

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014060.D
 Acq On : 17 Dec 2019 18:32
 Operator : JC/SP
 Sample : K6251-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20191207

Quant Time: Dec 18 07:51:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

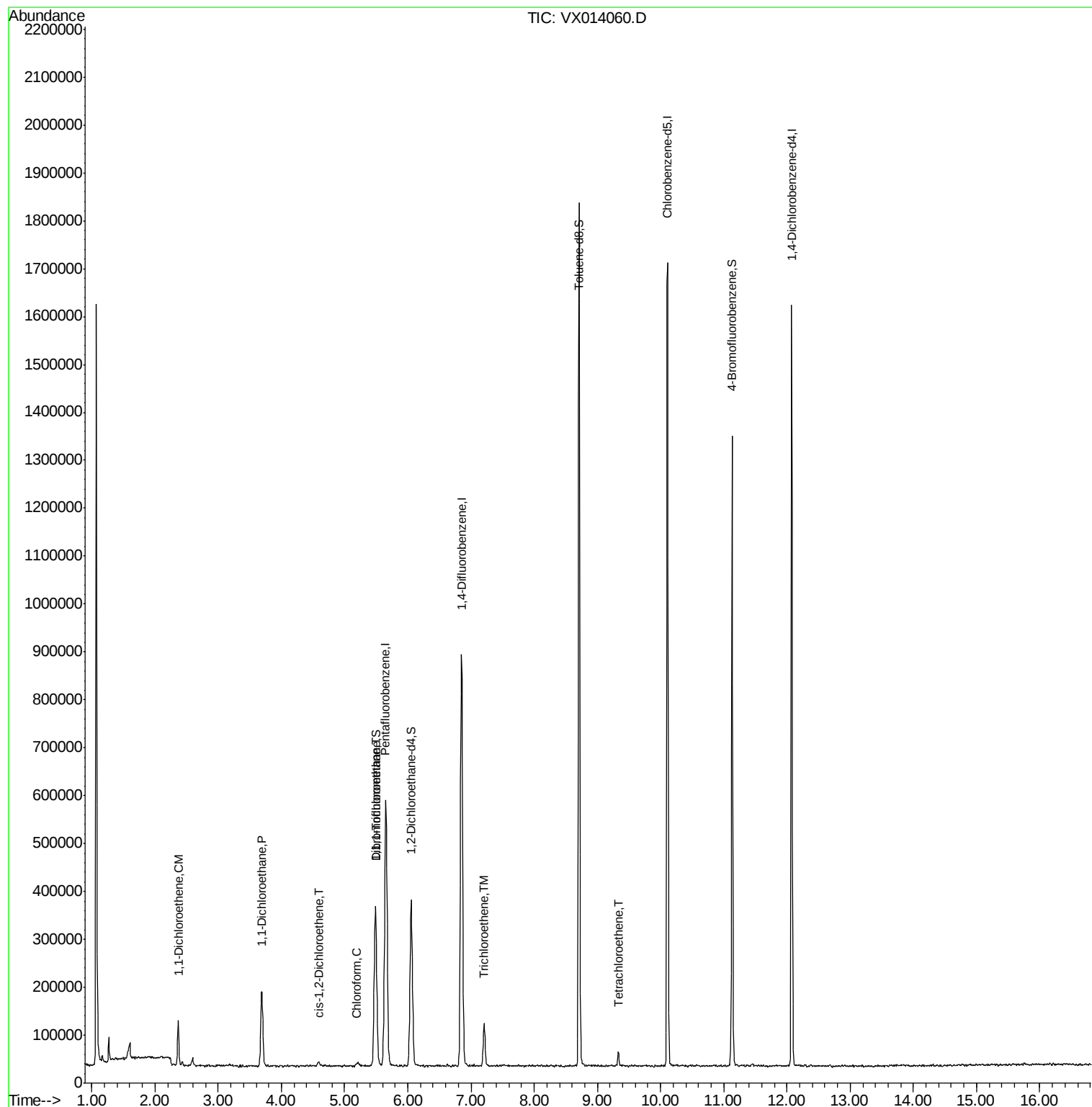
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	584187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	894774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	790574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	335196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	326120	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
35) Dibromofluoromethane	5.49	113	267543	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	1051634	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	344309	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	32715	5.822	ug/l	98
24) 1,1-Dichloroethane	3.69	63	181894	16.352	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	6449	0.921	ug/l	77
30) Chloroform	5.20	83	8885	0.843	ug/l	88
32) 1,1,1-Trichloroethane	5.48	97	25427	2.829	ug/l	95
44) Trichloroethene	7.20	130	38883	5.573	ug/l	98
64) Tetrachloroethene	9.33	164	6424	0.918	ug/l	93

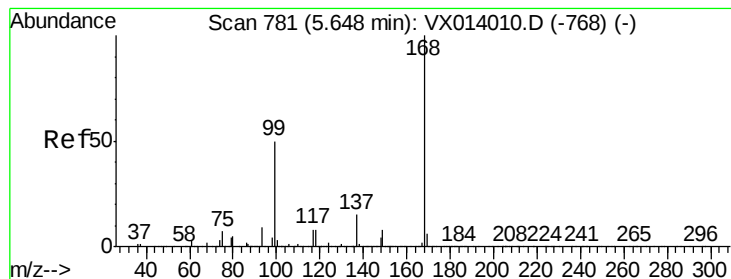
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121719\
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ClientSampleId :
MW203D1-20191207

Quant Time: Dec 18 07:51:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

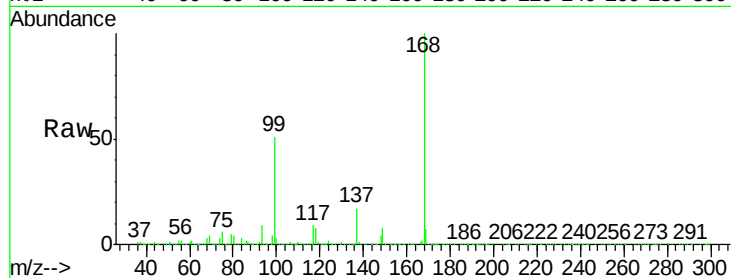
MW203D1-20191207

Tot Ion:168 Resp: 584187

Ion Ratio Lower Upper

168 100

99 50.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

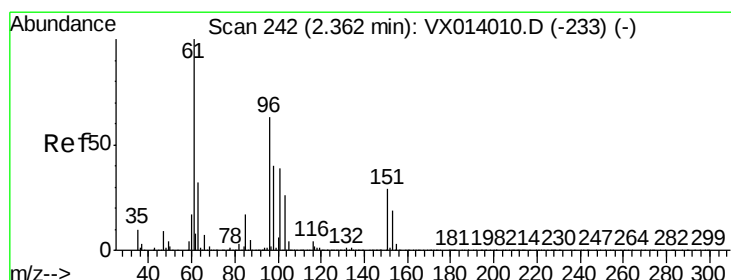
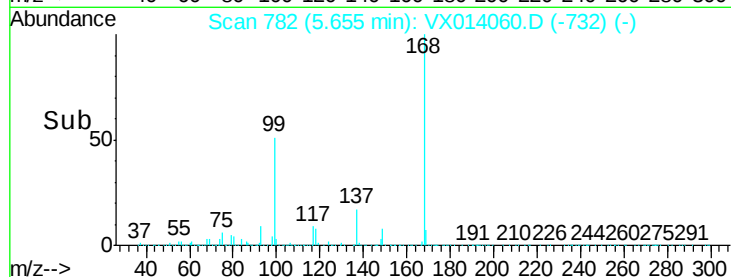
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 5.822 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

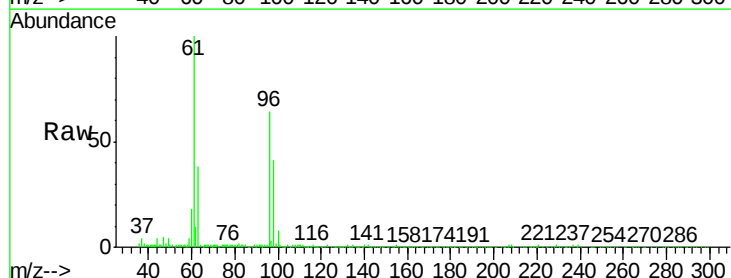
Tgt Ion: 96 Resp: 32715

Ion Ratio Lower Upper

96 100

61 157.1 127.9 191.9

98 63.4 50.5 75.7



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

40000

30000

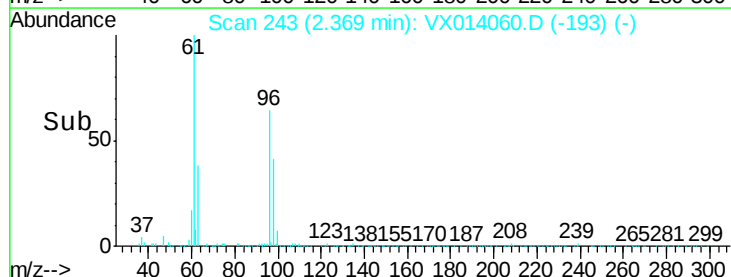
20000

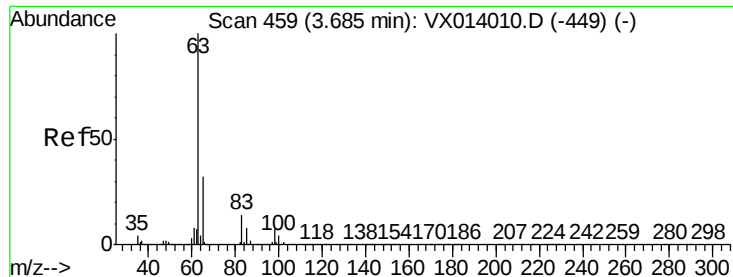
10000

0

Time-->

2.30 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 16.352 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20191207

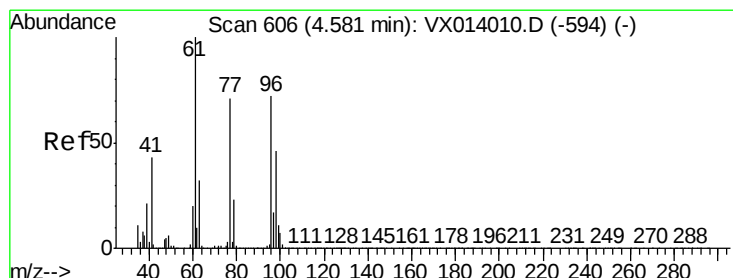
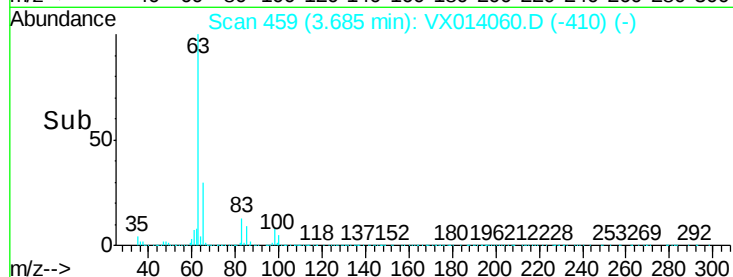
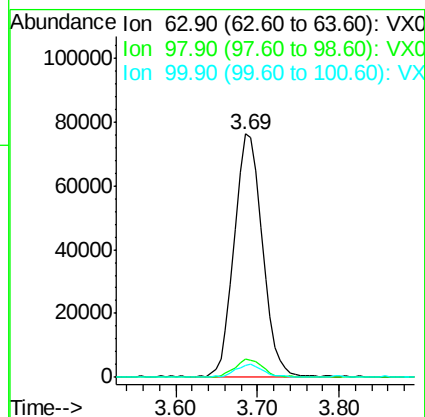
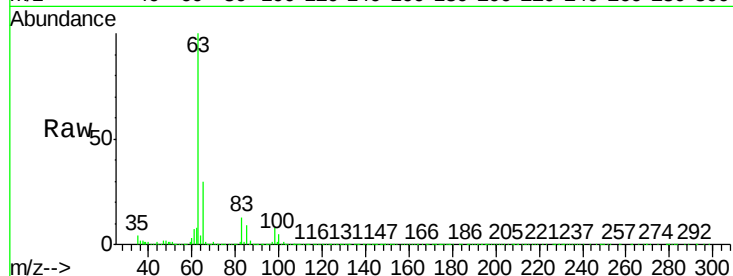
Tot Ion: 63 Resp: 181894

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.4 2.3 6.8



#27

cis-1,2-Dichloroethene

Concen: 0.921 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

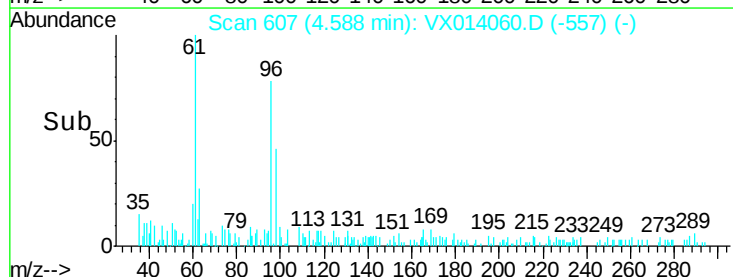
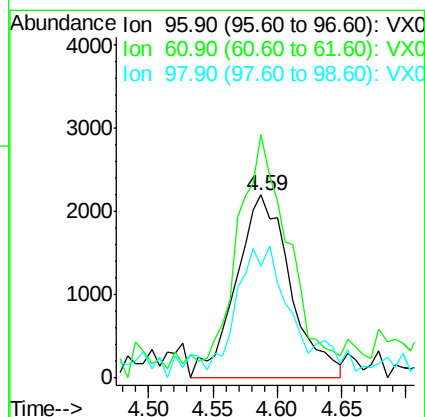
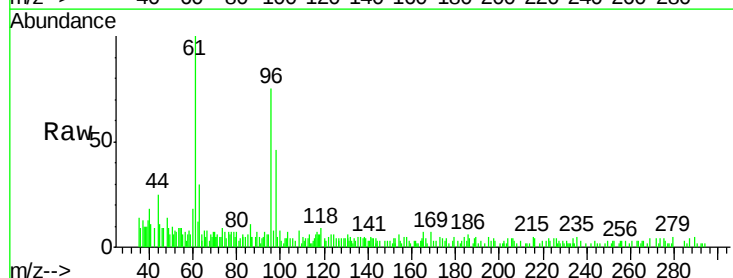
Tgt Ion: 96 Resp: 6449

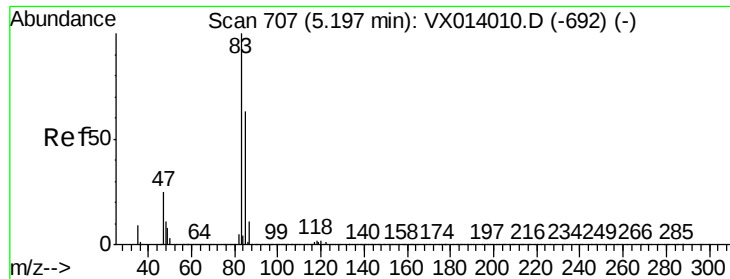
Ion Ratio Lower Upper

96 100

61 107.0 0.0 288.4

98 58.5 0.0 129.6

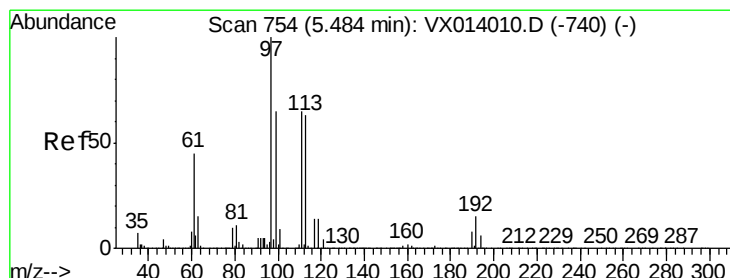
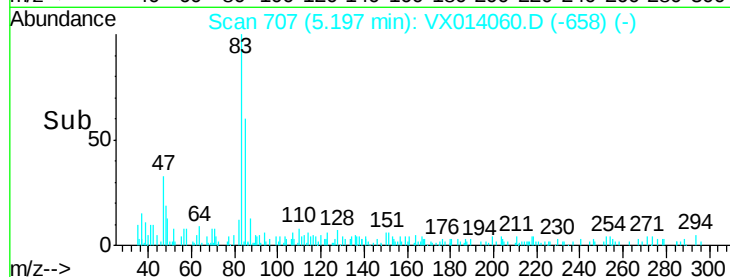
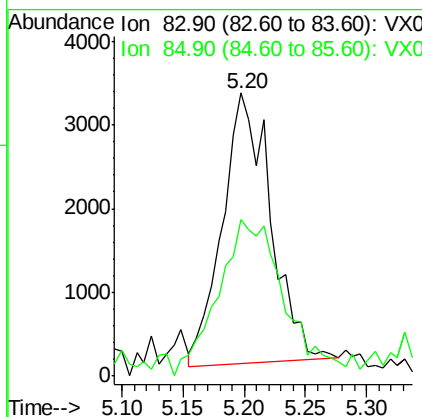
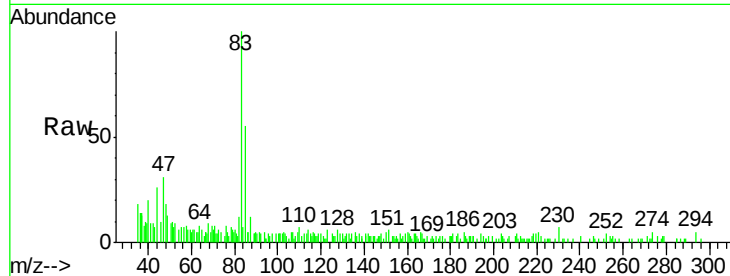




#30
Chloroform
Concen: 0.843 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

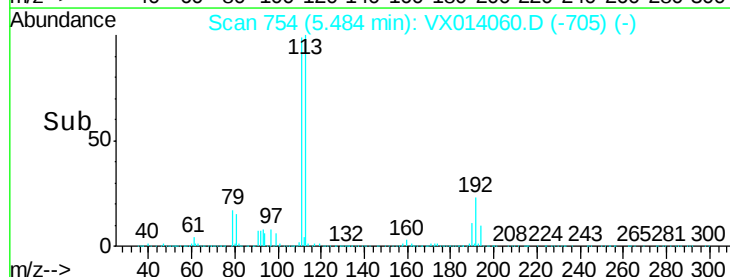
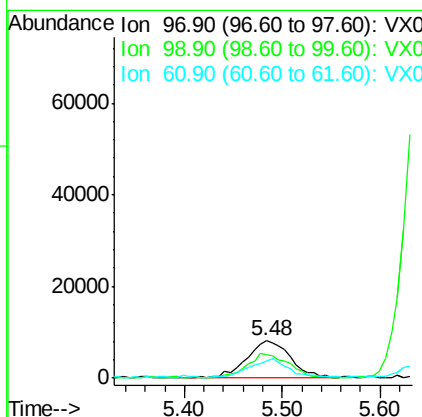
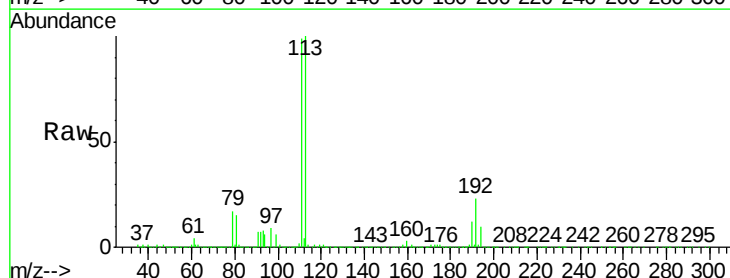
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

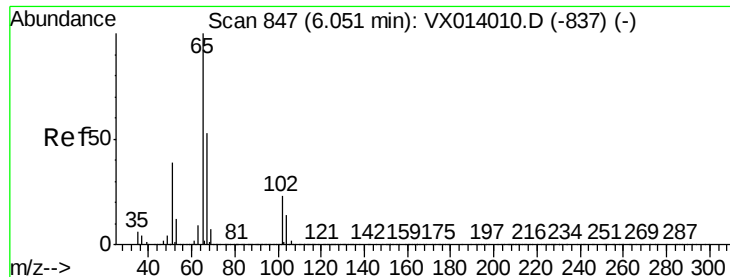
Tot Ion: 83 Resp: 8885
Ion Ratio Lower Upper
83 100
85 53.9 50.8 76.2



#32
1,1,1-Trichloroethane
Concen: 2.829 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion: 97 Resp: 25427
Ion Ratio Lower Upper
97 100
99 59.0 52.0 78.0
61 46.5 36.7 55.1

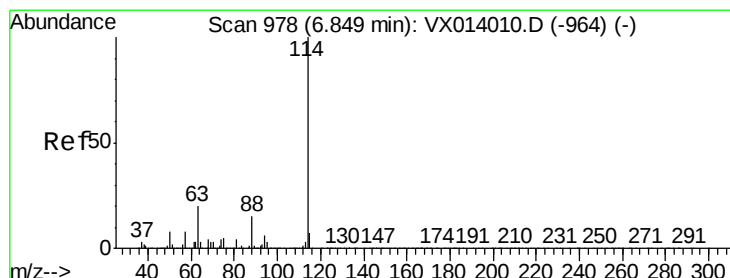
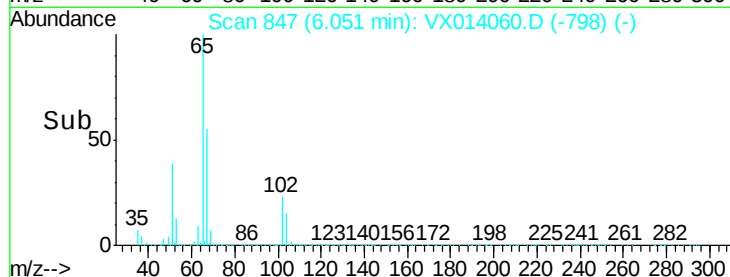
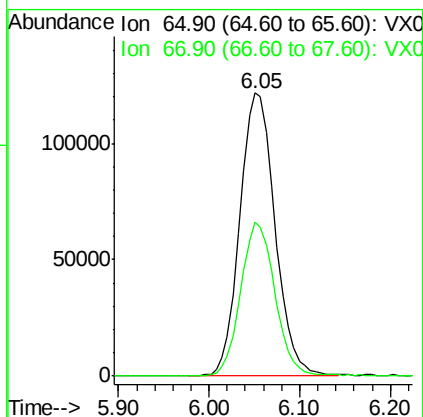
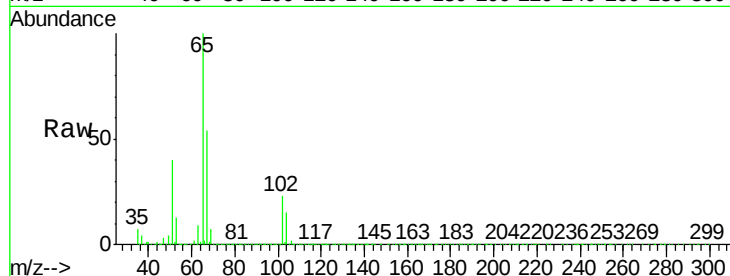




#33
 1,2-Dichloroethane-d4
 Concen: 49.256 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014060.D
 Acq: 17 Dec 2019 18:32

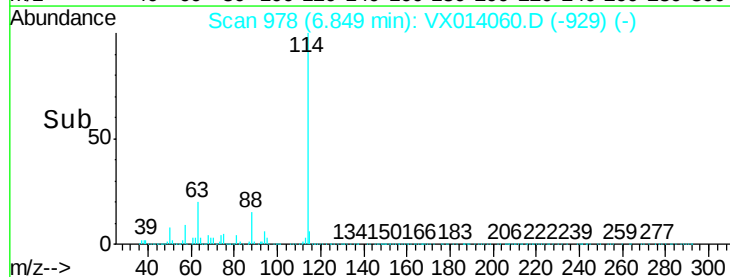
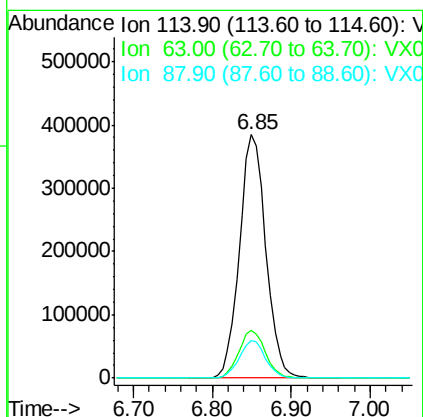
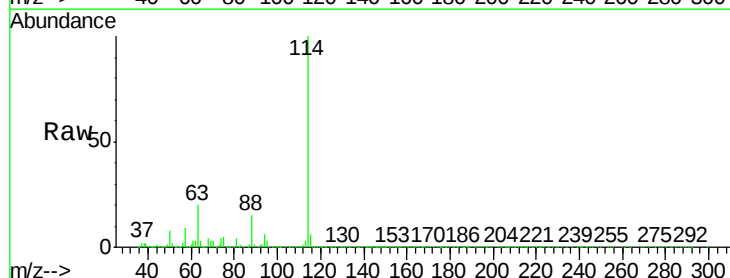
Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D1-20191207

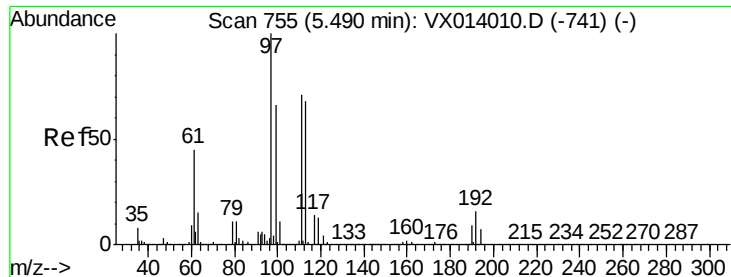
Tot Ion: 65 Resp: 326120
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014060.D
 Acq: 17 Dec 2019 18:32

Tgt Ion: 114 Resp: 894774
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.188 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20191207

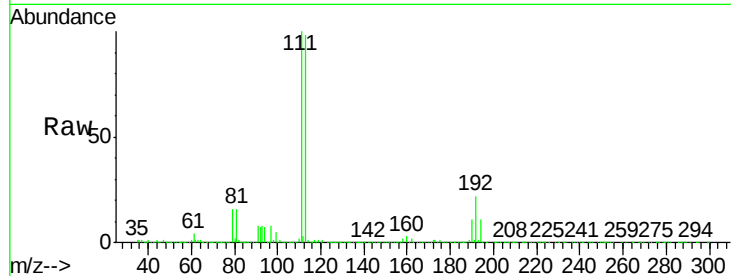
Tot Ion:113 Resp: 267543

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

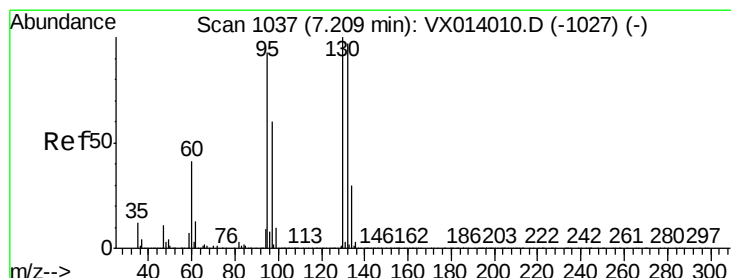
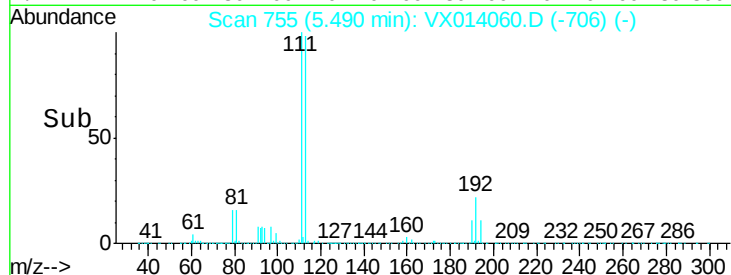
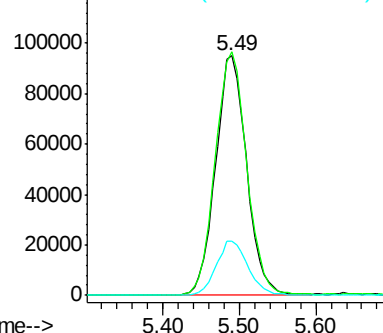
192 23.4 19.3 28.9



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: 5.573 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014060.D

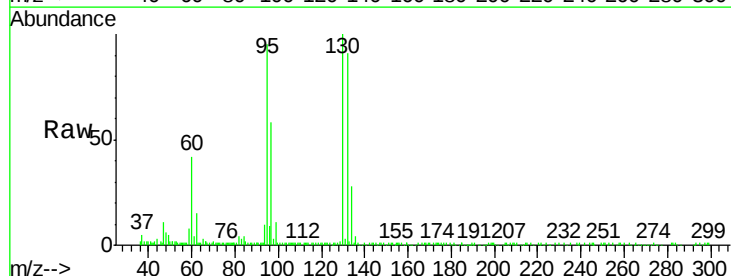
Acq: 17 Dec 2019 18:32

Tgt Ion:130 Resp: 38883

Ion Ratio Lower Upper

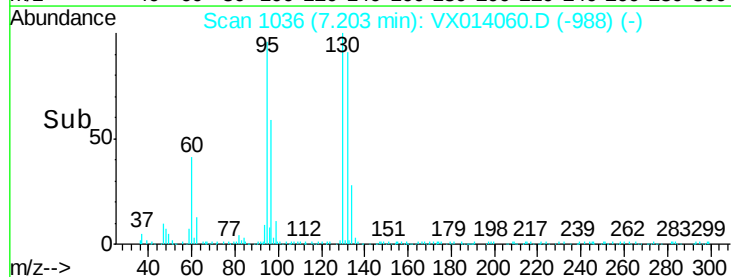
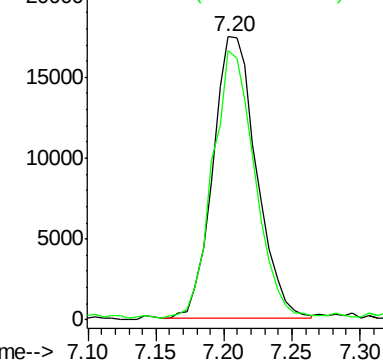
130 100

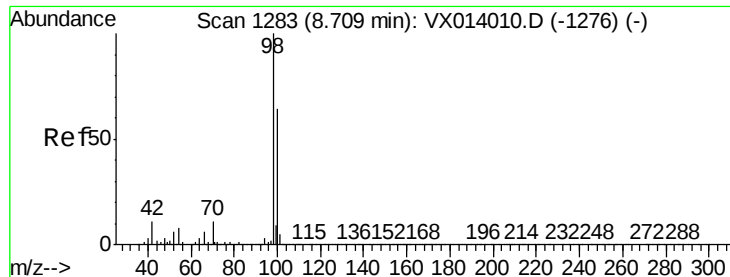
95 95.2 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.661 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

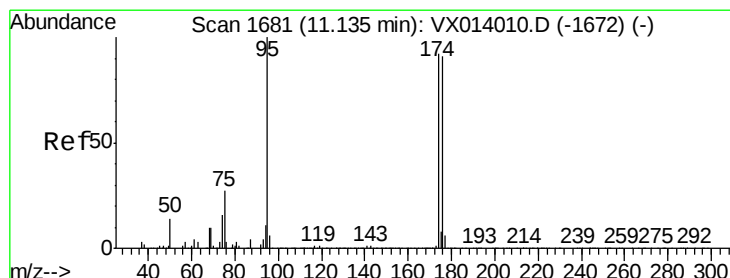
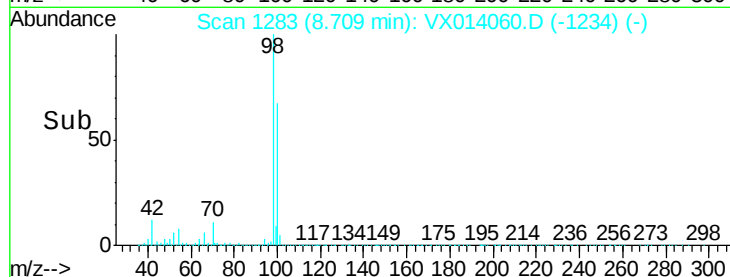
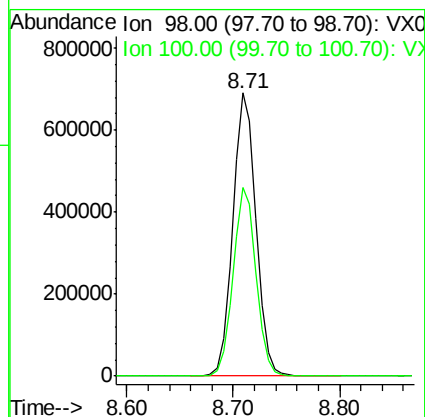
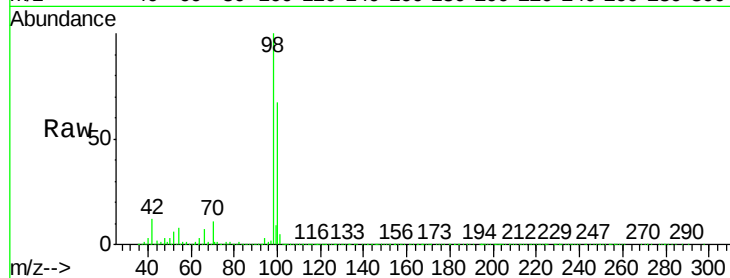
MW203D1-20191207

Tot Ion: 98 Resp: 1051634

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.479 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

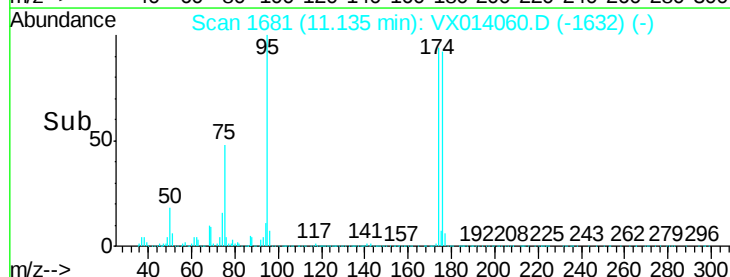
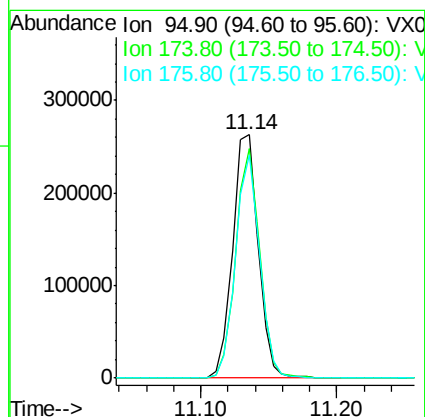
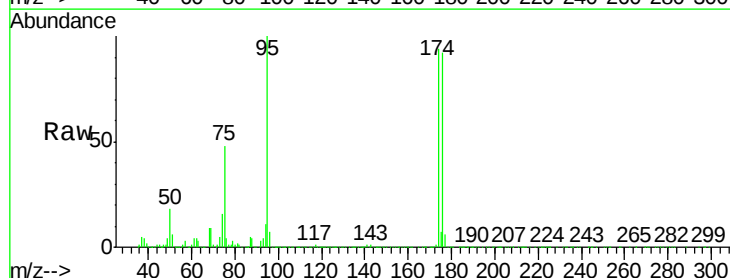
Tgt Ion: 95 Resp: 344309

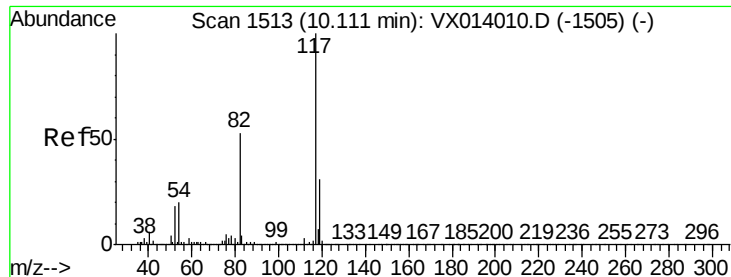
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.8

176 86.6 0.0 173.0

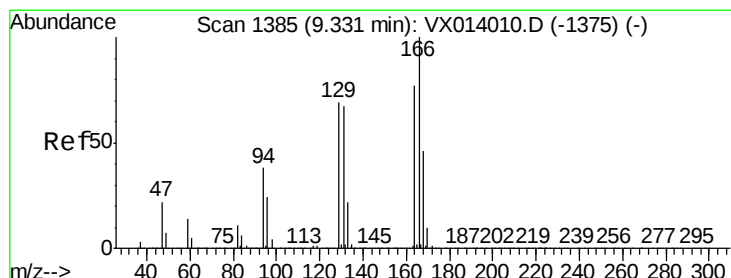
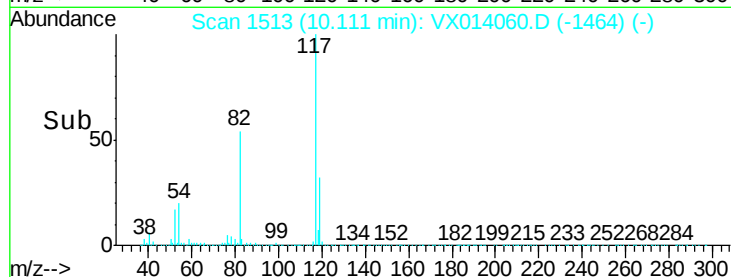
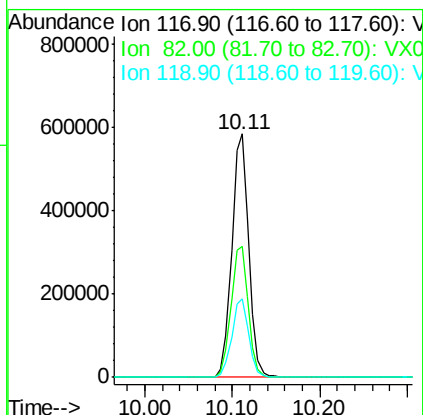
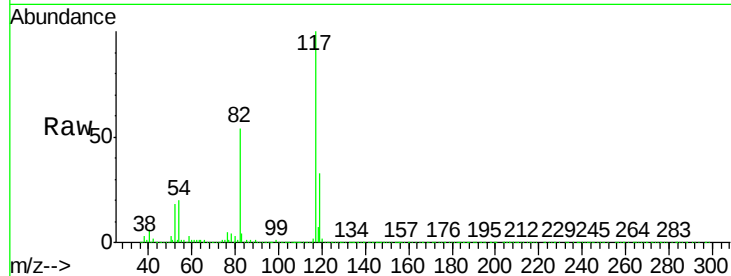




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

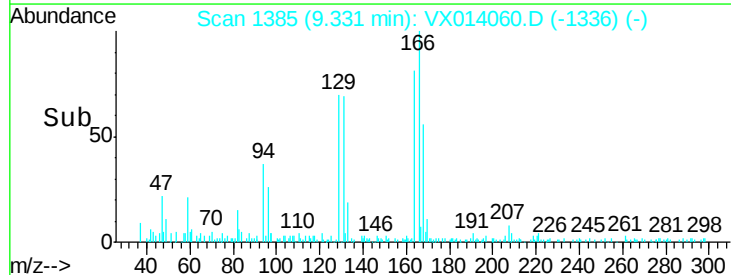
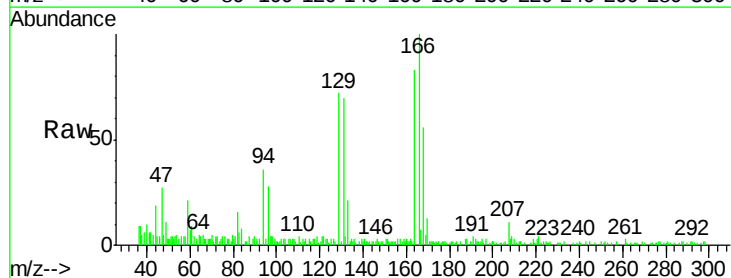
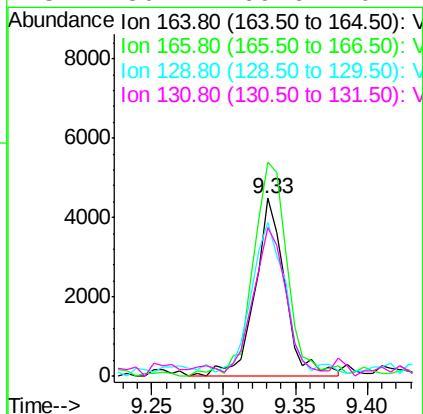
Instrument :
MSVOA_X
ClientSampleId :
MW203D1-20191207

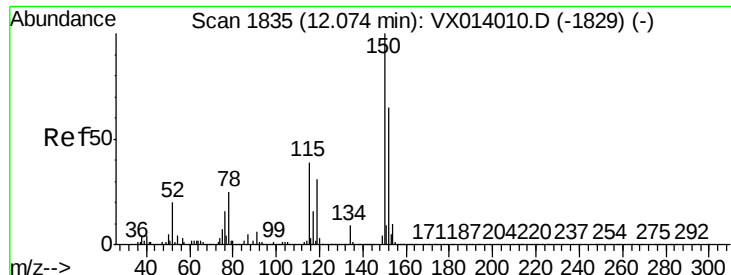
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	32.5	25.1	37.7



#64
Tetrachloroethene
Concen: 0.918 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014060.D
Acq: 17 Dec 2019 18:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.4	104.0	156.0
129	84.3	72.2	108.4
131	80.2	69.6	104.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014060.D

Acq: 17 Dec 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

MW203D1-20191207

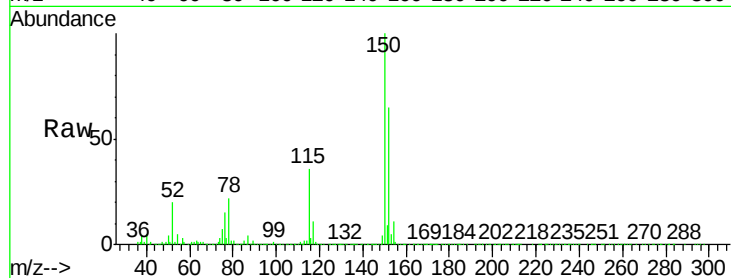
Tot Ion:152 Resp: 335196

Ion Ratio Lower Upper

152 100

115 55.1 38.3 114.9

150 156.1 0.0 345.4



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

