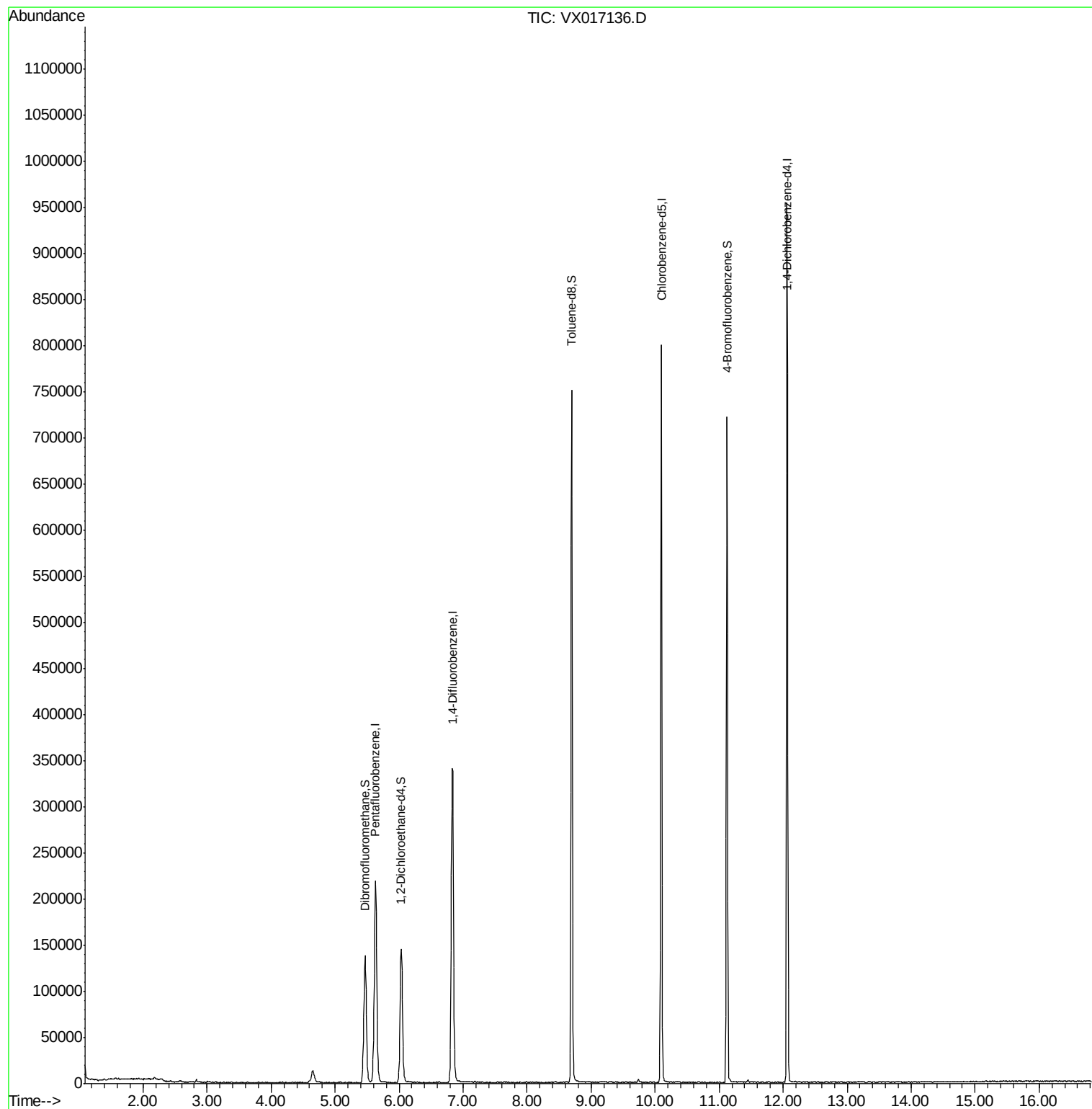
Target Compounds Qvalue

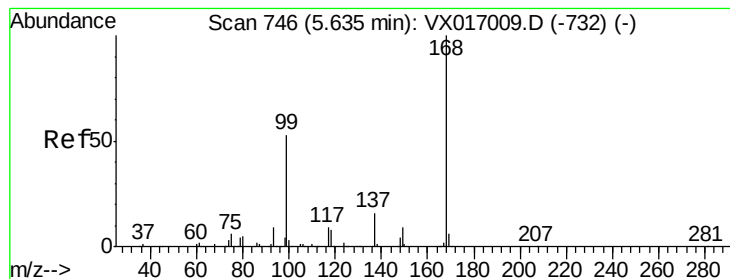
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 29 17:10:38 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017136.D

Acq: 02 Jul 2020 06:25

Instrument :

MSVOA_X

ClientSampleId :

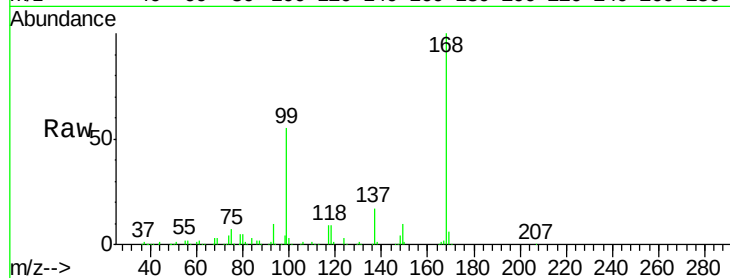
64BR-20200629

Tot Ion:168 Resp: 206286

Ion Ratio Lower Upper

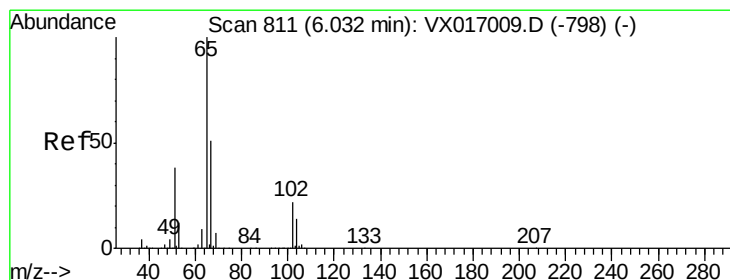
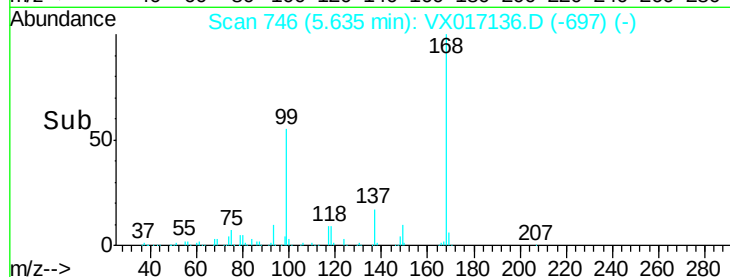
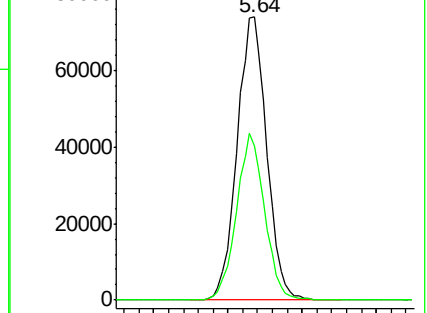
168 100

99 54.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 55.211 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017136.D

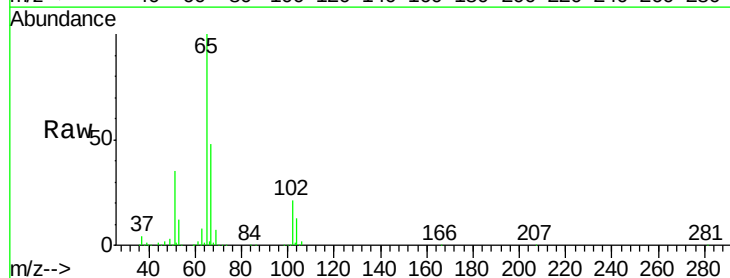
Acq: 02 Jul 2020 06:25

Tgt Ion: 65 Resp: 140407

Ion Ratio Lower Upper

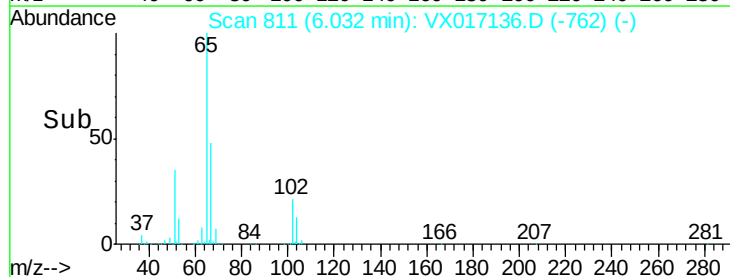
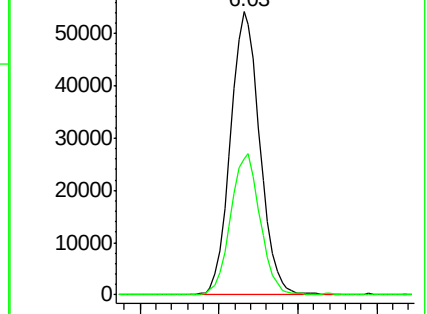
65 100

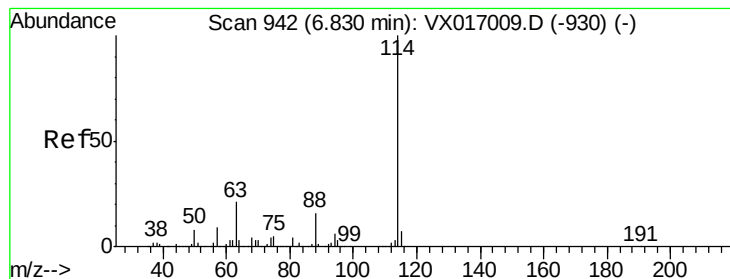
67 50.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017136.D

Acq: 02 Jul 2020 06:25

Instrument :

MSVOA_X

ClientSampleId :

64BR-20200629

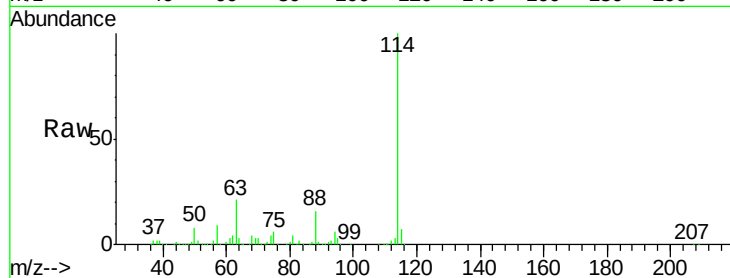
Tot Ion:114 Resp: 349881

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

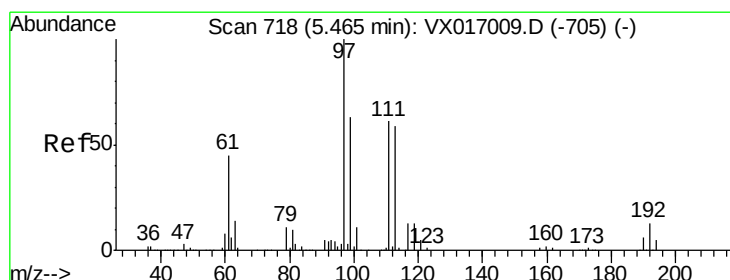
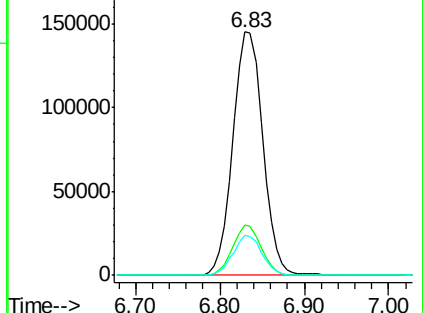
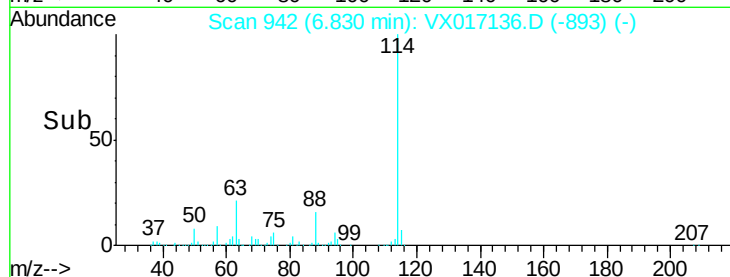
88 16.4 0.0 32.4



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: 53.514 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017136.D

Acq: 02 Jul 2020 06:25

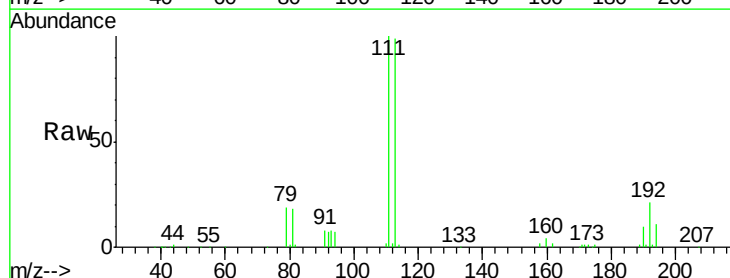
Tgt Ion:113 Resp: 118439

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

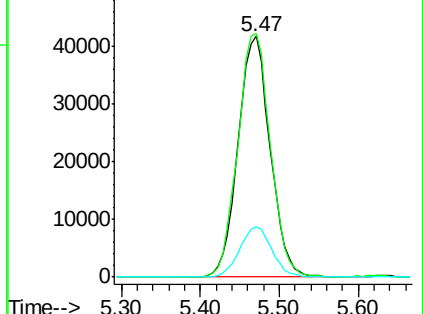
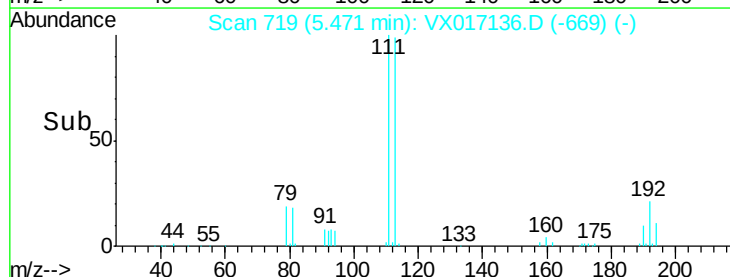
192 21.0 16.7 25.1

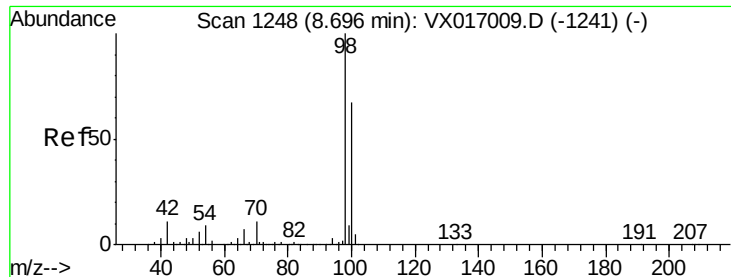


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.344 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017136.D

Acq: 02 Jul 2020 06:25

Instrument :

MSVOA_X

ClientSampleId :

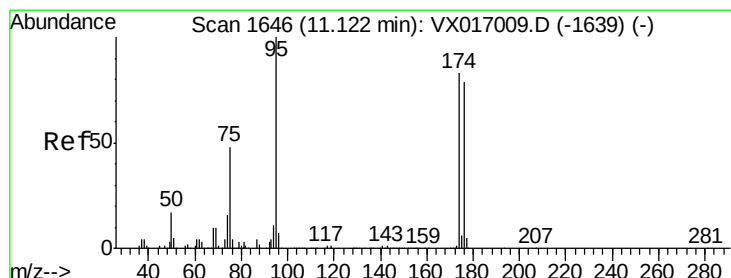
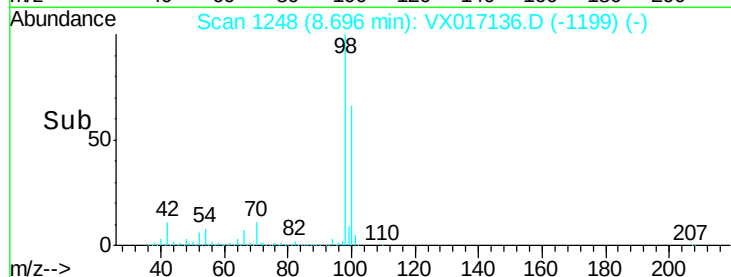
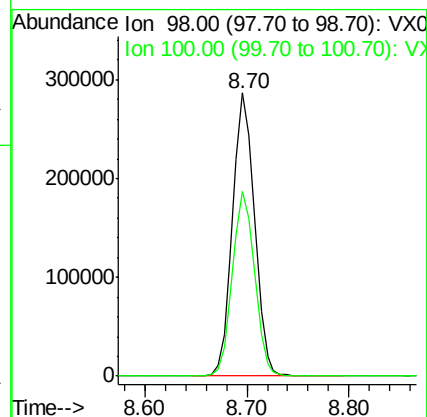
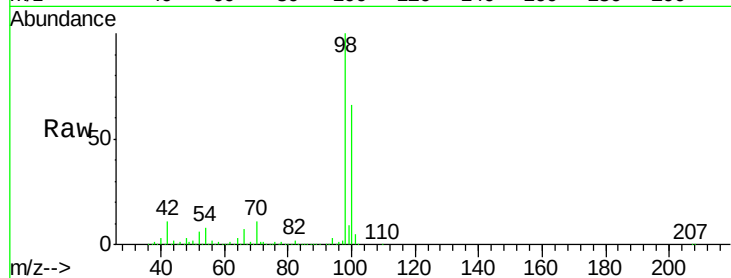
64BR-20200629

Tot Ion: 98 Resp: 428389

Ion Ratio Lower Upper

98 100

100 65.7 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 55.761 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017136.D

Acq: 02 Jul 2020 06:25

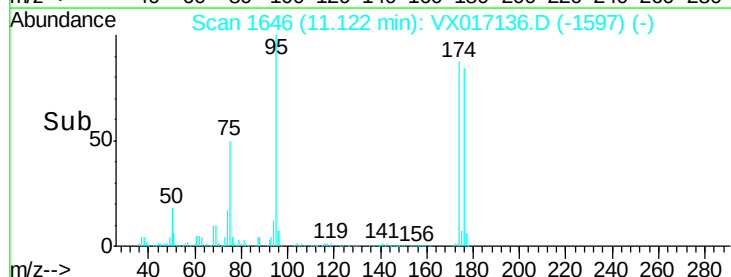
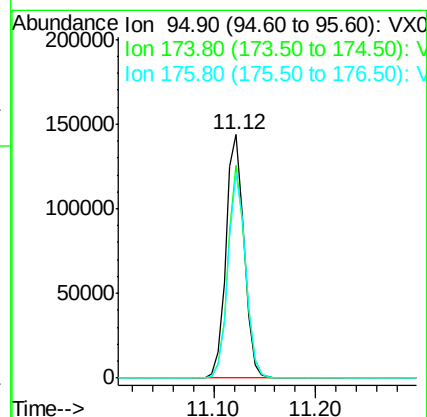
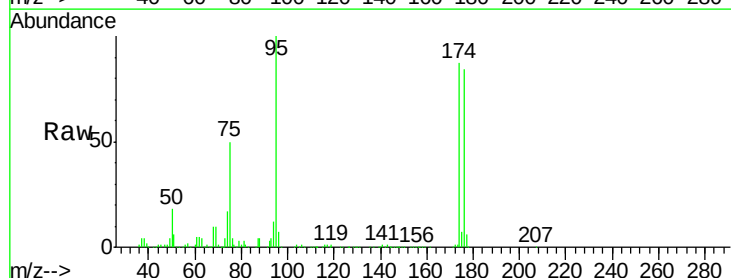
Tgt Ion: 95 Resp: 178396

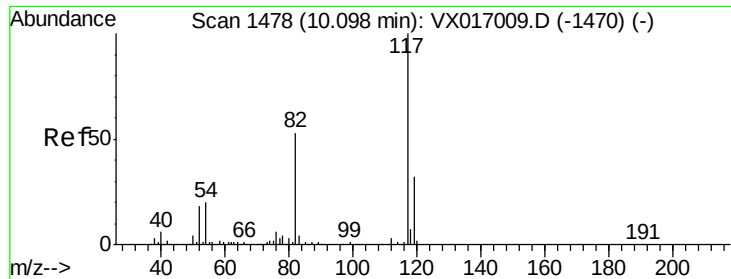
Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

176 81.2 0.0 157.6

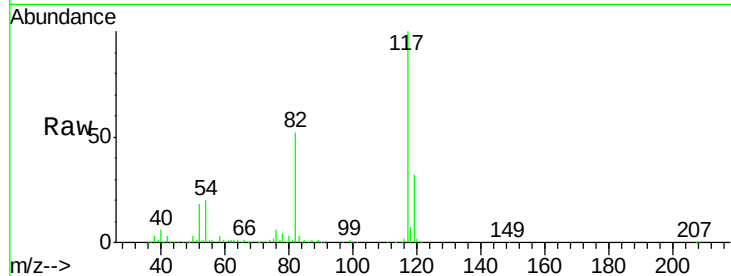




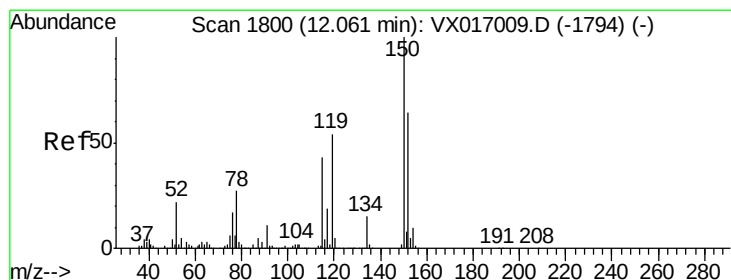
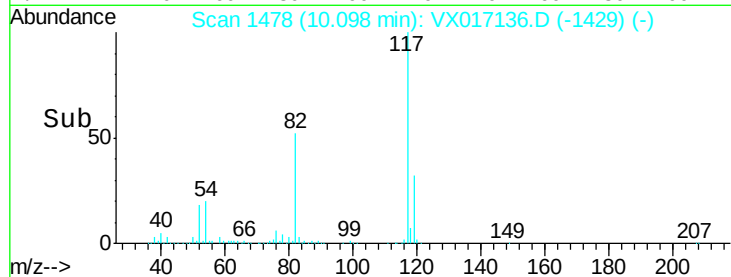
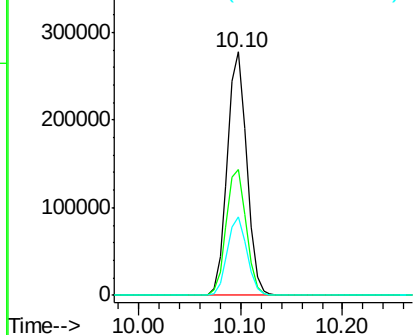
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017136.D
Acq: 02 Jul 2020 06:25

Instrument :
MSVOA_X
ClientSampleId :
64BR-20200629

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	63.8
119	32.0	25.4	38.2

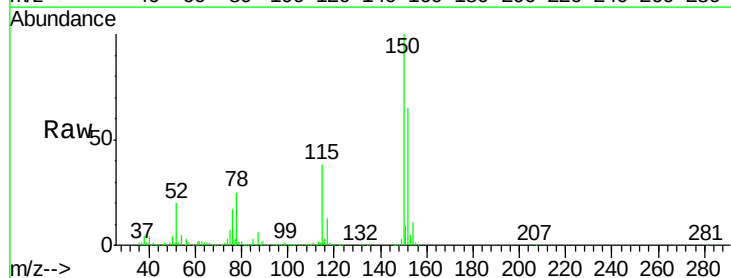


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017136.D
Acq: 02 Jul 2020 06:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	40.9	122.7
150	154.1	0.0	351.6



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

