

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017803.D
 Acq On : 06 Aug 2020 13:01
 Operator : JC/SP
 Sample : L3556-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-418-420DL

Quant Time: Aug 06 15:41:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

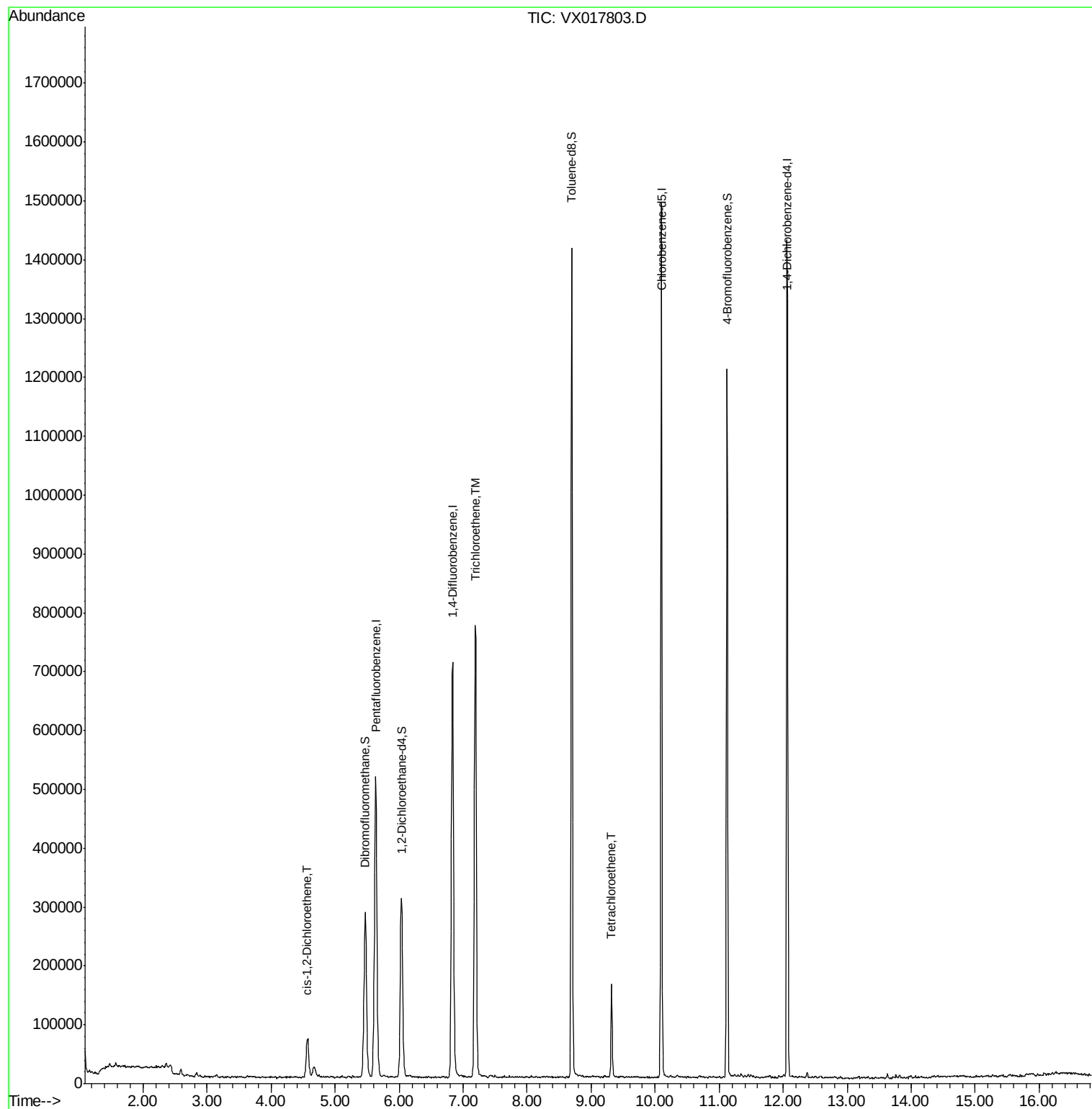
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	476635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	700136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	657053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	303298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	301002	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
35) Dibromofluoromethane	5.47	113	244065	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	8.70	98	842399	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.12	95	306465	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.56	96	43864	7.657	ug/l	83
44) Trichloroethene	7.19	130	300980	53.497	ug/l	93
64) Tetrachloroethene	9.32	164	28171	4.777	ug/l	97

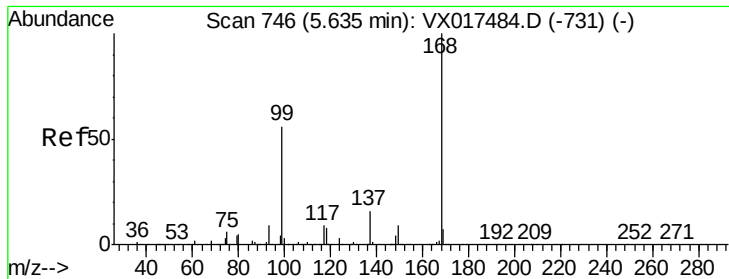
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

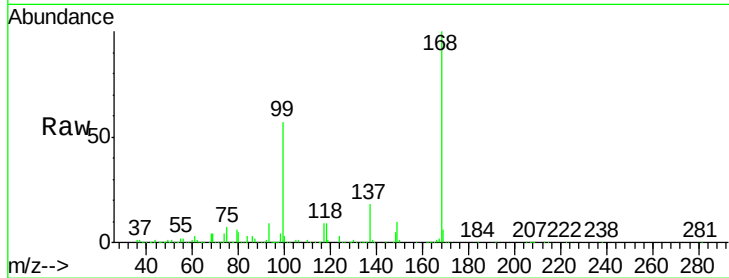
BP-VPB179-GW-418-420DL

Tot Ion:168 Resp: 476635

Ion Ratio Lower Upper

168 100

99 56.6 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

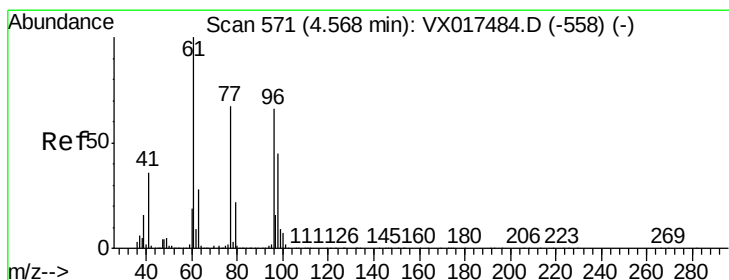
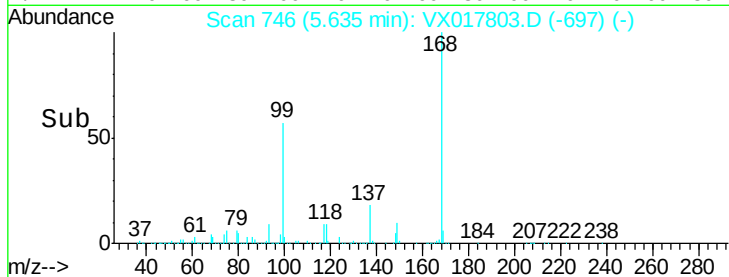
150000

100000

50000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 7.657 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

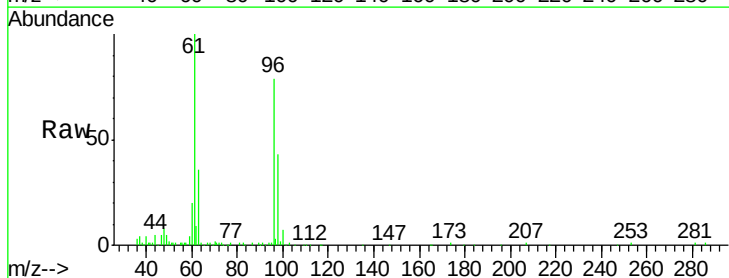
Tgt Ion: 96 Resp: 43864

Ion Ratio Lower Upper

96 100

61 123.4 0.0 301.2

98 59.7 0.0 130.0



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

25000

20000

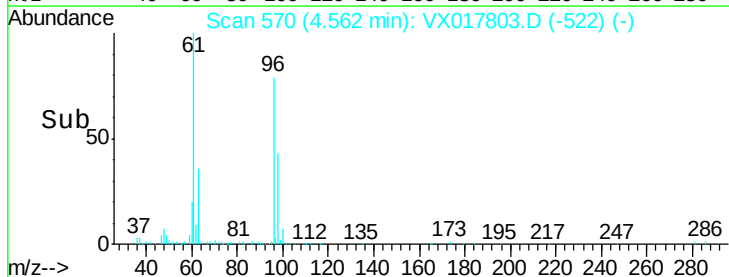
15000

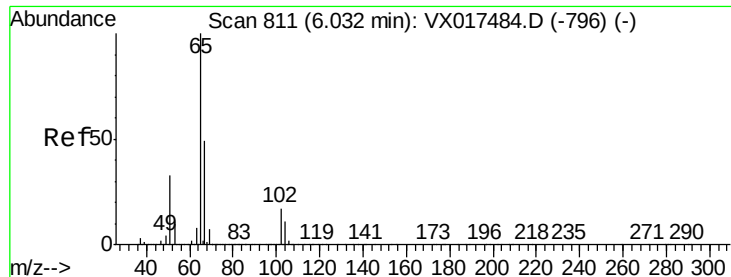
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.163 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

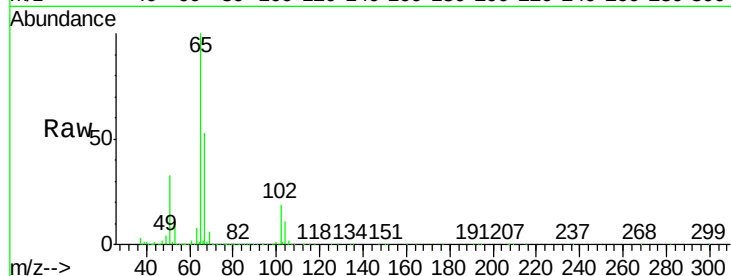
BP-VPB179-GW-418-420DL

Tot Ion: 65 Resp: 301002

Ion Ratio Lower Upper

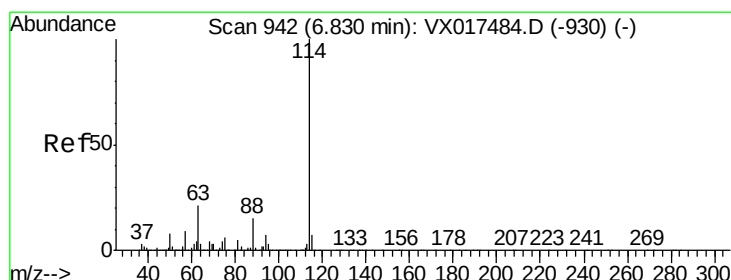
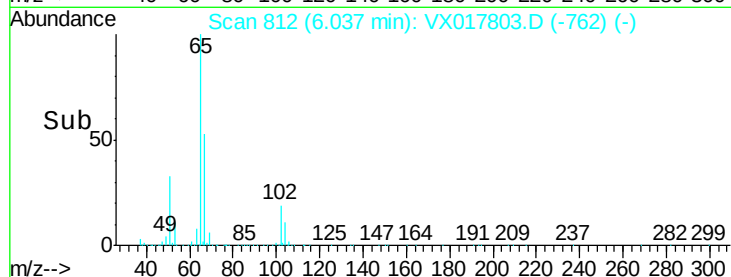
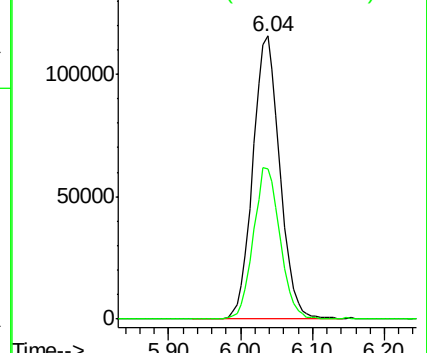
65 100

67 52.6 0.0 102.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

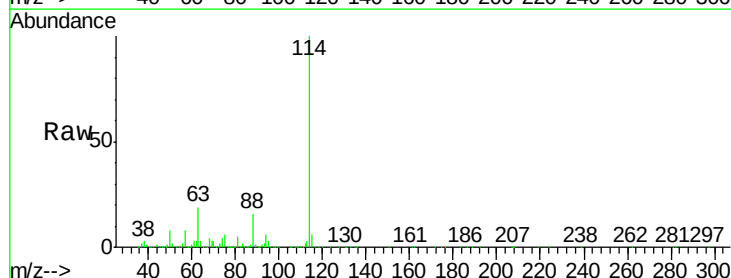
Tgt Ion: 114 Resp: 700136

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

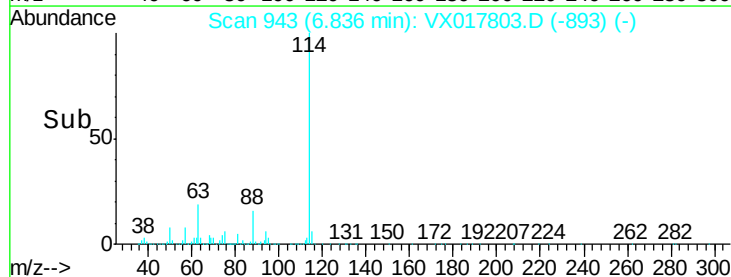
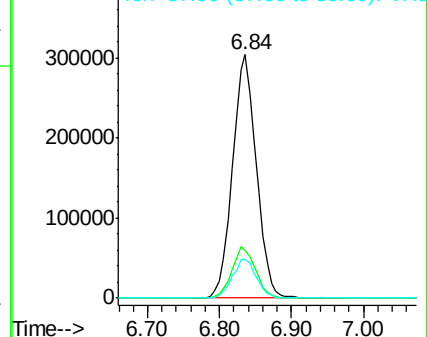
88 15.9 0.0 33.4

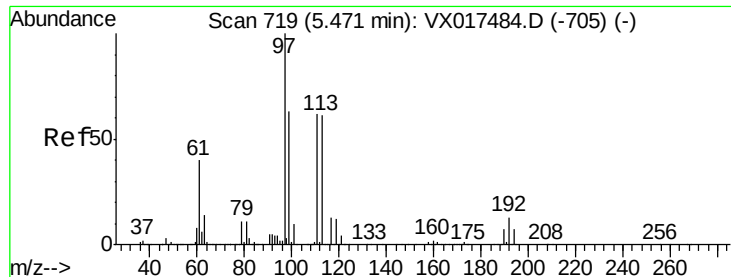


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.122 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-418-420DL

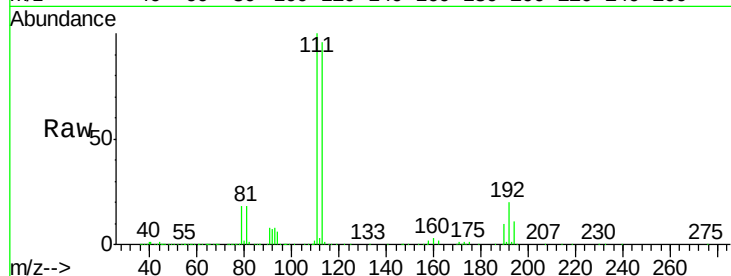
Tot Ion:113 Resp: 244065

Ion Ratio Lower Upper

113 100

111 101.1 80.7 121.1

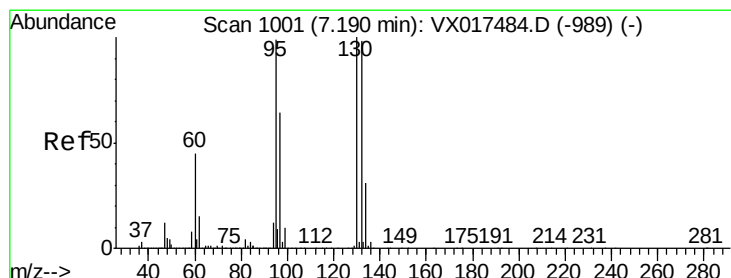
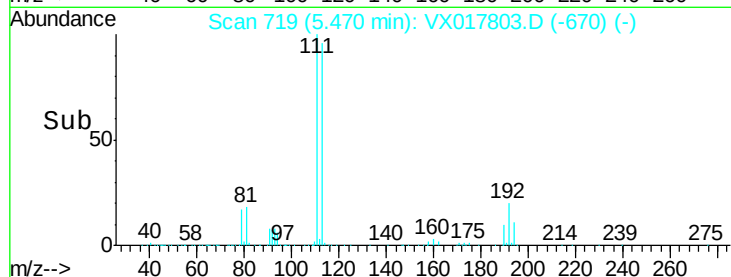
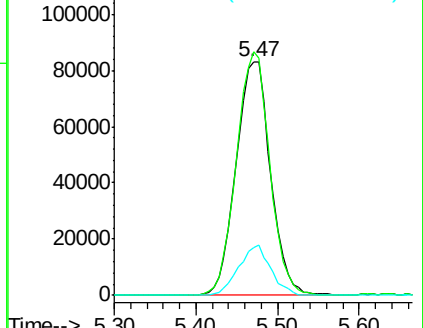
192 20.1 16.9 25.3



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: 53.497 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017803.D

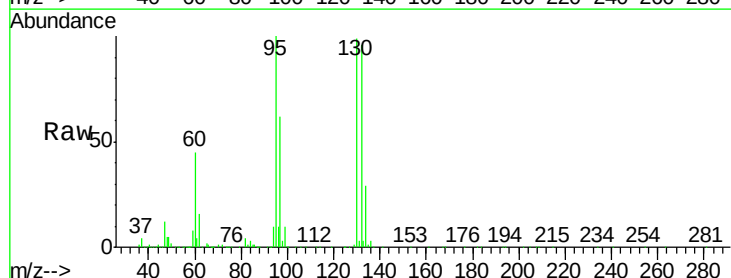
Acq: 06 Aug 2020 13:01

Tgt Ion:130 Resp: 300980

Ion Ratio Lower Upper

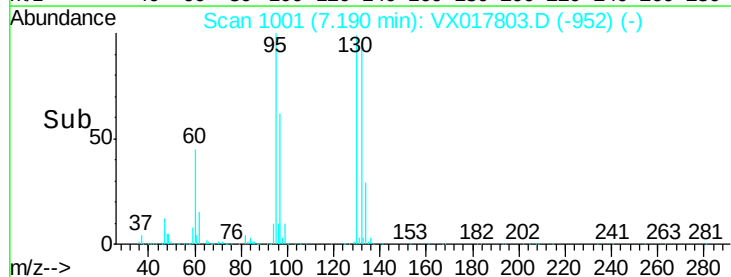
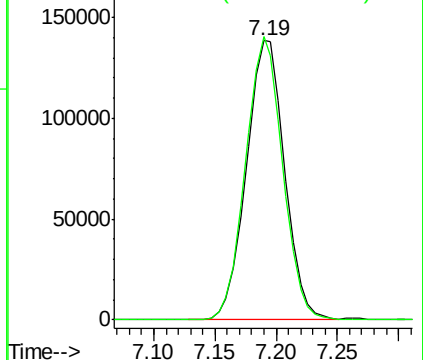
130 100

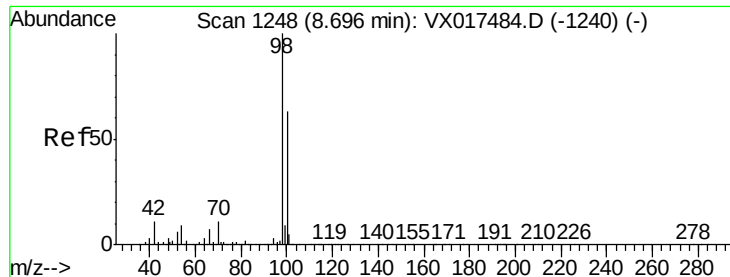
95 101.3 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.869 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

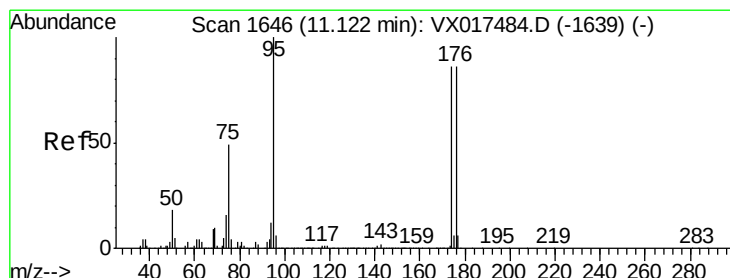
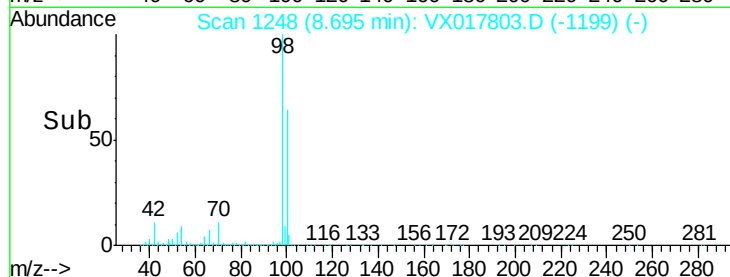
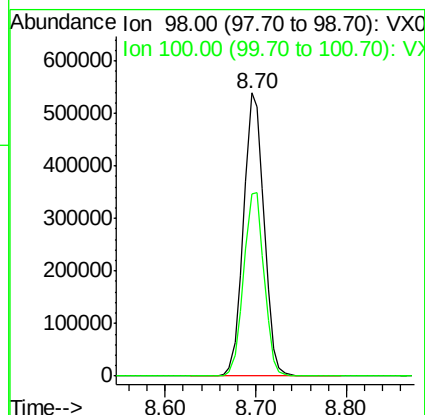
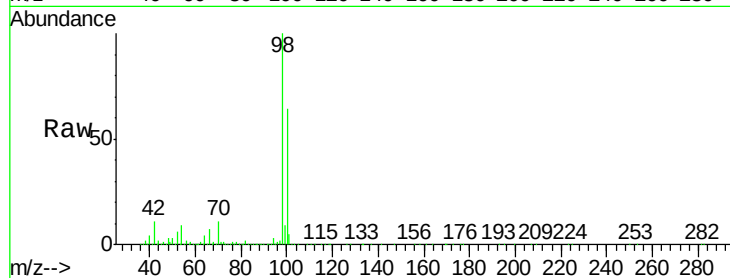
BP-VPB179-GW-418-420DL

Tot Ion: 98 Resp: 842399

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.333 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

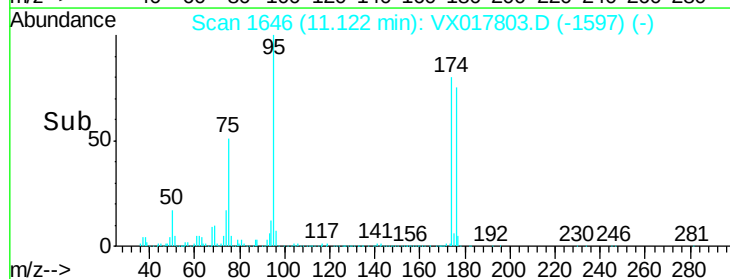
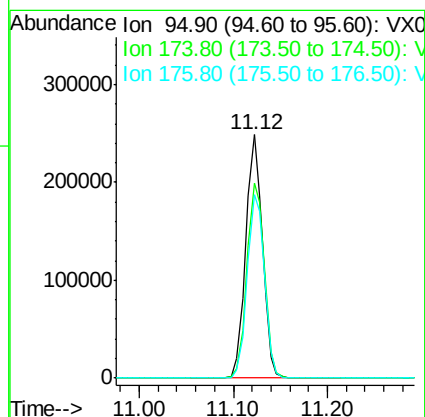
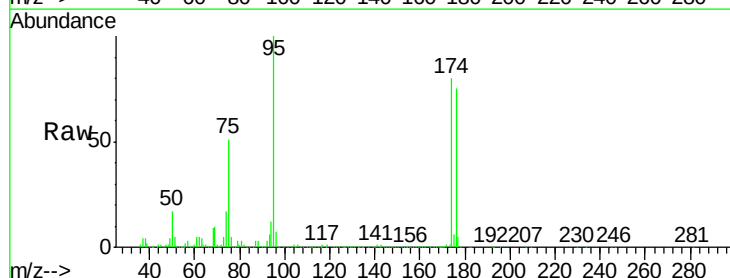
Tgt Ion: 95 Resp: 306465

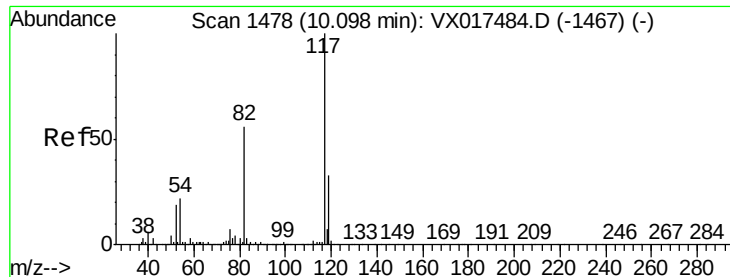
Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

176 77.9 0.0 161.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-418-420DL

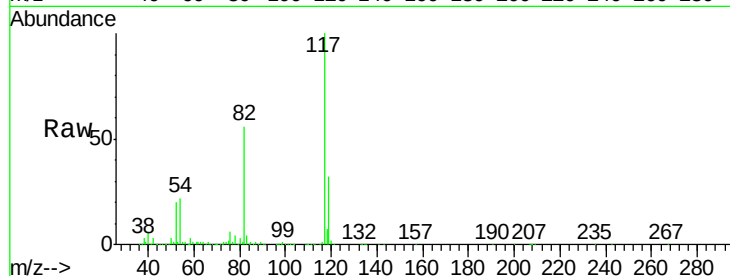
Tot Ion:117 Resp: 657053

Ion Ratio Lower Upper

117 100

82 55.7 44.0 66.0

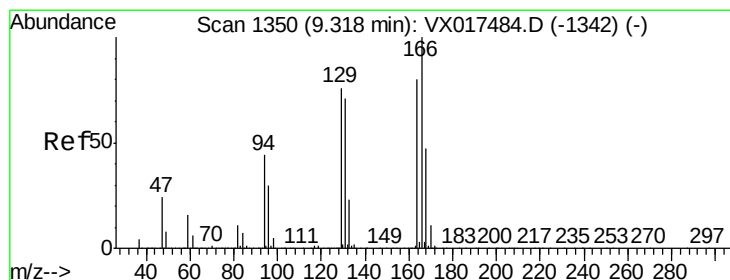
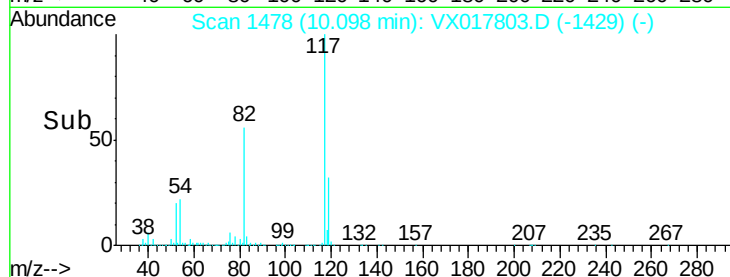
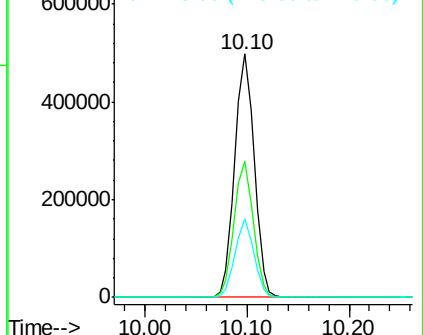
119 32.1 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.777 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017803.D

Acq: 06 Aug 2020 13:01

Tgt Ion:164 Resp: 28171

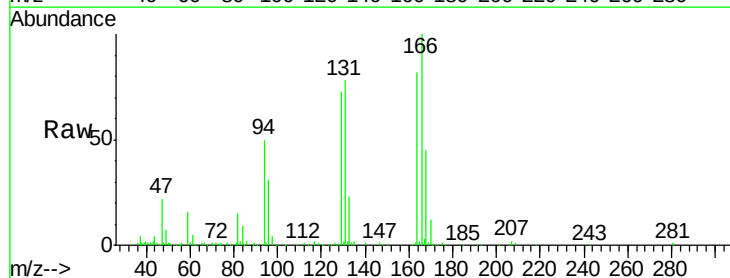
Ion Ratio Lower Upper

164 100

166 121.3 100.6 150.8

129 88.6 75.0 112.6

131 94.7 75.2 112.8

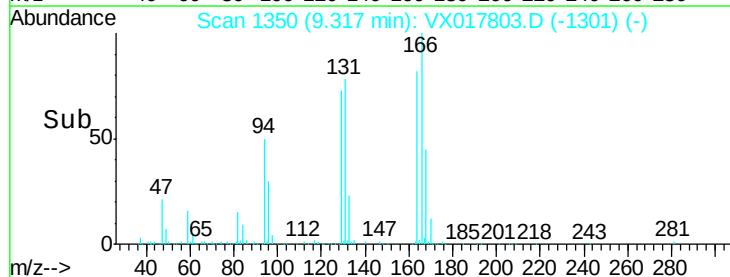
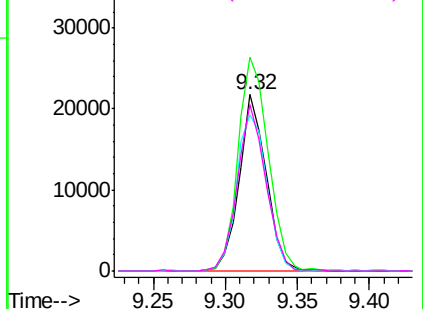


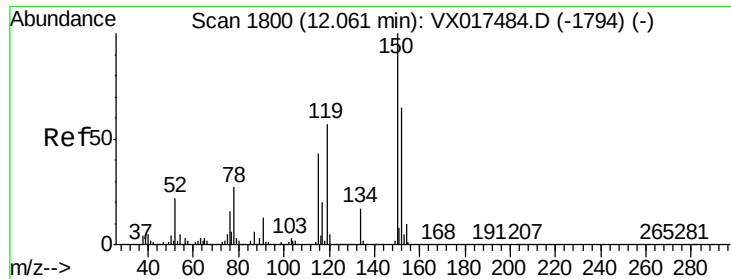
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX017803.D

Acq: 06 Aug 2020 13:01

Instrument :

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BP-VPB179-GW-418-420DL

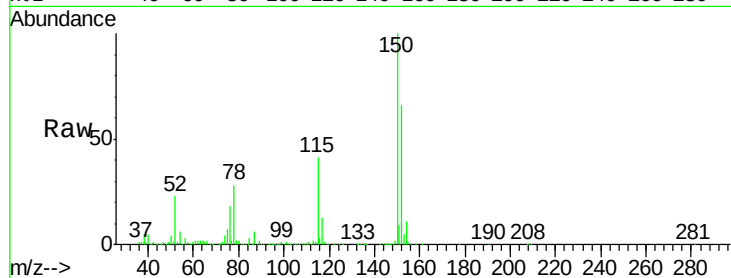
Tot Ion:152 Resp: 303298

Ion Ratio Lower Upper

152 100

115 58.8 65.5 196.6#

150 153.8 0.0 412.6



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

