

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018578.D
 Acq On : 24 Sep 2020 17:24
 Operator : JC/SP
 Sample : L4118-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20200919

Quant Time: Sep 25 02:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

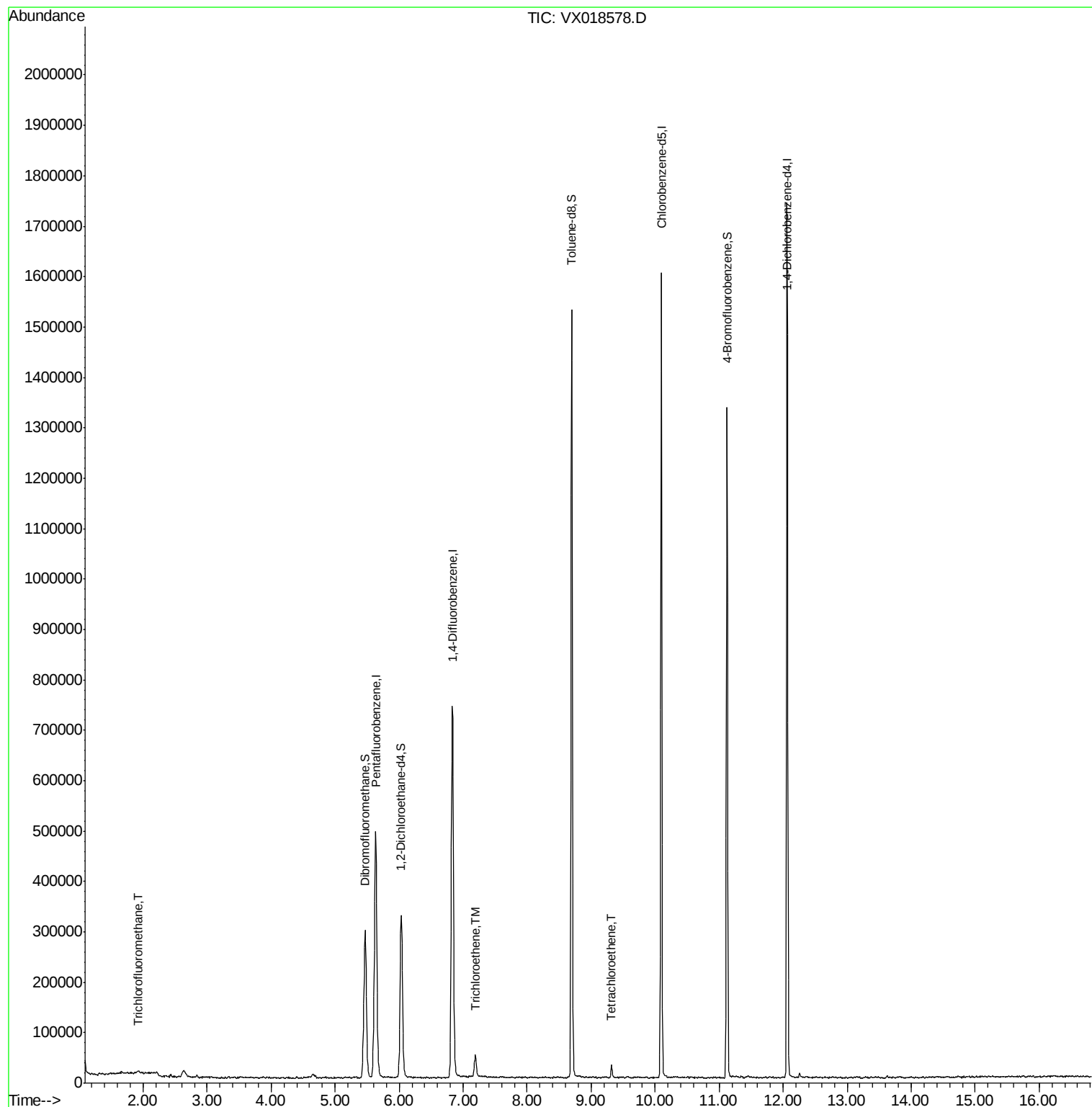
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	446172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	714445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	702691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340880	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	325961	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	5.47	113	250127	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	8.70	98	891798	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.12	95	328191	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
Target Compounds						
7) Trichlorofluoromethane	1.92	101	2547	0.320	ug/l #	72
44) Trichloroethene	7.19	130	15582	2.709	ug/l	98
64) Tetrachloroethene	9.32	164	4277	0.773	ug/l	94

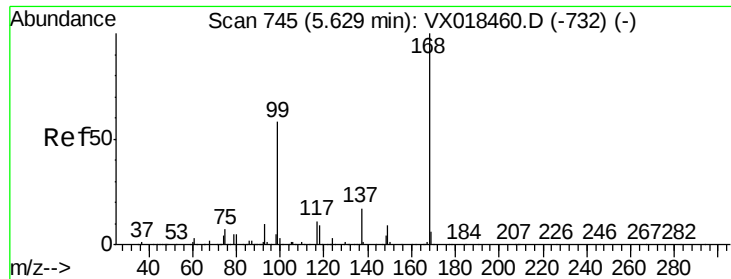
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018578.D

Acq: 24 Sep 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

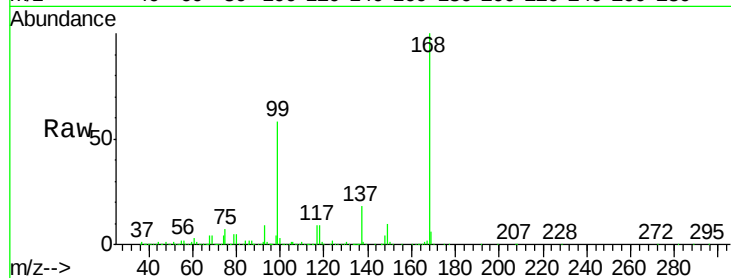
MW201D1-20200919

Tot Ion:168 Resp: 446172

Ion Ratio Lower Upper

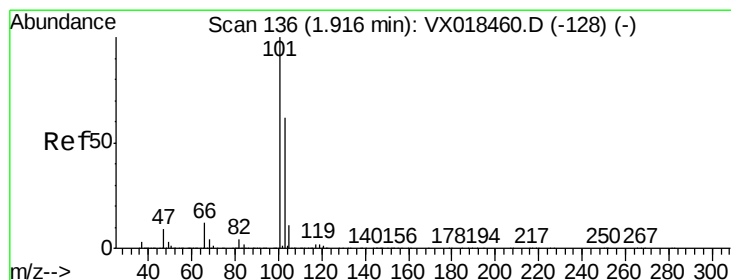
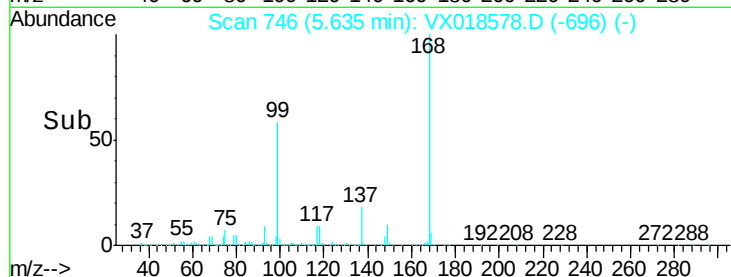
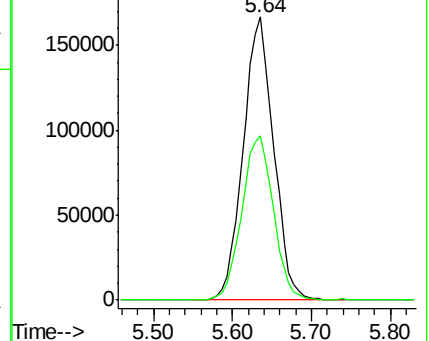
168 100

99 58.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#7

Trichlorofluoromethane

Concen: 0.320 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX018578.D

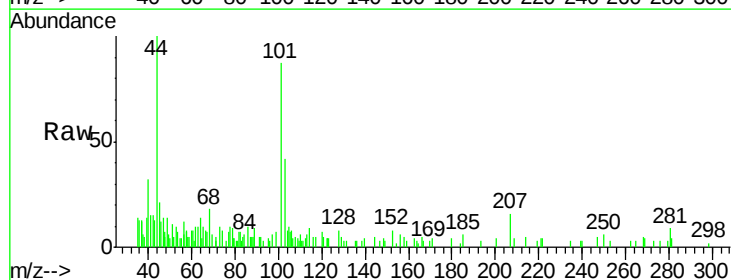
Acq: 24 Sep 2020 17:24

Tgt Ion:101 Resp: 2547

Ion Ratio Lower Upper

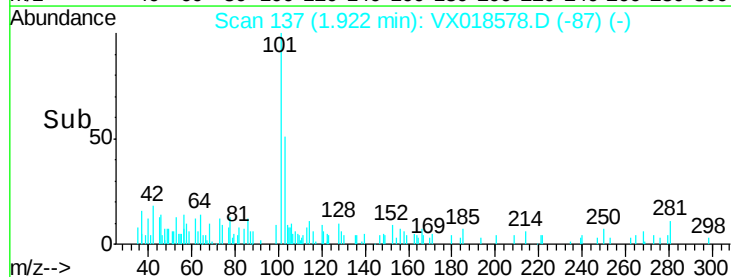
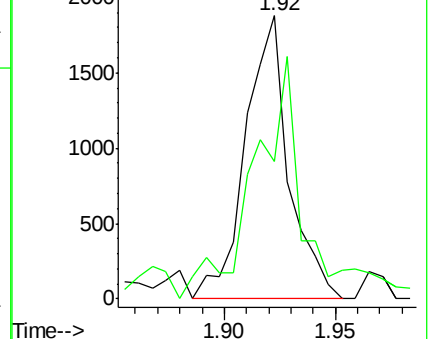
101 100

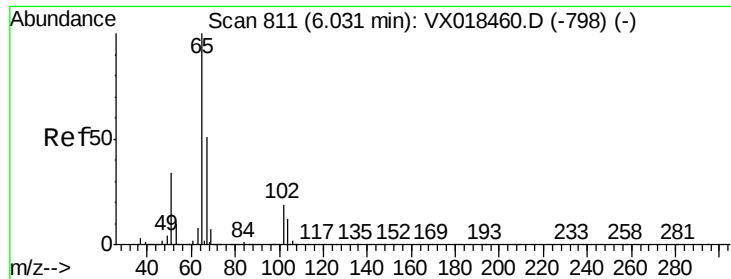
103 40.6 49.6 74.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#33

1,2-Dichloroethane-d4

Concen: 51.643 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018578.D

Acq: 24 Sep 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

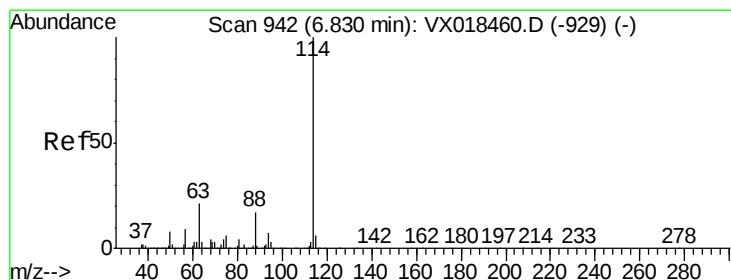
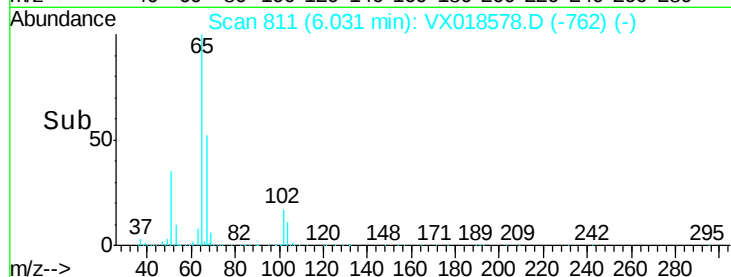
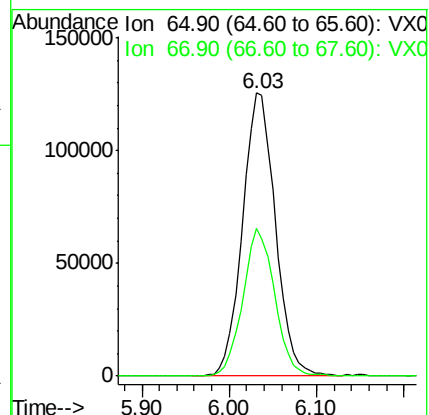
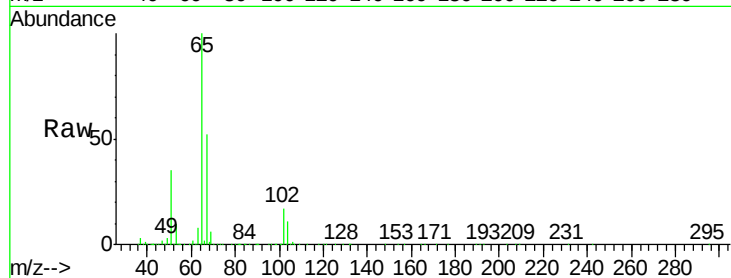
MW201D1-20200919

Tot Ion: 65 Resp: 325961

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018578.D

Acq: 24 Sep 2020 17:24

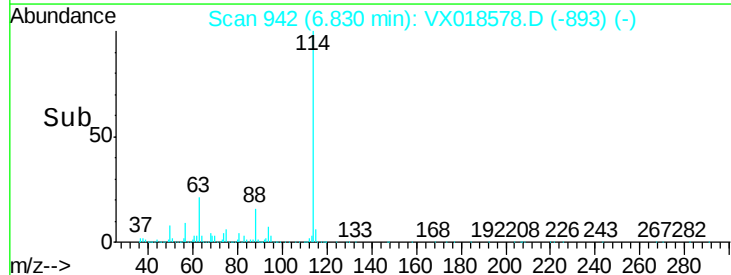
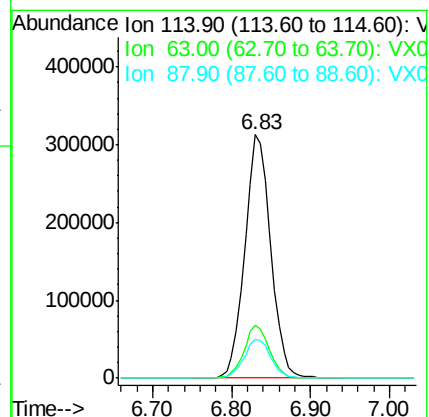
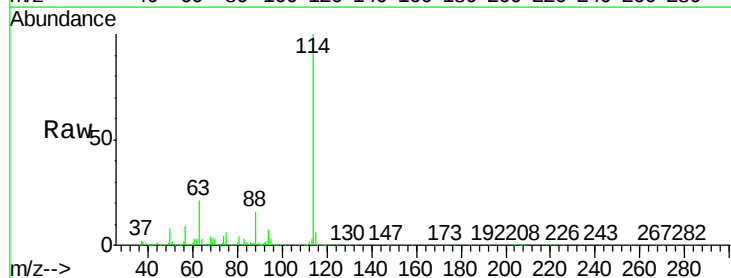
Tgt Ion: 114 Resp: 714445

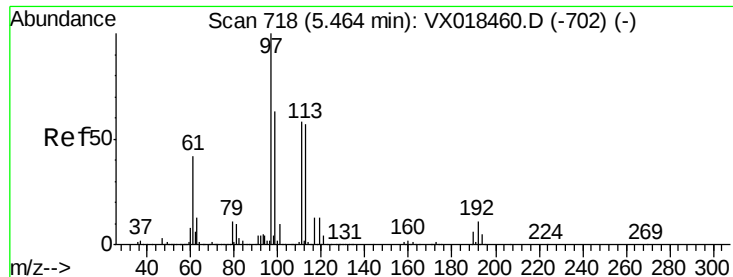
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 15.9 0.0 33.6

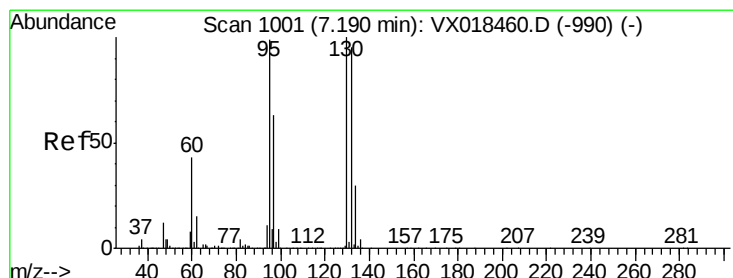
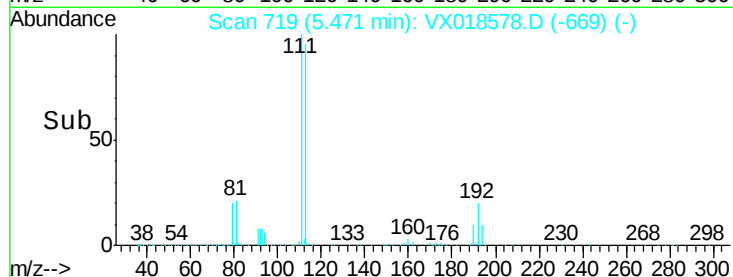
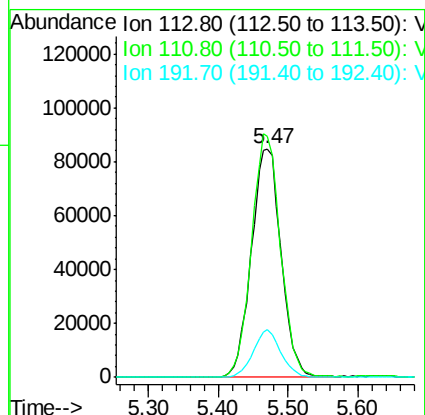
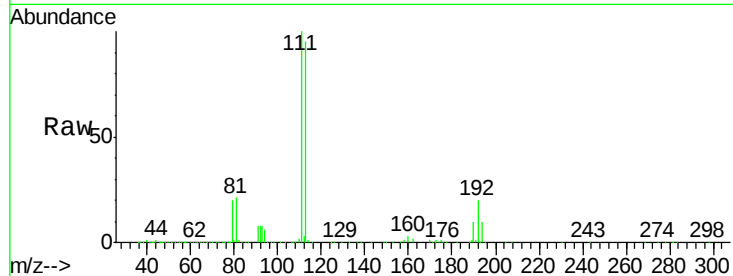




#35
 Dibromofluoromethane
 Concen: 50.643 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018578.D
 Acq: 24 Sep 2020 17:24

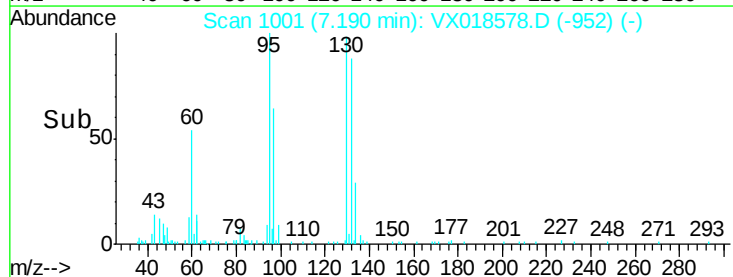
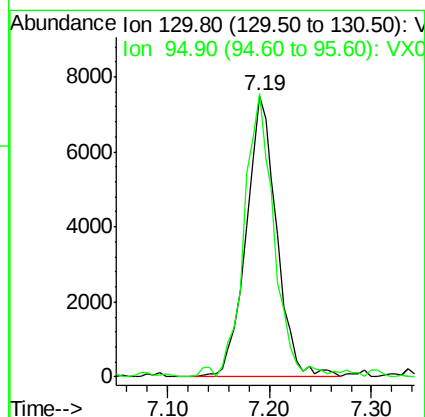
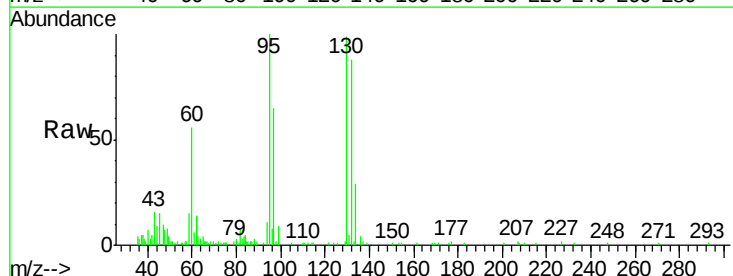
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D1-20200919

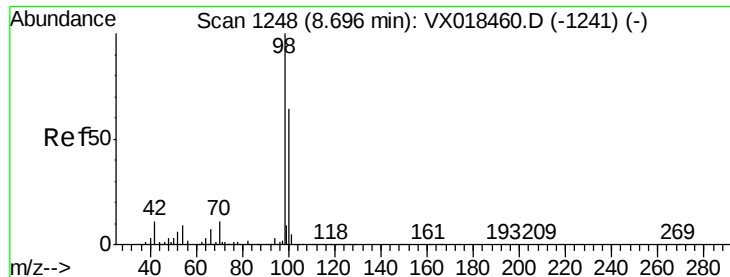
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.2
192	19.5	16.6	24.8



#44
 Trichloroethene
 Concen: 2.709 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018578.D
 Acq: 24 Sep 2020 17:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	197.4





#50

Toluene-d8

Concen: 49.695 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018578.D

Acq: 24 Sep 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

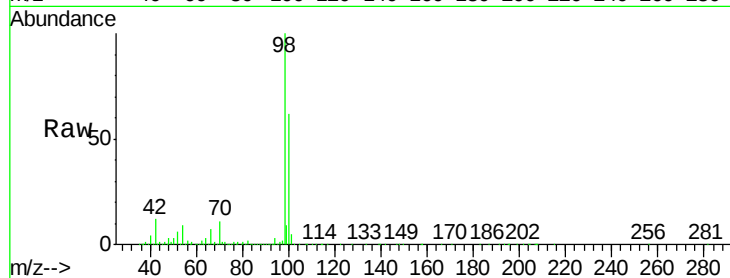
MW201D1-20200919

Tot Ion: 98 Resp: 891798

Ion Ratio Lower Upper

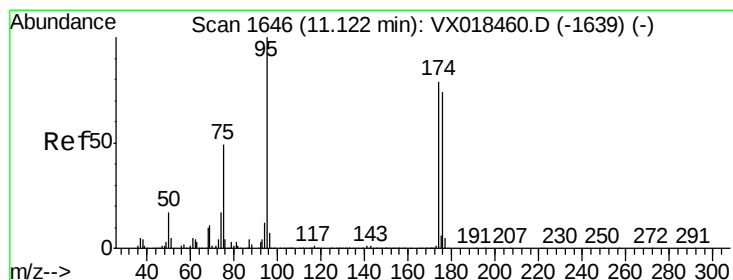
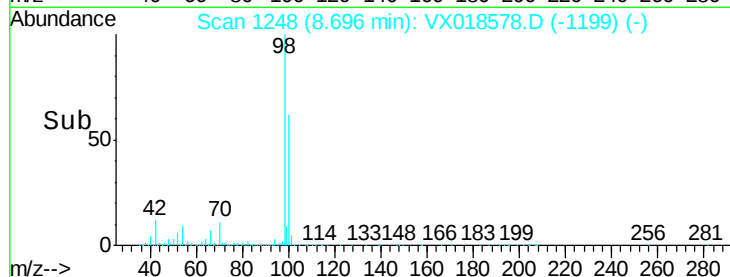
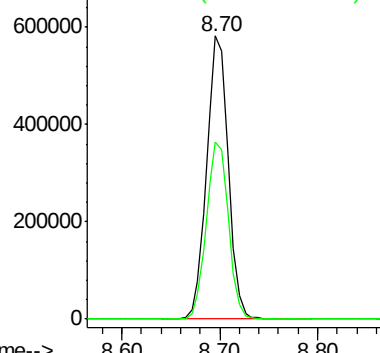
98 100

100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.977 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018578.D

Acq: 24 Sep 2020 17:24

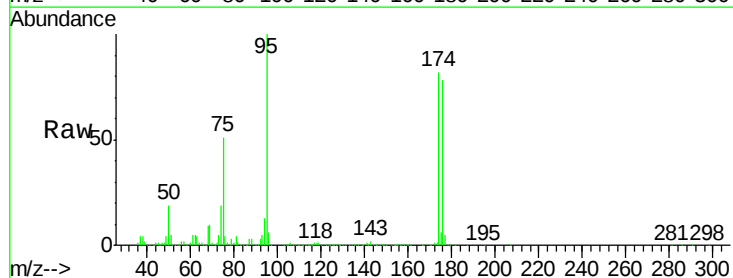
Tgt Ion: 95 Resp: 328191

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.4

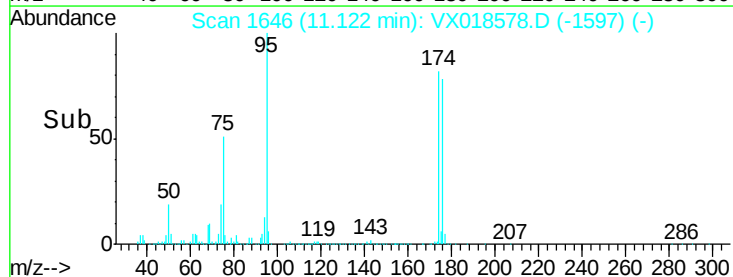
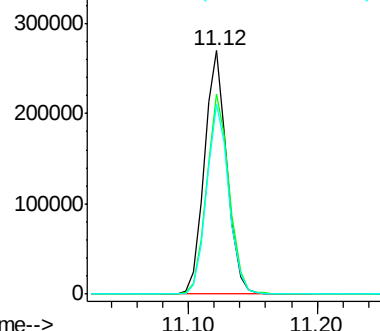
176 77.1 0.0 151.4

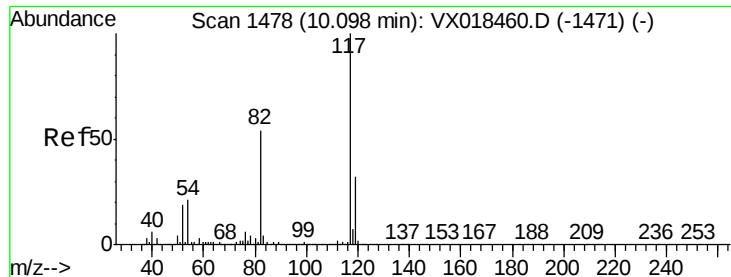


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

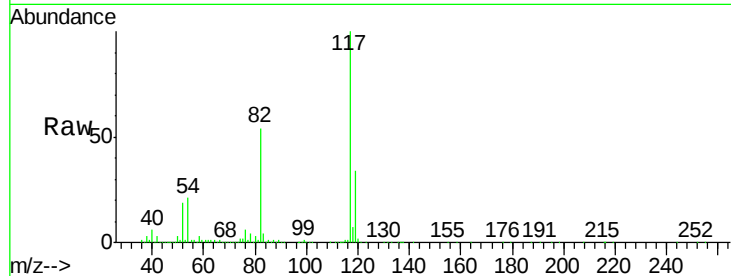




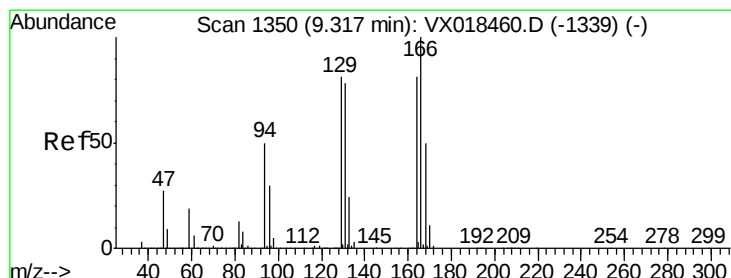
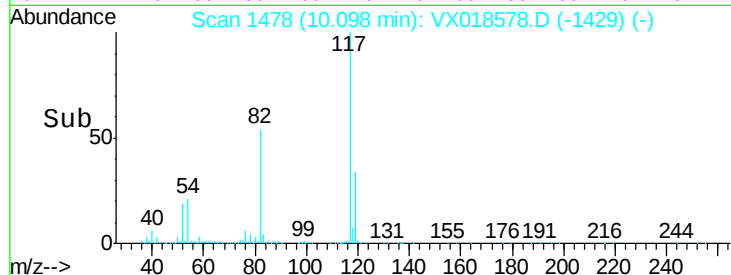
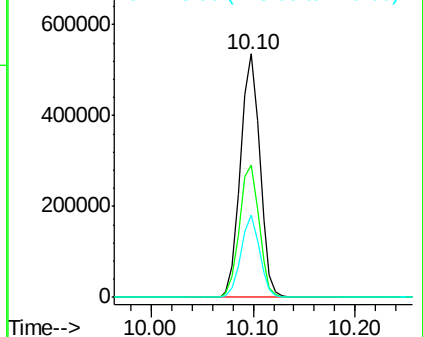
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018578.D
Acq: 24 Sep 2020 17:24

Instrument :
MSVOA_X
ClientSampleId :
MW201D1-20200919

Tot Ion:117 Resp: 702691
Ion Ratio Lower Upper
117 100
82 54.3 43.3 64.9
119 33.7 25.9 38.9

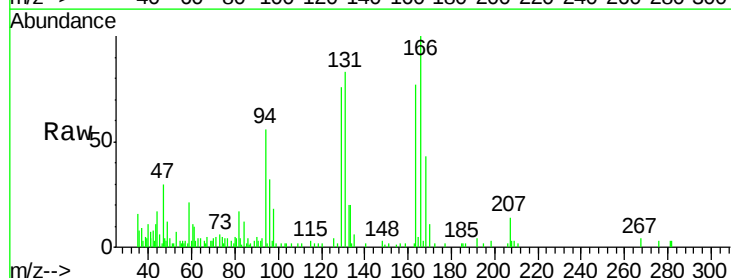


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

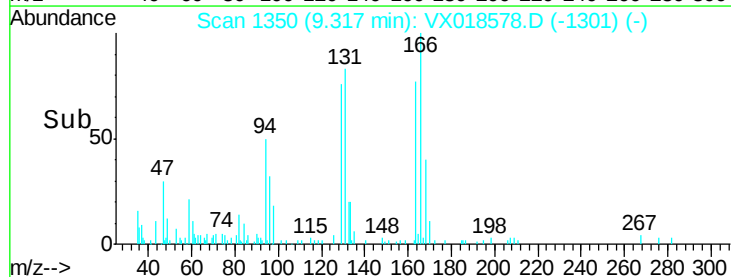
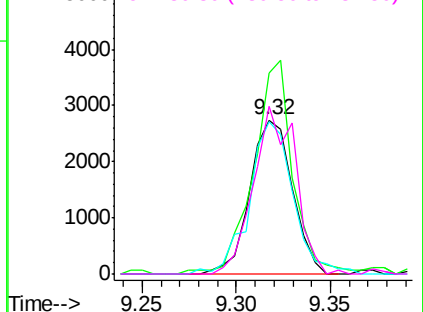


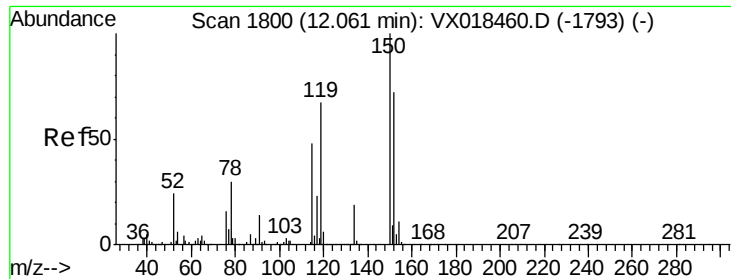
#64
Tetrachloroethene
Concen: 0.773 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018578.D
Acq: 24 Sep 2020 17:24

Tgt Ion:164 Resp: 4277
Ion Ratio Lower Upper
164 100
166 128.0 99.3 148.9
129 98.7 80.7 121.1
131 108.5 77.2 115.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX018578.D

Acq: 24 Sep 2020 17:24

Instrument :

MSVOA_X

ClientSampleId :

MW201D1-20200919

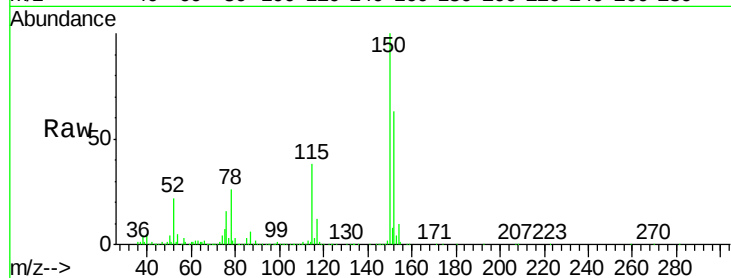
Tot Ion:152 Resp: 340880

Ion Ratio Lower Upper

152 100

115 61.3 41.8 125.4

150 158.1 0.0 342.4



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

