

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018579.D
 Acq On : 24 Sep 2020 17:46
 Operator : JC/SP
 Sample : L4118-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D-20200919

Quant Time: Sep 25 17:35:13 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

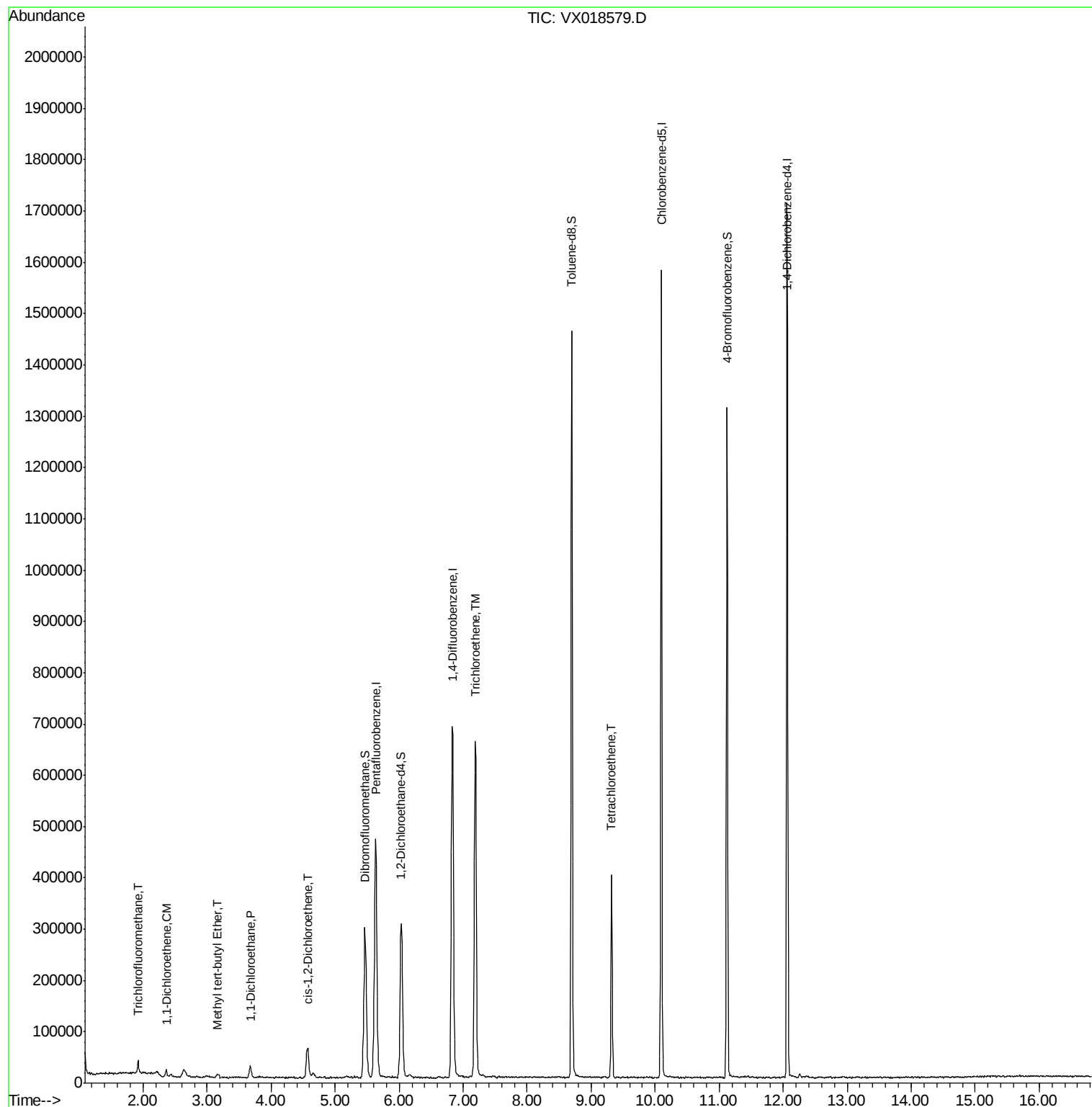
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	420315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	684771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	677587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	339483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	313367	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
35) Dibromofluoromethane	5.46	113	244512	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	8.70	98	852841	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	320910	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
7) Trichlorofluoromethane	1.92	101	16120	2.148	ug/l #	83
12) 1,1-Dichloroethene	2.36	96	5519	1.356	ug/l	82
19) Methyl tert-butyl Ether	3.17	73	5470	0.383	ug/l #	84
24) 1,1-Dichloroethane	3.67	63	24283	2.840	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	37431	7.059	ug/l	88
44) Trichloroethene	7.19	130	255182	46.279	ug/l	99
64) Tetrachloroethene	9.32	164	73800	13.834	ug/l	95

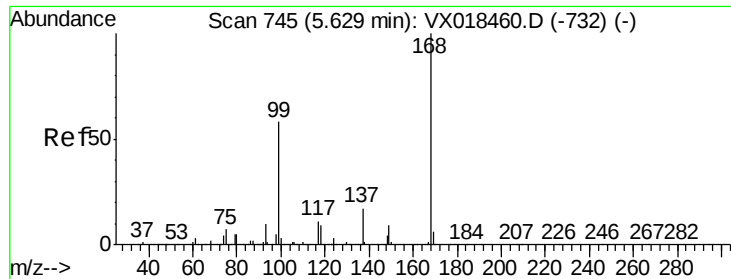
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092420\
Data File : VX018579.D
Acq On : 24 Sep 2020 17:46
Operator : JC/SP
Sample : L4118-15
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20200919

Quant Time: Sep 25 17:35:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration



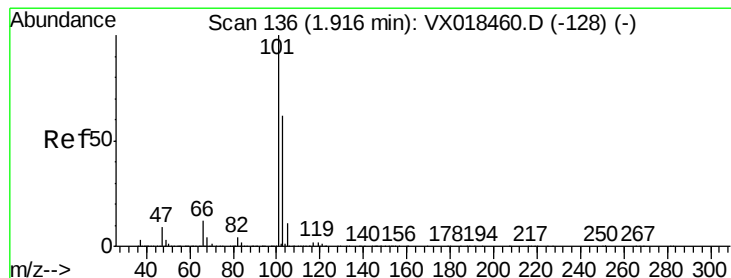
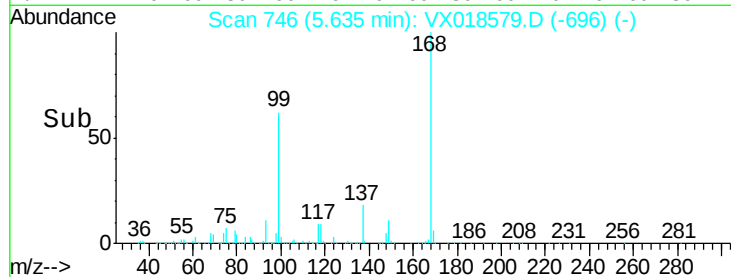
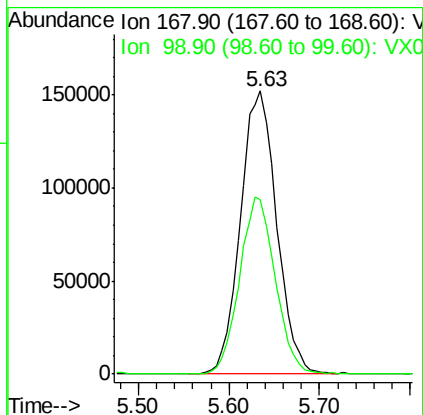
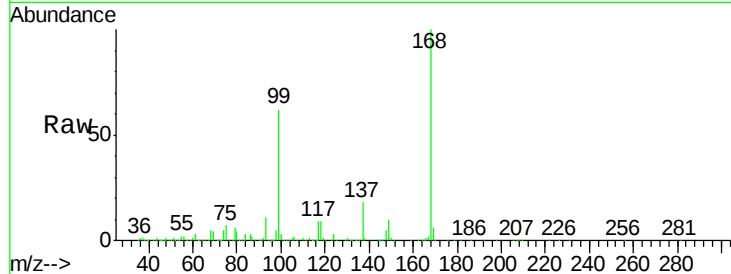


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX018579.D
Acq: 24 Sep 2020 17:46

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20200919

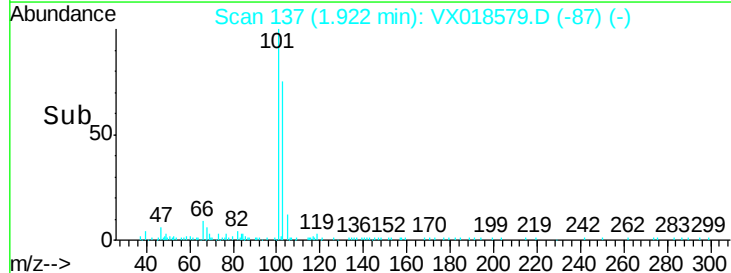
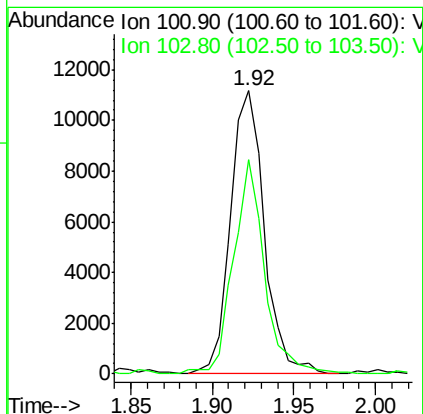
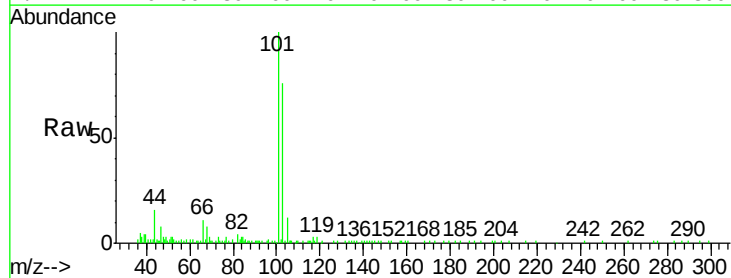
Tot Ion:168 Resp: 420315
Ion Ratio Lower Upper
168 100
99 61.7 46.5 69.7

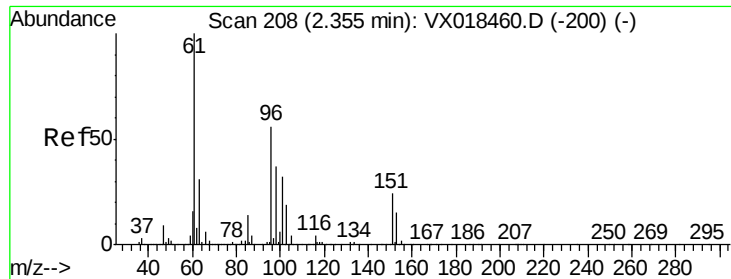


#7

Trichlorofluoromethane
Concen: 2.148 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018579.D
Acq: 24 Sep 2020 17:46

Tgt Ion:101 Resp: 16120
Ion Ratio Lower Upper
101 100
103 75.0 49.6 74.4#





#12

1,1-Dichloroethene

Concen: 1.356 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20200919

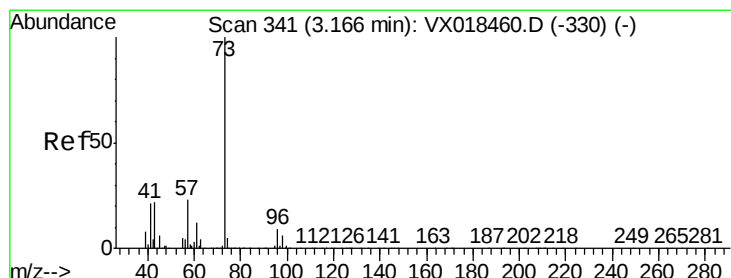
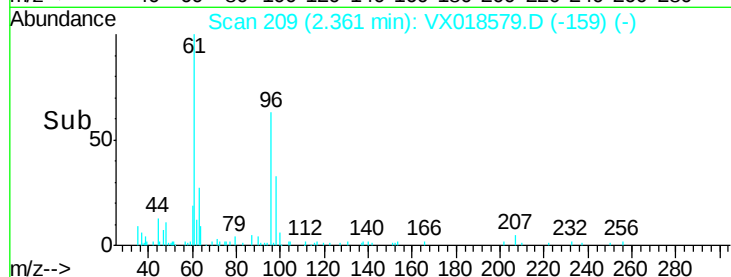
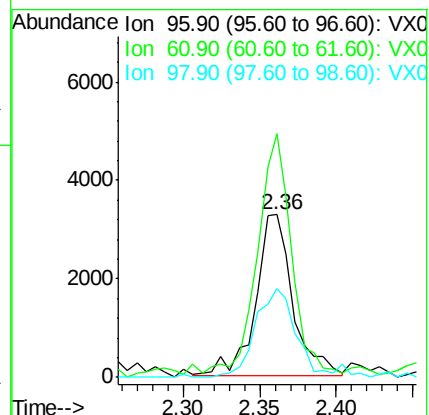
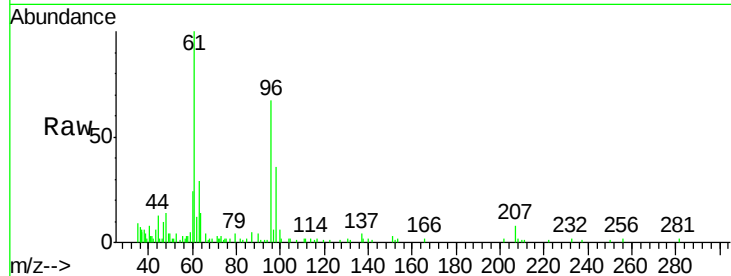
Tot Ion: 96 Resp: 5519

Ion Ratio Lower Upper

96 100

61 150.2 142.2 213.4

98 55.8 52.4 78.6



#19

Methyl tert-butyl Ether

Concen: 0.383 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX018579.D

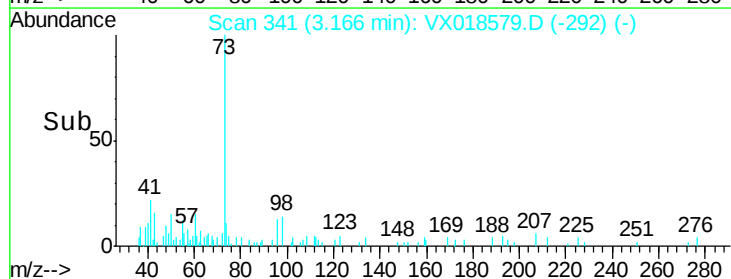
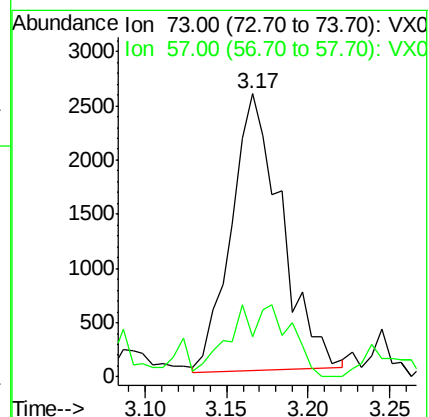
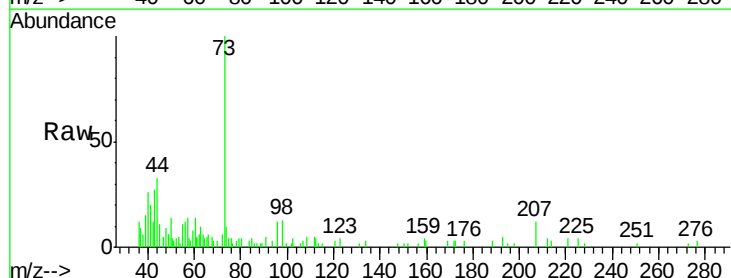
Acq: 24 Sep 2020 17:46

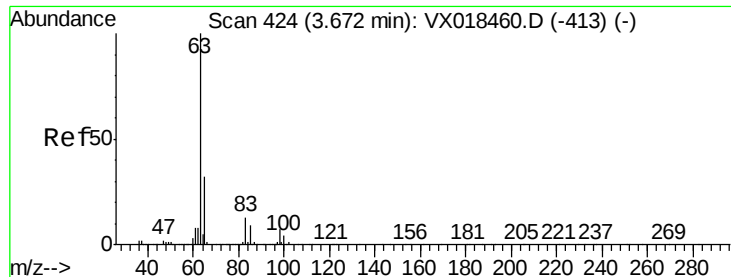
Tgt Ion: 73 Resp: 5470

Ion Ratio Lower Upper

73 100

57 14.6 18.0 27.0#





#24

1,1-Dichloroethane

Concen: 2.840 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20200919

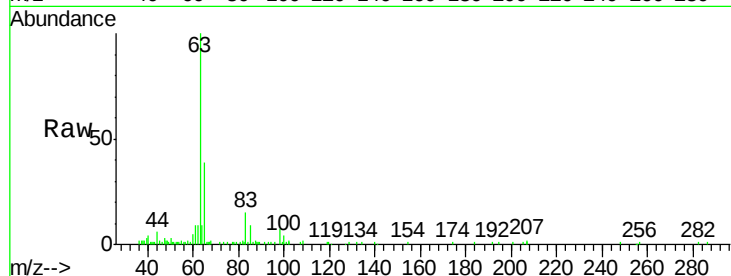
Tot Ion: 63 Resp: 24283

Ion Ratio Lower Upper

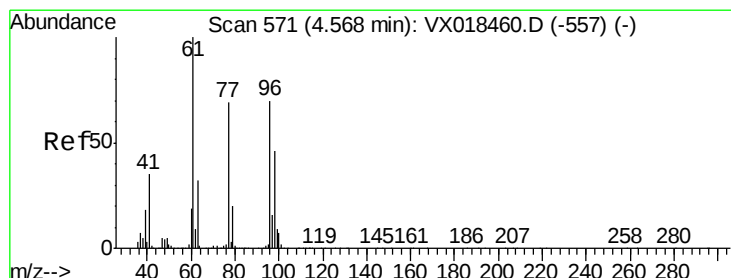
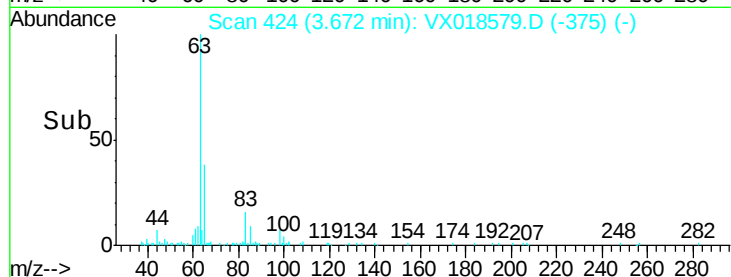
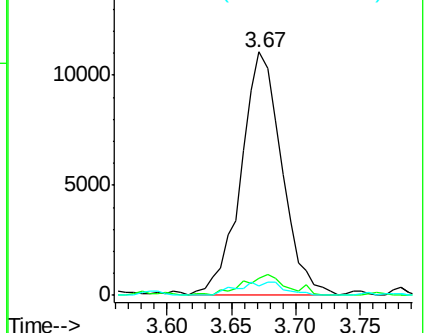
63 100

98 7.2 3.5 10.6

100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 7.059 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

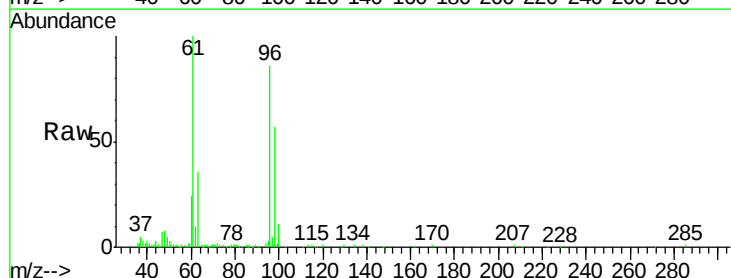
Tgt Ion: 96 Resp: 37431

Ion Ratio Lower Upper

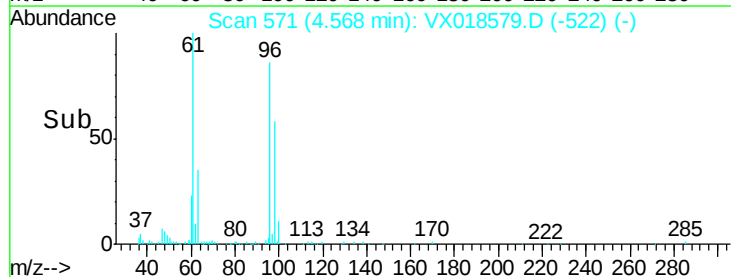
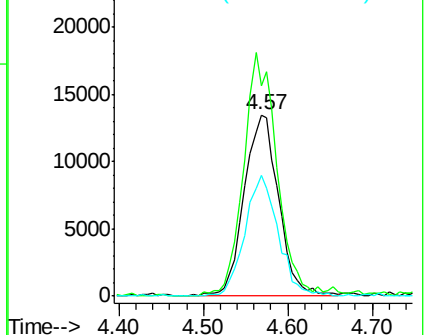
96 100

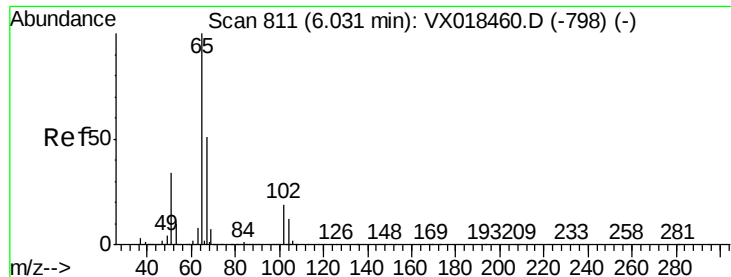
61 129.4 0.0 300.0

98 64.3 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.702 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

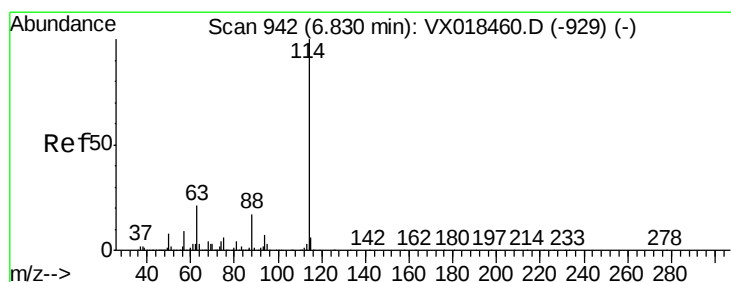
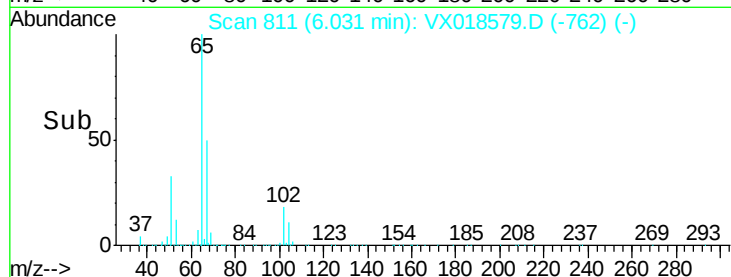
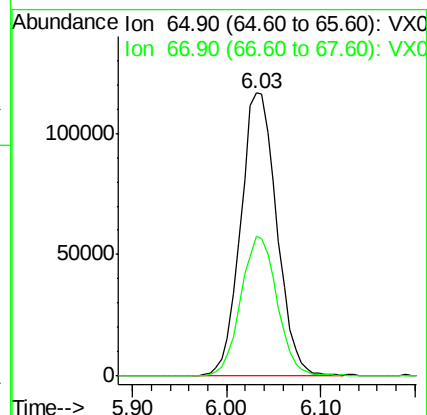
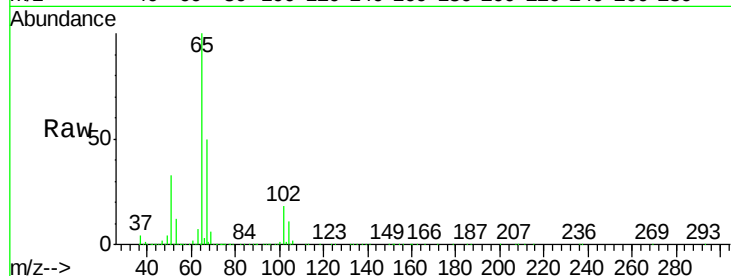
MW202D-20200919

Tot Ion: 65 Resp: 313367

Ion Ratio Lower Upper

65 100

67 49.6 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: VX018579.D

Acq: 24 Sep 2020 17:46

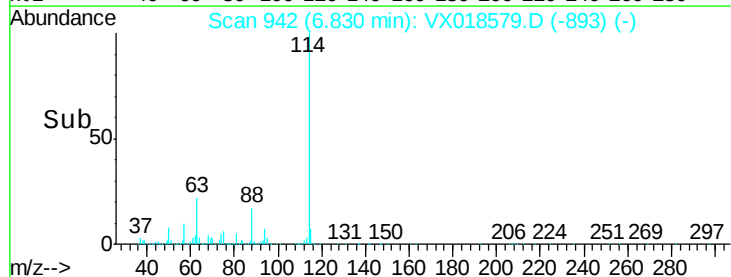
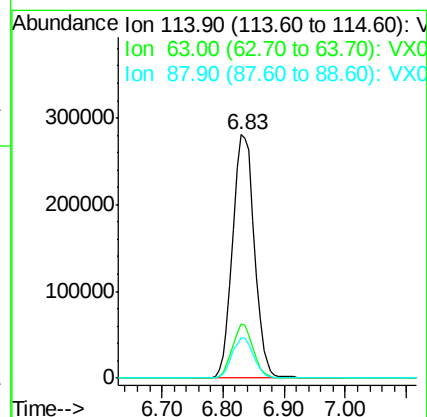
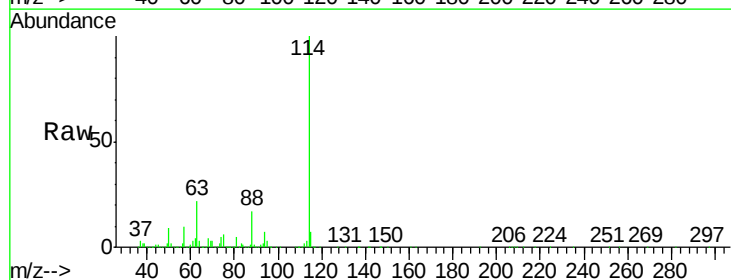
Tgt Ion: 114 Resp: 684771

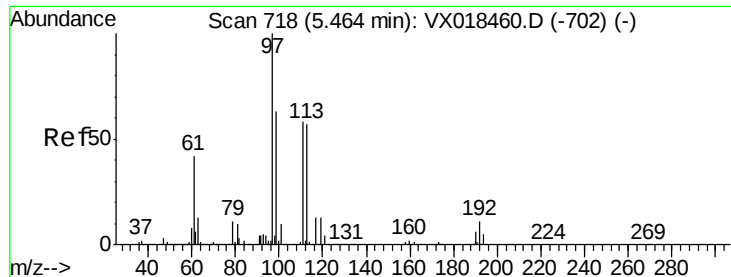
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.8

88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.651 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20200919

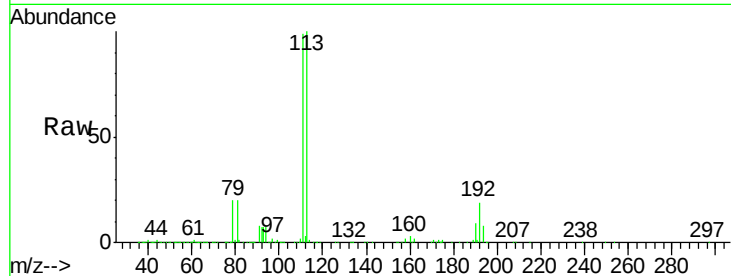
Tot Ion:113 Resp: 244512

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

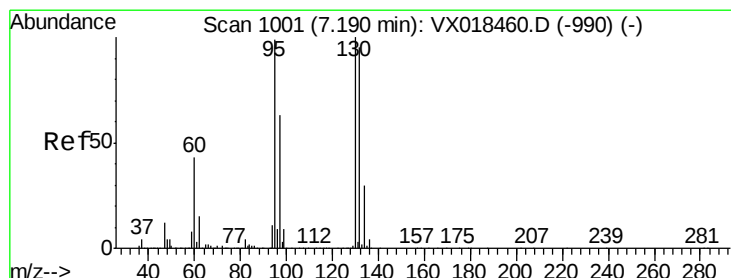
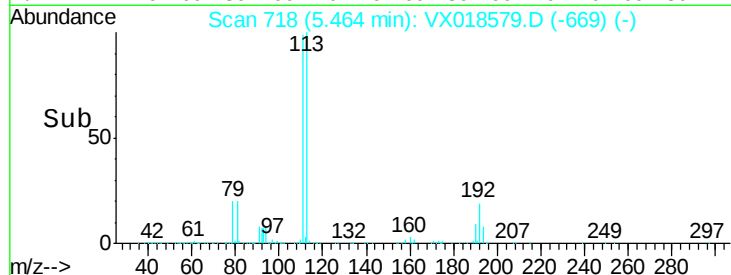
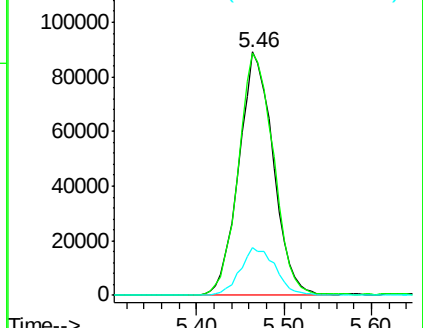
192 20.2 16.6 24.8



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



#44

Trichloroethene

Concen: 46.279 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018579.D

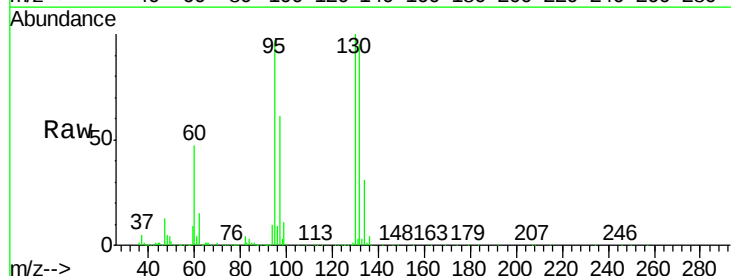
Acq: 24 Sep 2020 17:46

Tgt Ion:130 Resp: 255182

Ion Ratio Lower Upper

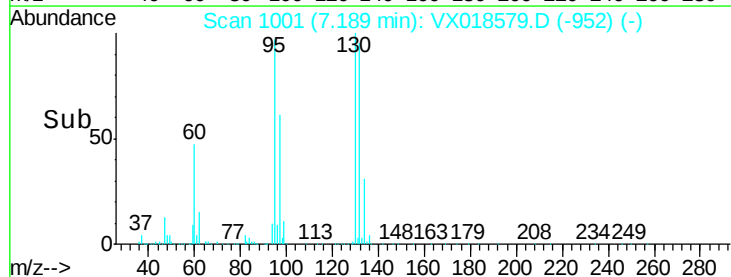
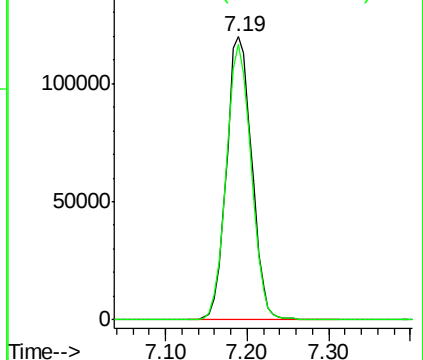
130 100

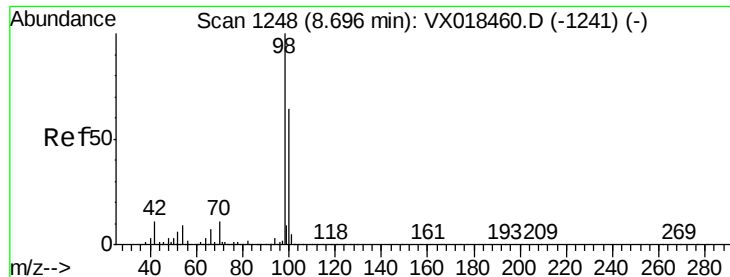
95 97.4 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.584 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

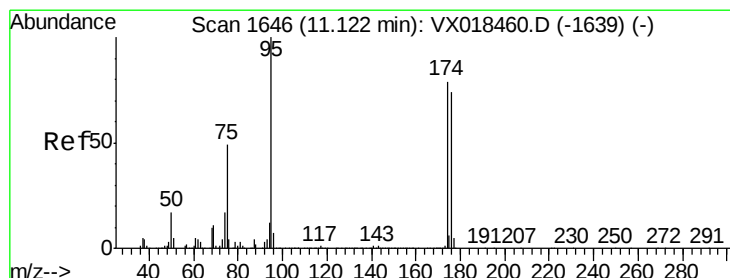
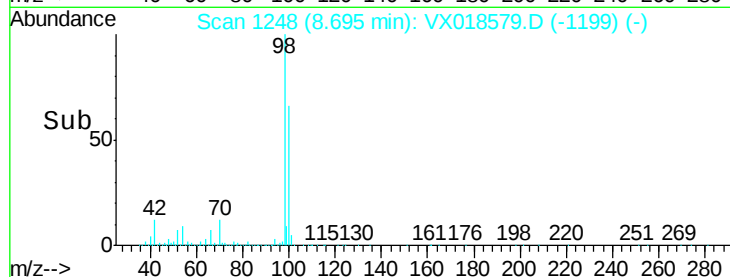
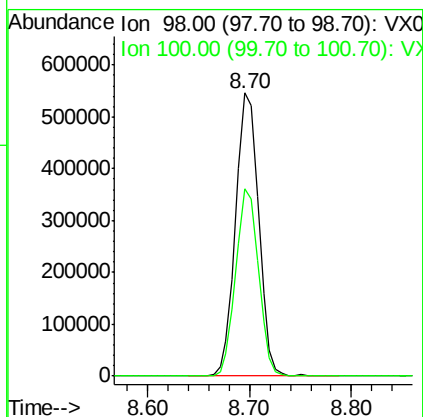
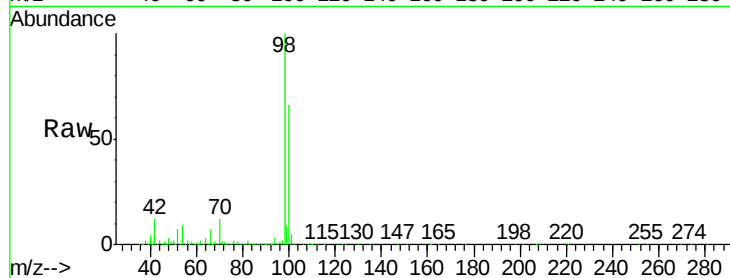
MW202D-20200919

Tot Ion: 98 Resp: 852841

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.905 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

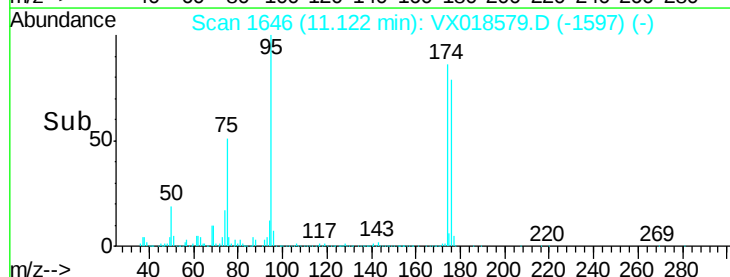
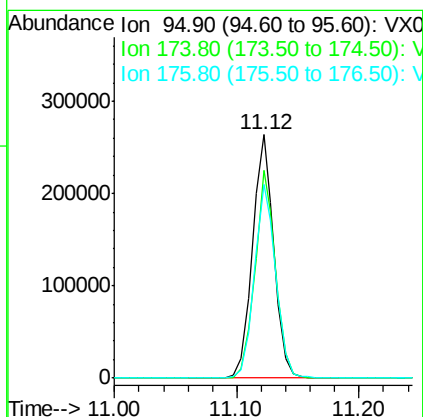
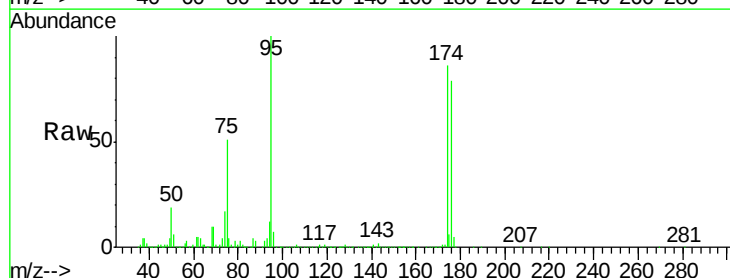
Tgt Ion: 95 Resp: 320910

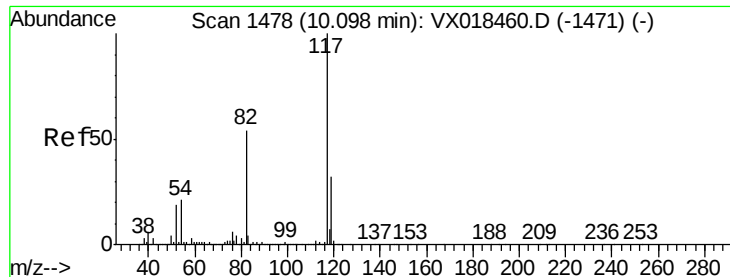
Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.4

176 80.1 0.0 151.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20200919

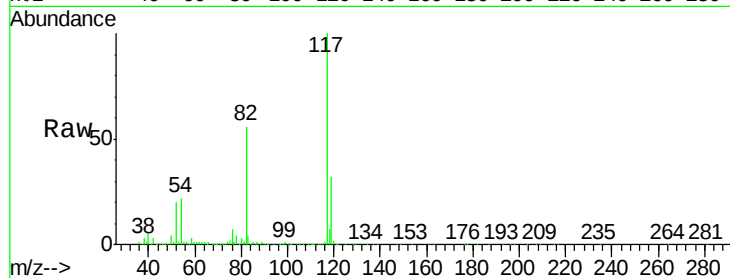
Tot Ion:117 Resp: 677587

Ion Ratio Lower Upper

117 100

82 56.0 43.3 64.9

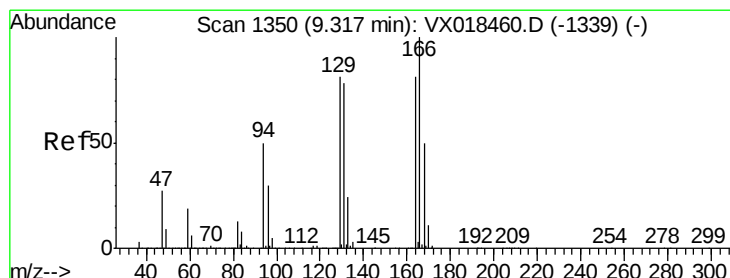
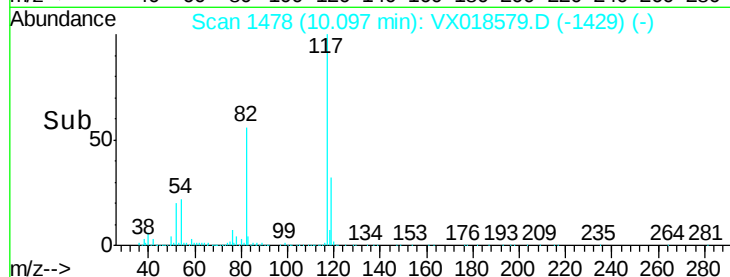
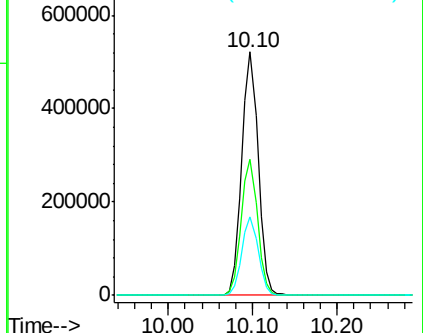
119 32.3 25.9 38.9



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: 13.834 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018579.D

Acq: 24 Sep 2020 17:46

Tgt Ion:164 Resp: 73800

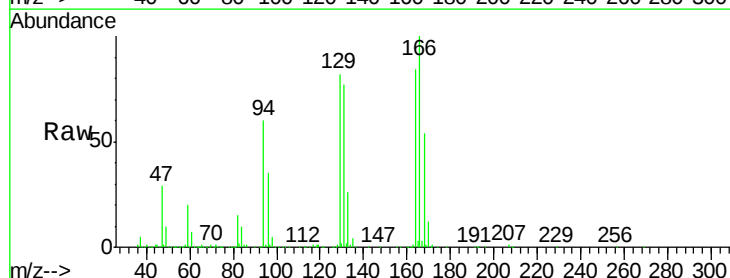
Ion Ratio Lower Upper

164 100

166 118.5 99.3 148.9

129 96.4 80.7 121.1

131 91.0 77.2 115.8

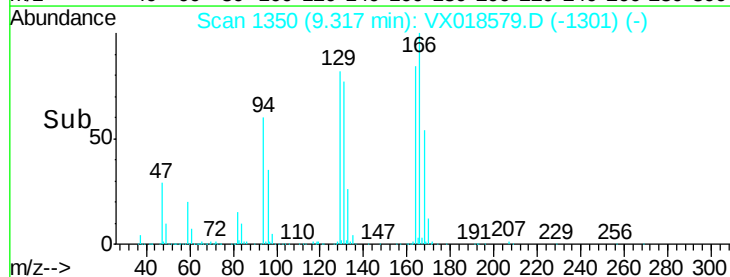
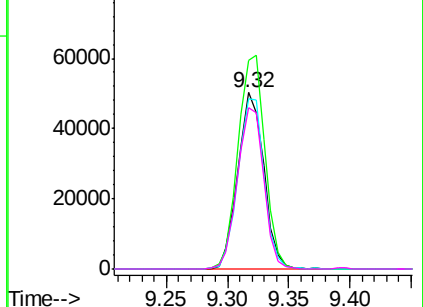


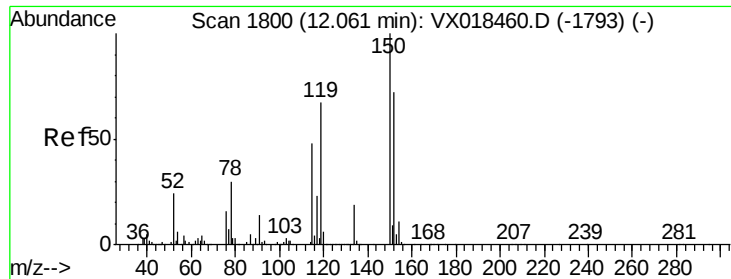
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX018579.D

Acq: 24 Sep 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

MW202D-20200919

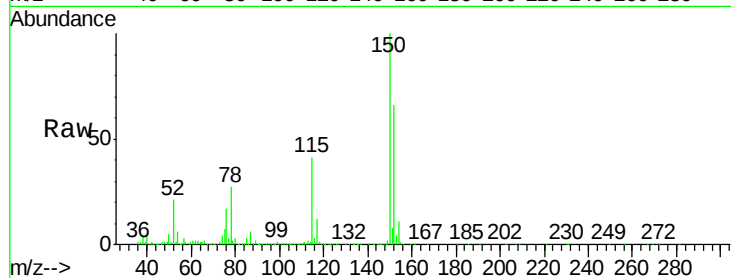
Tot Ion:152 Resp: 339483

Ion Ratio Lower Upper

152 100

115 60.8 41.8 125.4

150 155.6 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

