

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017709.D
 Acq On : 31 Jul 2020 18:09
 Operator : JC/SP
 Sample : L3526-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-278-280

Quant Time: Aug 01 04:13:12 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

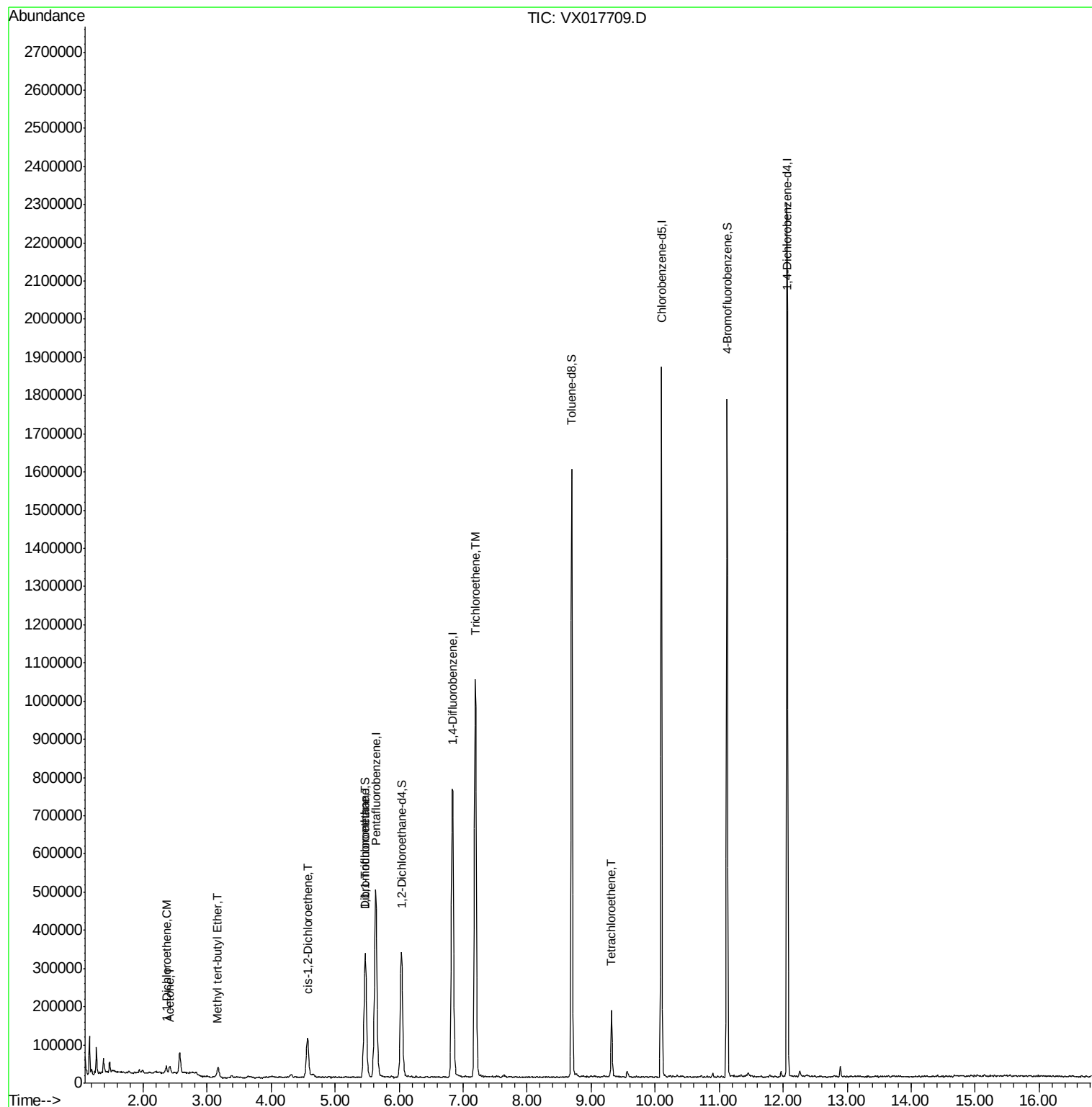
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	467926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	778837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	838858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	460066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	323428	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	5.47	113	273739	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
50) Toluene-d8	8.70	98	970722	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.12	95	441661	58.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.46%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	5488	1.135	ug/l #	85
16) Acetone	2.42	43	17577	6.644	ug/l	89
19) Methyl tert-butyl Ether	3.17	73	26869	1.606	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	65759	11.693	ug/l	85
32) 1,1,1-Trichloroethane	5.46	97	6617	0.739	ug/l #	49
44) Trichloroethene	7.19	130	406444	64.943	ug/l	94
64) Tetrachloroethene	9.32	164	34808	4.623	ug/l	96

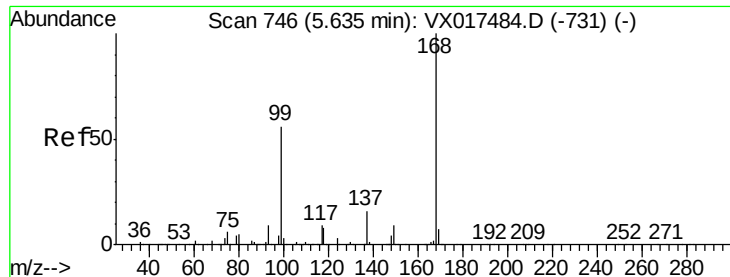
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

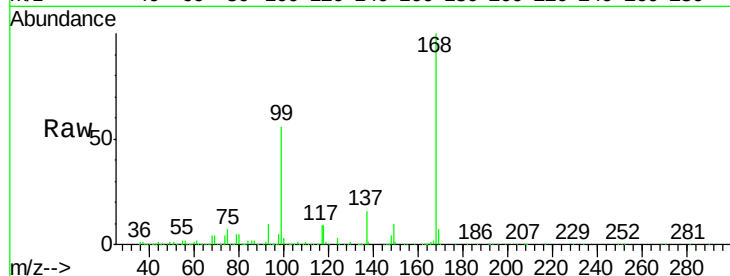
BP-VPB179-GW-278-280

Tot Ion:168 Resp: 467926

Ion Ratio Lower Upper

168 100

99 56.3 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

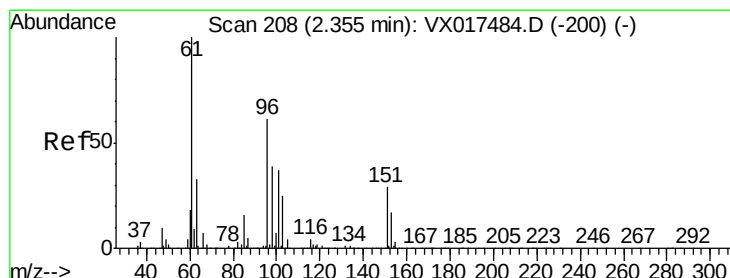
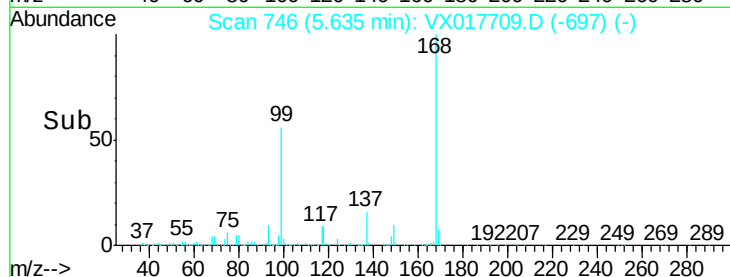
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#12

1,1-Dichloroethene

Concen: 1.135 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

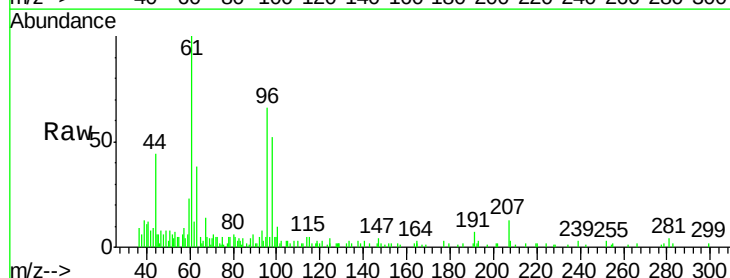
Tgt Ion: 96 Resp: 5488

Ion Ratio Lower Upper

96 100

61 149.9 134.0 201.0

98 79.1 51.0 76.4#



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

8000

6000

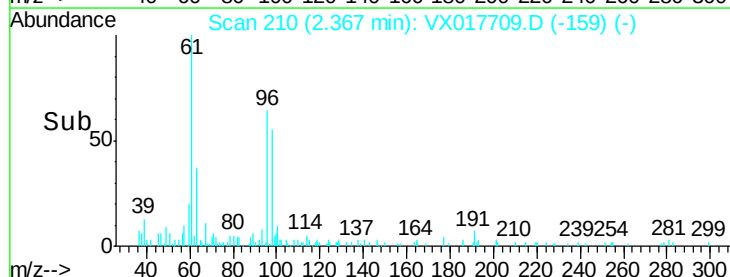
4000

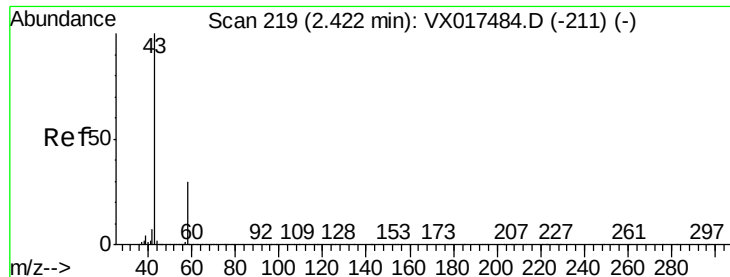
2000

0

2.30 2.35 2.40 2.45

Time-->





#16

Acetone

Concen: 6.644 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

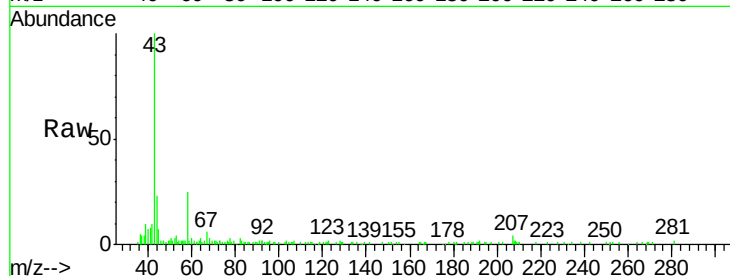
BP-VPB179-GW-278-280

Tot Ion: 43 Resp: 17577

Ion Ratio Lower Upper

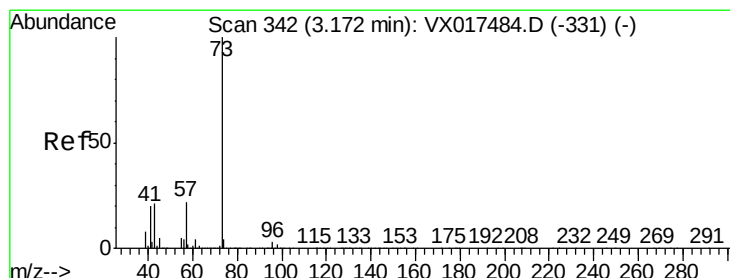
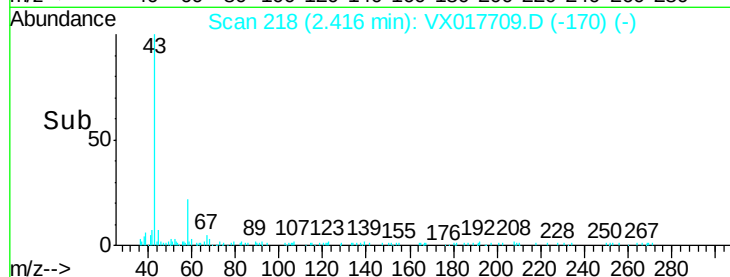
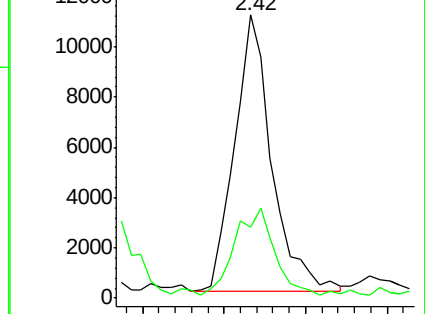
43 100

58 24.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#19

Methyl tert-butyl Ether

Concen: 1.606 ug/l

RT: 3.17 min Scan# 342

Delta R.T. -0.00 min

Lab File: VX017709.D

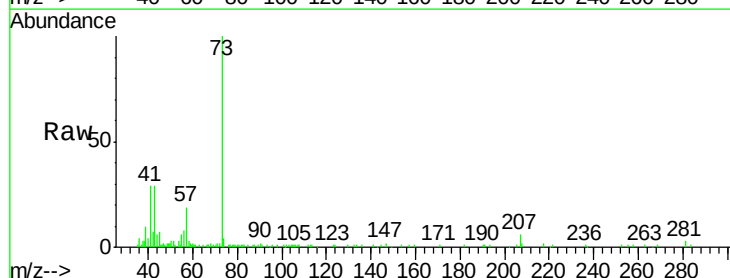
Acq: 31 Jul 2020 18:09

Tgt Ion: 73 Resp: 26869

Ion Ratio Lower Upper

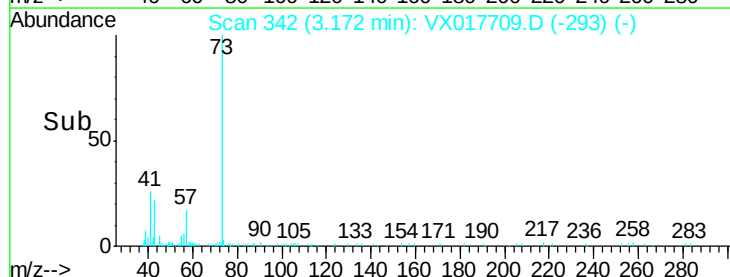
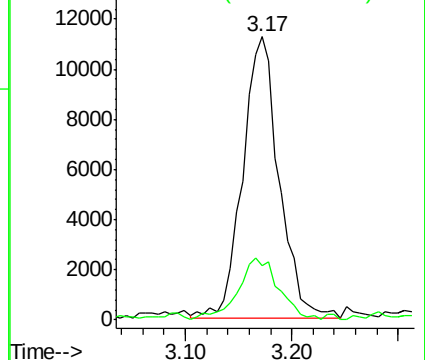
73 100

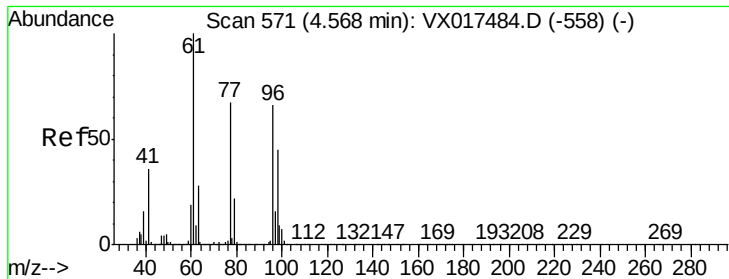
57 19.6 17.0 25.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 11.693 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-278-280

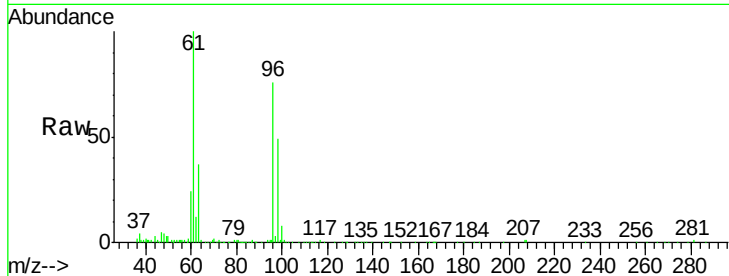
Tot Ion: 96 Resp: 65759

Ion Ratio Lower Upper

96 100

61 124.7 0.0 301.2

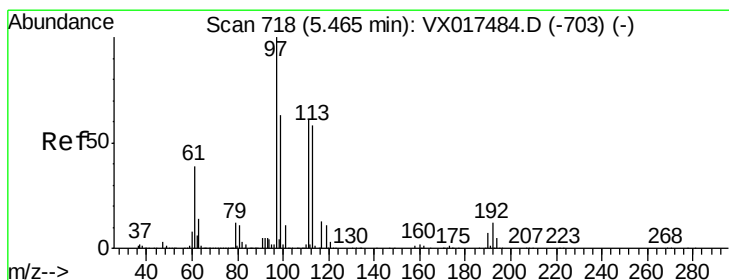
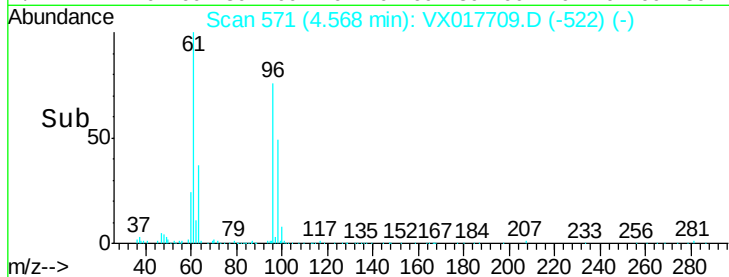
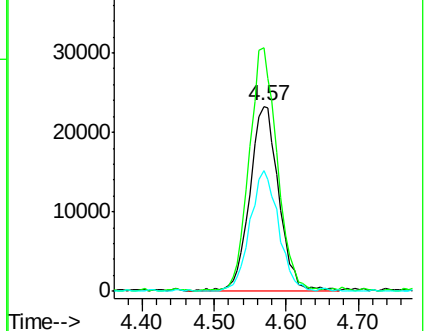
98 64.0 0.0 130.0



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



#32

1,1,1-Trichloroethane

Concen: 0.739 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

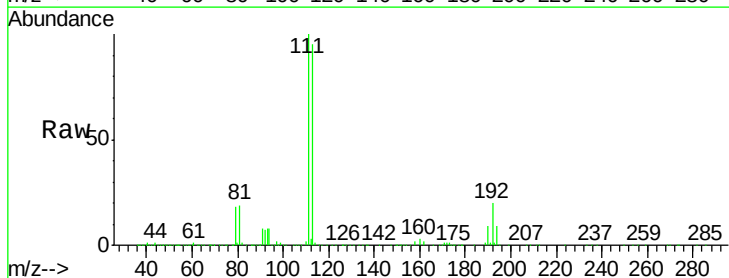
Tgt Ion: 97 Resp: 6617

Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

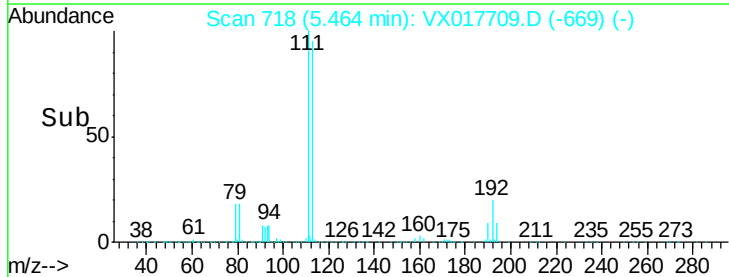
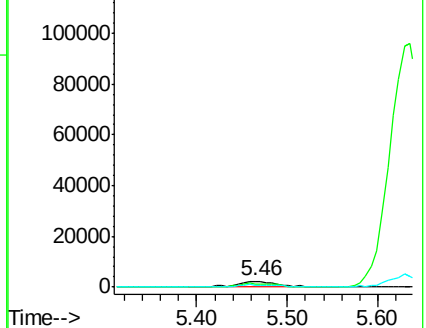
61 44.9 34.1 51.1

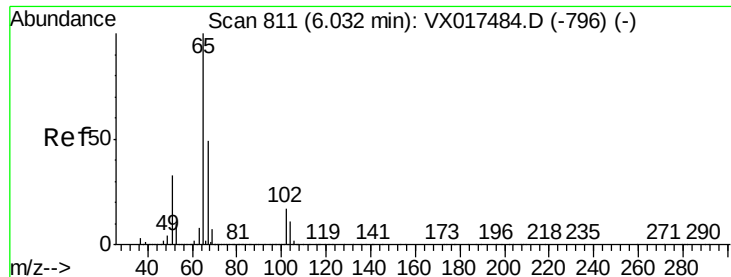


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.809 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

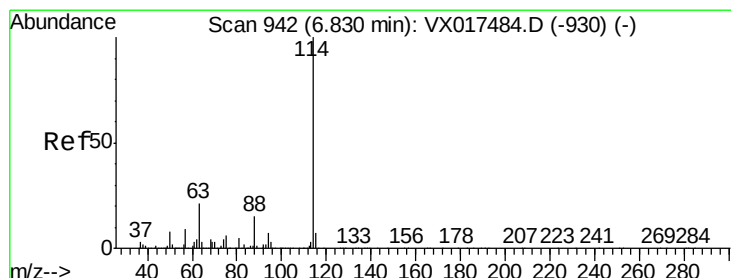
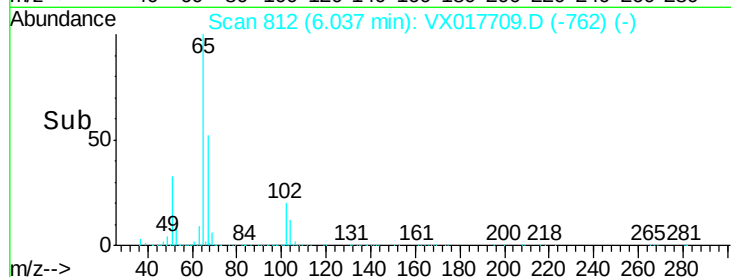
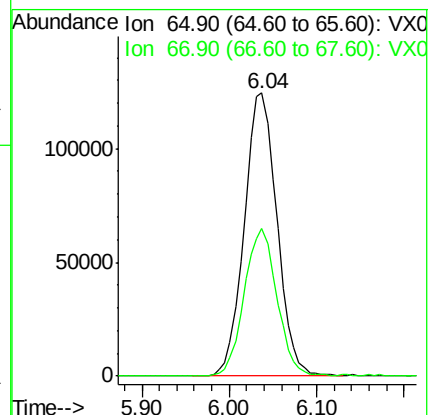
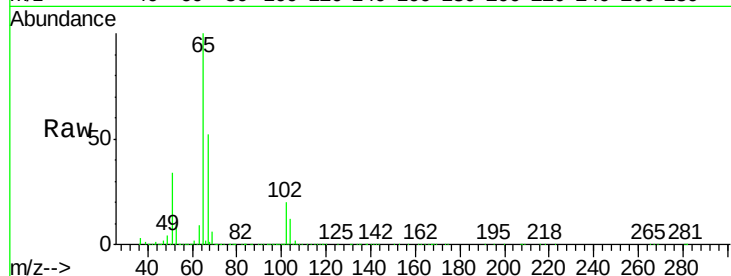
BP-VPB179-GW-278-280

Tot Ion: 65 Resp: 323428

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

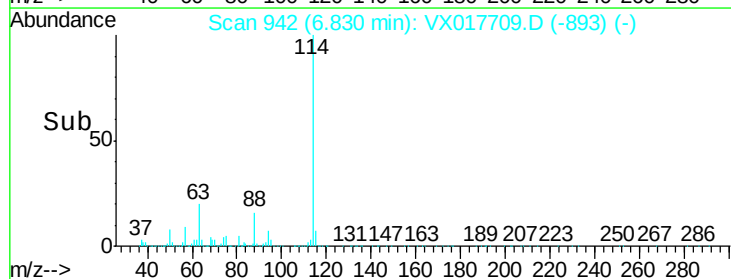
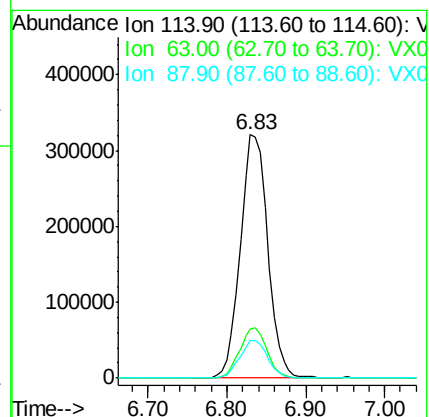
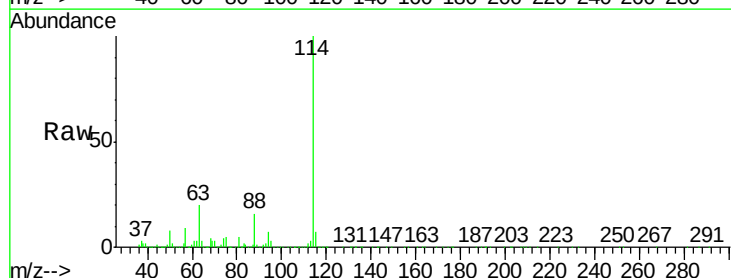
Tgt Ion: 114 Resp: 778837

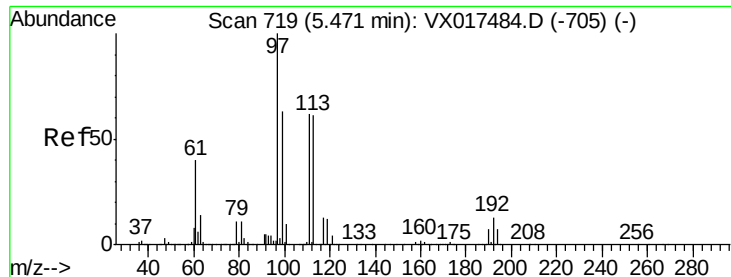
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.6 0.0 33.4

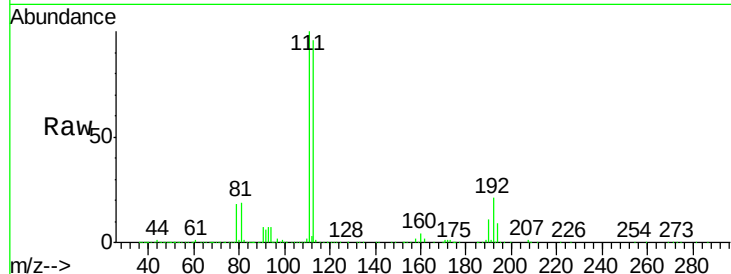




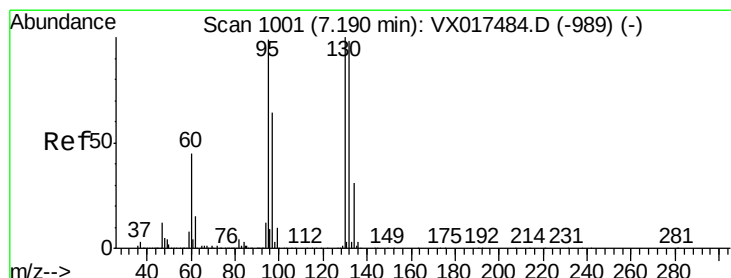
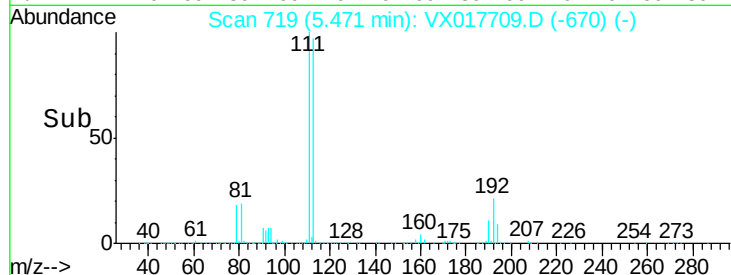
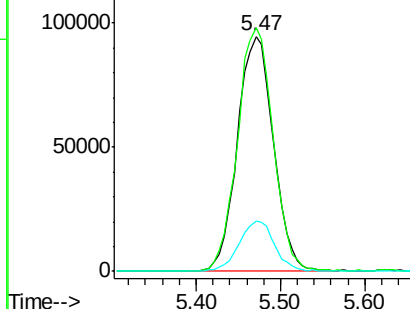
#35
 Dibromofluoromethane
 Concen: 52.552 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017709.D
 Acq: 31 Jul 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-278-280

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	21.1	16.9	25.3

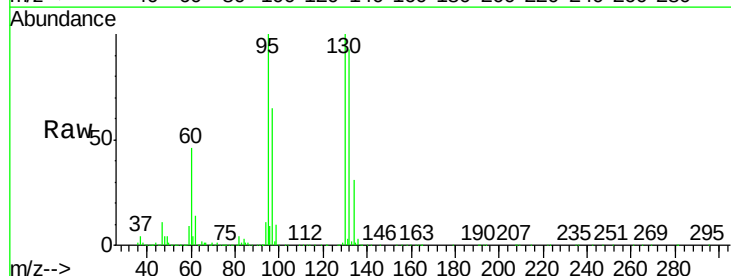


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

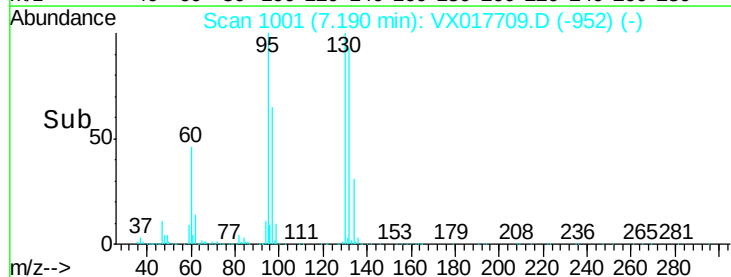
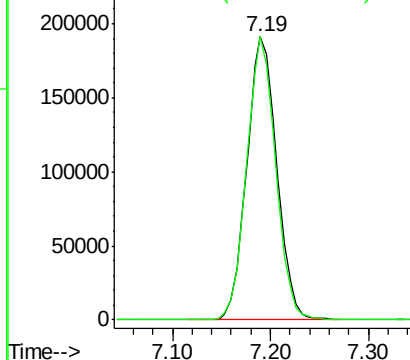


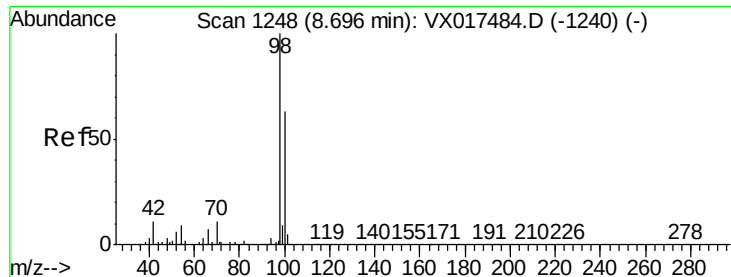
#44
 Trichloroethene
 Concen: 64.943 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017709.D
 Acq: 31 Jul 2020 18:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	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: 51.659 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

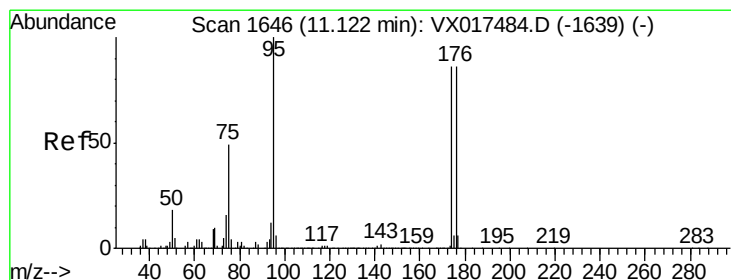
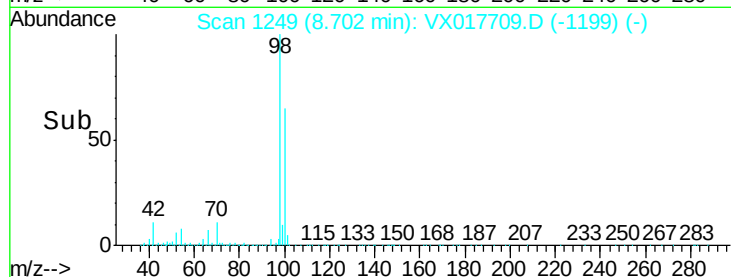
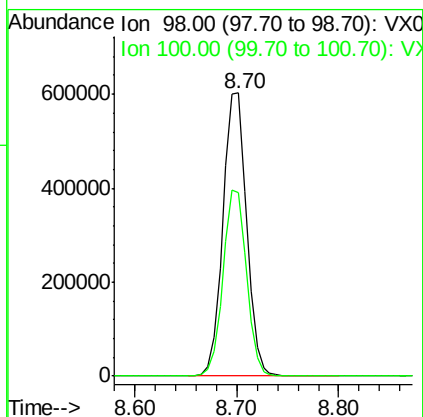
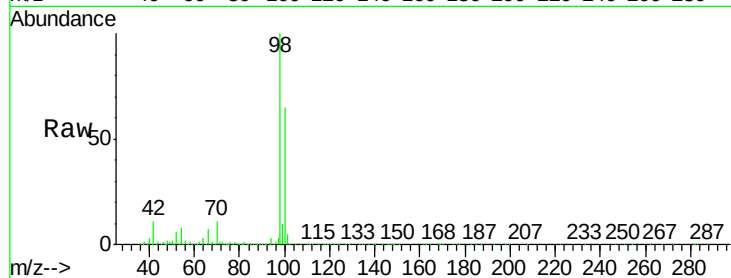
BP-VPB179-GW-278-280

Tot Ion: 98 Resp: 970722

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 58.730 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

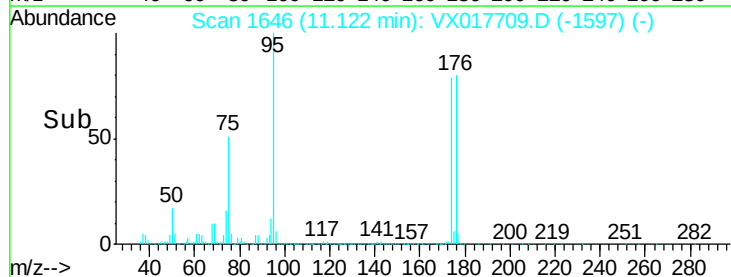
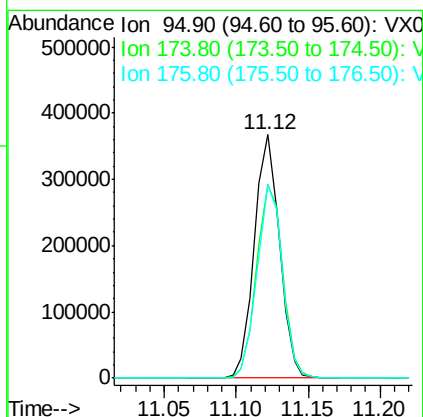
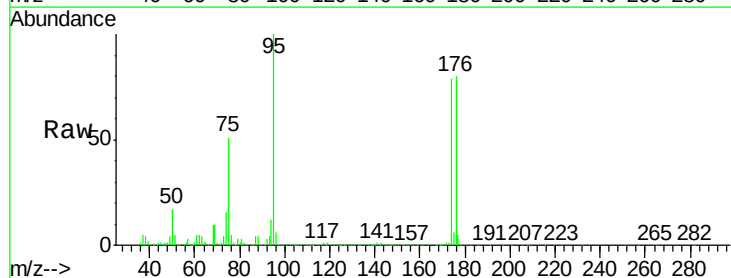
Tgt Ion: 95 Resp: 441661

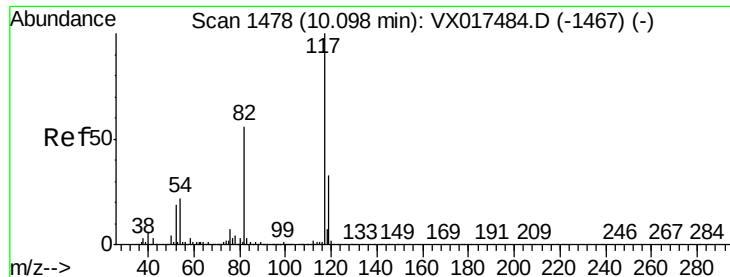
Ion Ratio Lower Upper

95 100

174 82.6 0.0 169.0

176 79.7 0.0 161.0

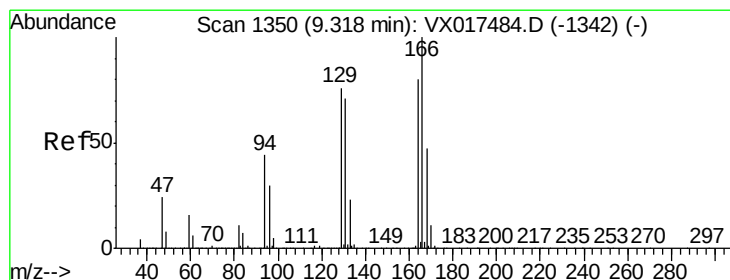
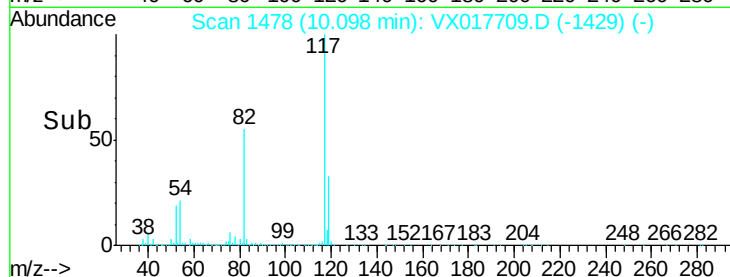
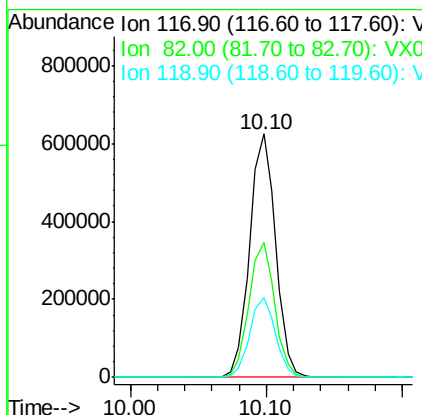
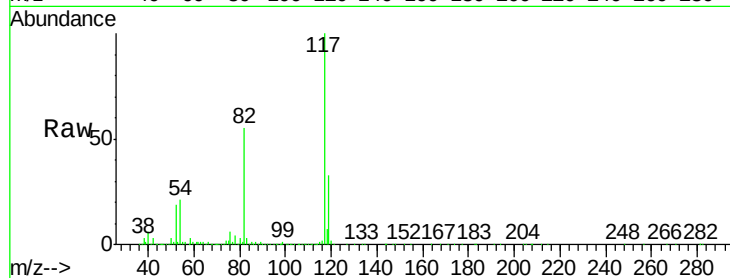




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017709.D
Acq: 31 Jul 2020 18:09

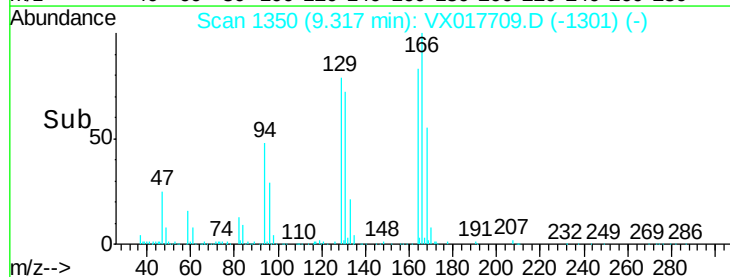
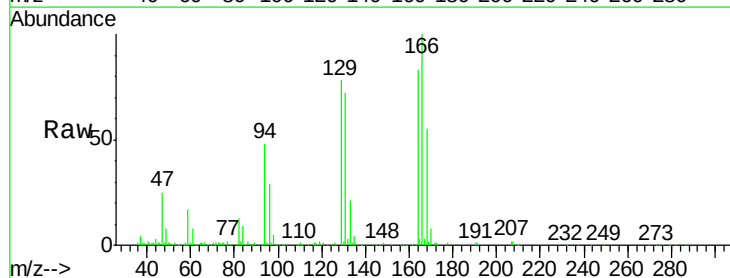
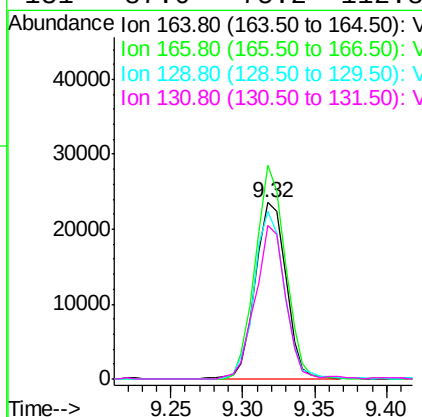
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-278-280

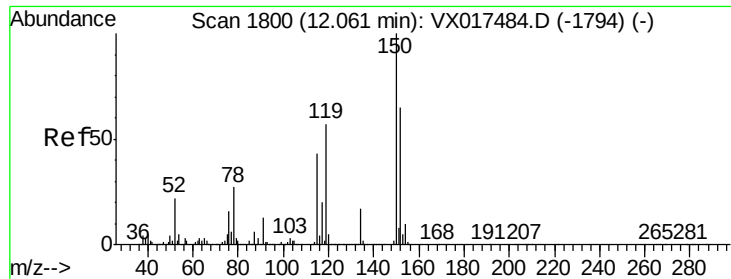
Tot Ion:117 Resp: 838858
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 4.623 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017709.D
Acq: 31 Jul 2020 18:09

Tgt Ion:164 Resp: 34808
Ion Ratio Lower Upper
164 100
166 120.9 100.6 150.8
129 94.6 75.0 112.6
131 87.0 75.2 112.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017709.D

Acq: 31 Jul 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-278-280

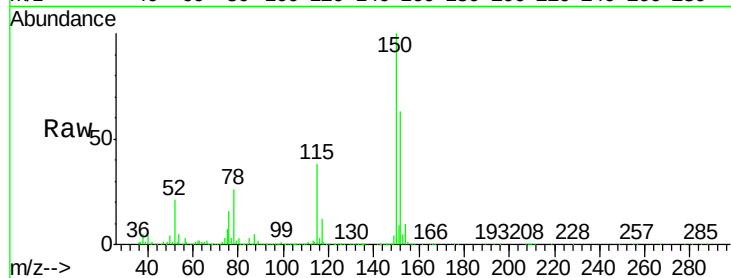
Tot Ion:152 Resp: 460066

Ion Ratio Lower Upper

152 100

115 59.9 65.5 196.6#

150 158.5 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

