

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080520\
 Data File : VX017793.D
 Acq On : 05 Aug 2020 13:22
 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 03:24:17 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

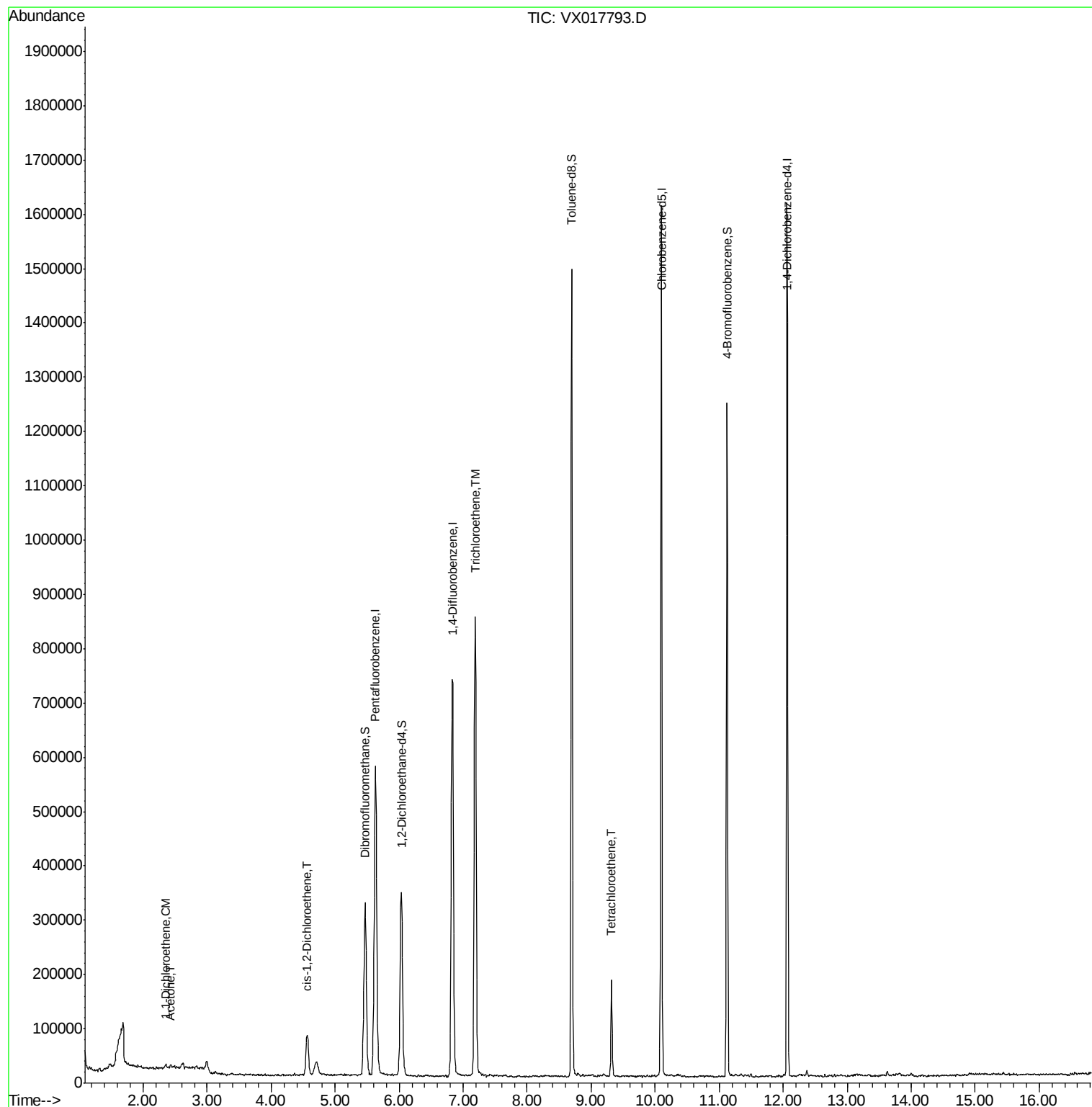
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	541316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	751773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	709717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	345149	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.47	113	271420	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	8.70	98	866797	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.12	95	310824	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
Target Compounds						
12) 1,1-Dichloroethene	2.35	96	2208	0.395	ug/l #	76
16) Acetone	2.43	43	4007	1.309	ug/l	91
27) cis-1,2-Dichloroethene	4.56	96	49173	7.558	ug/l	88
44) Trichloroethene	7.19	130	338744	56.074	ug/l	97
64) Tetrachloroethene	9.32	164	33036	5.186	ug/l	99

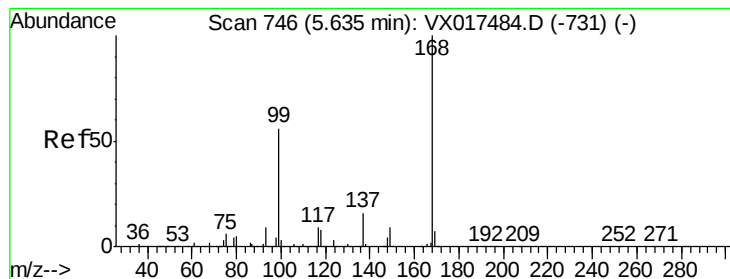
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 745

Delta R.T. -0.01 min

Lab File: VX017793.D

Acq: 05 Aug 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

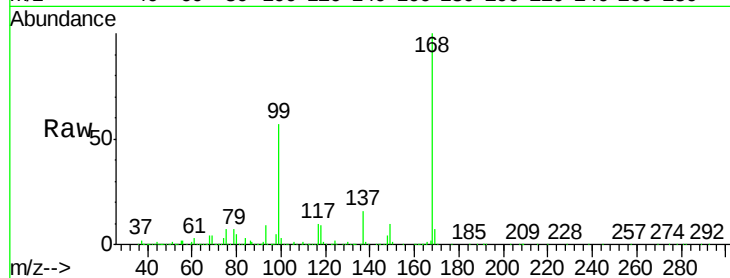
BP-VPB179-GW-418-420DL

Tot Ion:168 Resp: 541316

Ion Ratio Lower Upper

168 100

99 56.9 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

200000

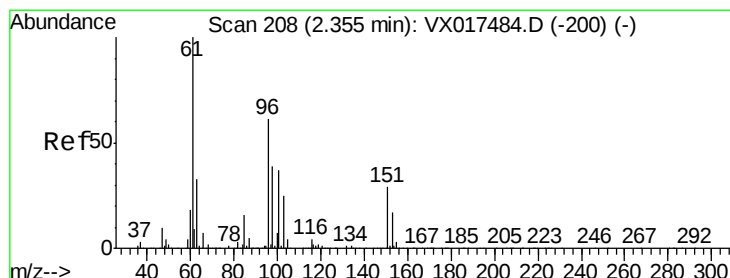
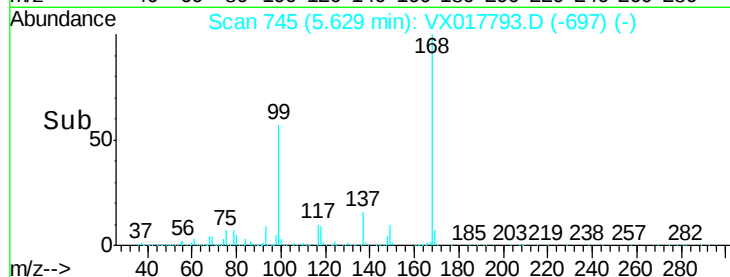
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.395 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017793.D

Acq: 05 Aug 2020 13:22

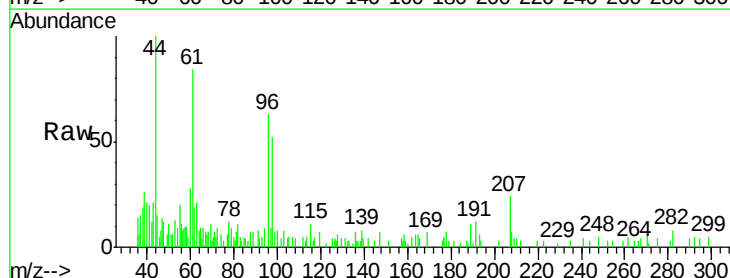
Tgt Ion: 96 Resp: 2208

Ion Ratio Lower Upper

96 100

61 135.5 134.0 201.0

98 84.3 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

2500

2000

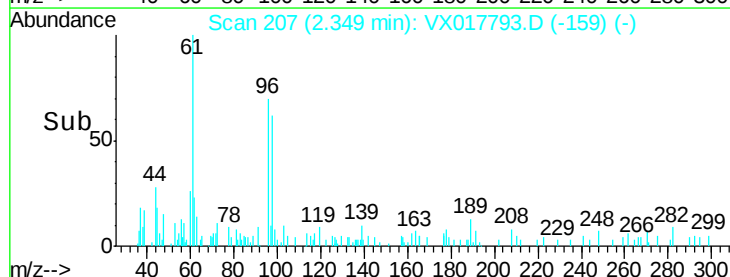
1500

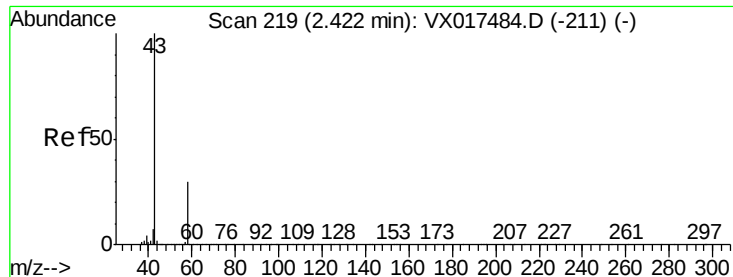
1000

500

0

Time-->

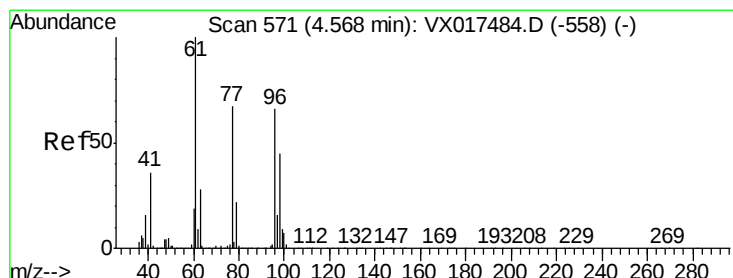
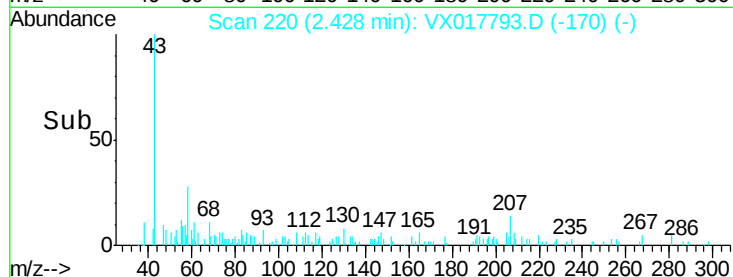
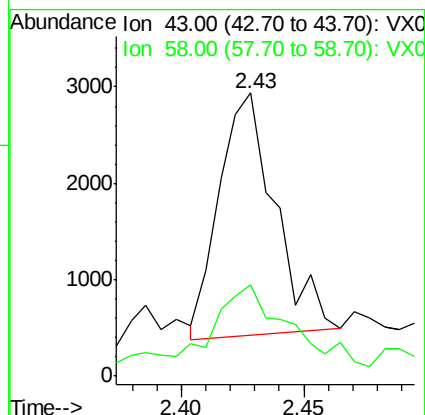
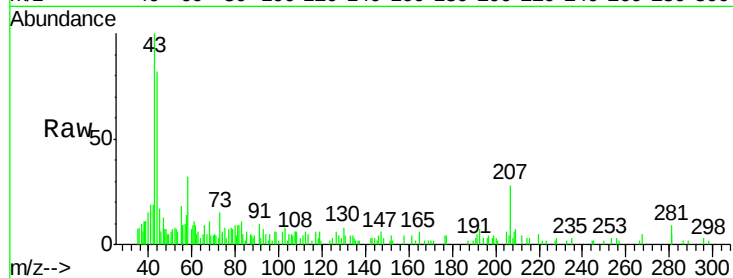




#16
Acetone
Concen: 1.309 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX017793.D
Acq: 05 Aug 2020 13:22

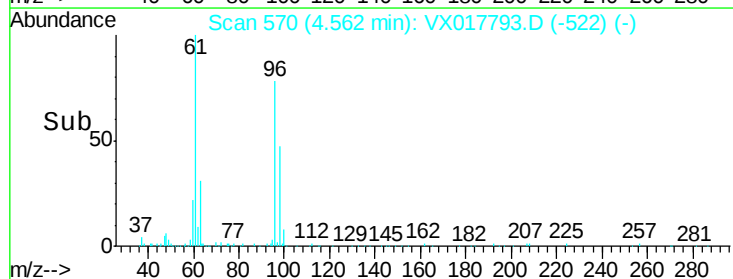
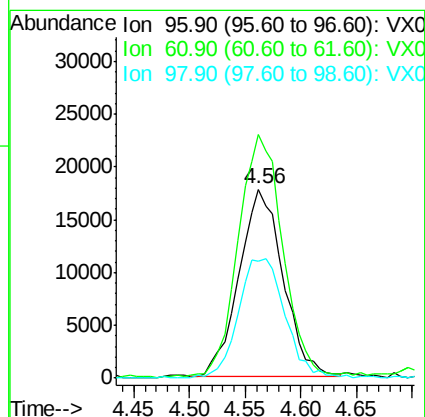
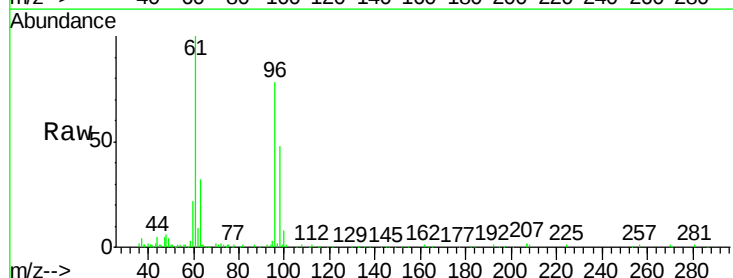
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

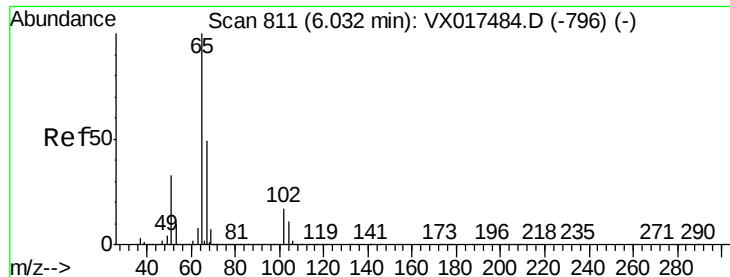
Tot Ion: 43 Resp: 4007
Ion Ratio Lower Upper
43 100
58 25.4 24.2 36.4



#27
cis-1,2-Dichloroethene
Concen: 7.558 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017793.D
Acq: 05 Aug 2020 13:22

Tgt Ion: 96 Resp: 49173
Ion Ratio Lower Upper
96 100
61 130.1 0.0 301.2
98 66.9 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 49.637 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017793.D

Acq: 05 Aug 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

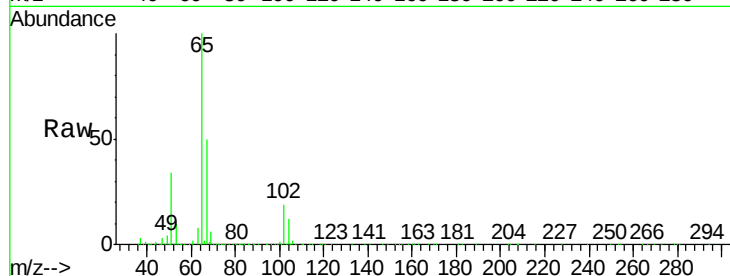
BP-VPB179-GW-418-420DL

Tot Ion: 65 Resp: 345149

Ion Ratio Lower Upper

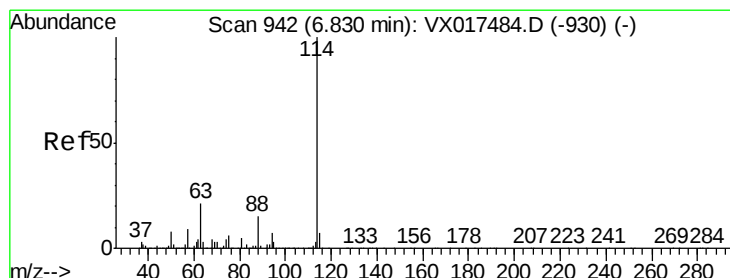
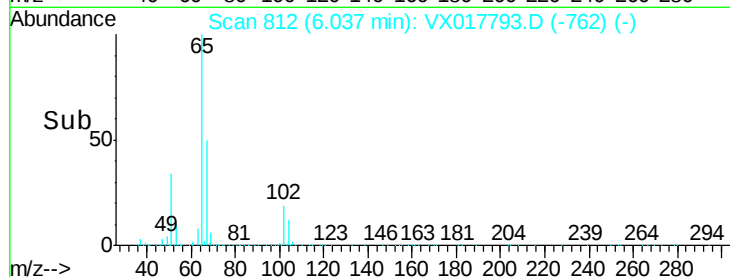
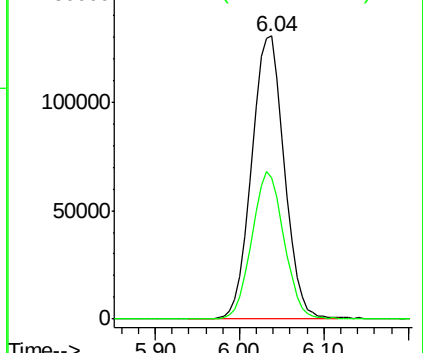
65 100

67 51.4 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: VX017793.D

Acq: 05 Aug 2020 13:22

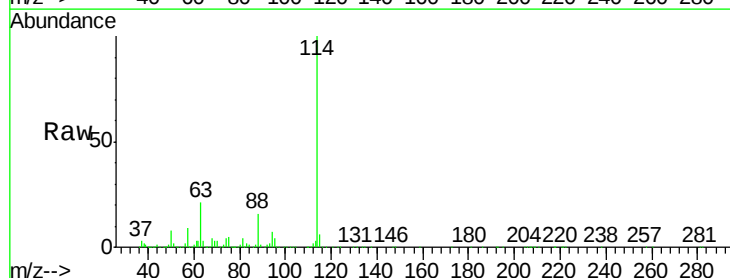
Tgt Ion: 114 Resp: 751773

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

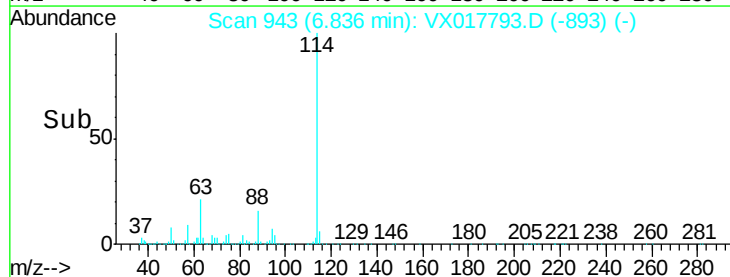
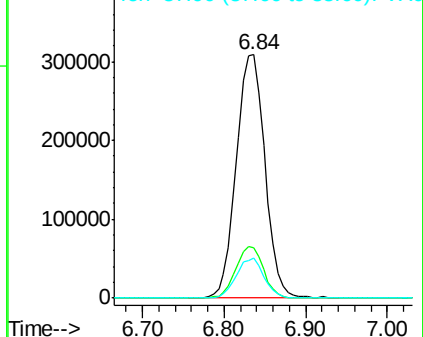
88 16.4 0.0 33.4

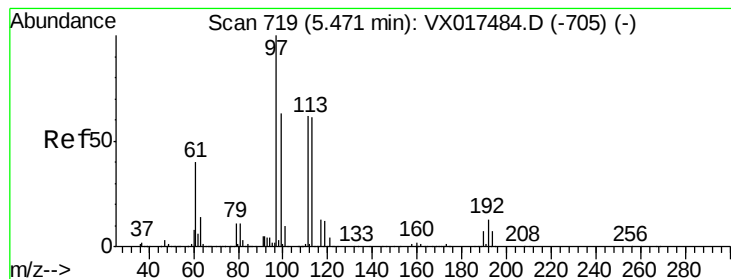


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.983 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017793.D

Acq: 05 Aug 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-418-420DL

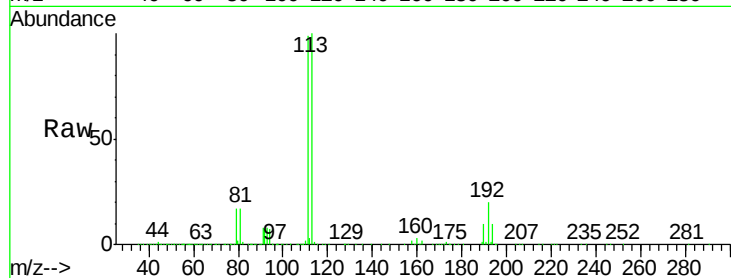
Tot Ion:113 Resp: 271420

Ion Ratio Lower Upper

113 100

111 100.7 80.7 121.1

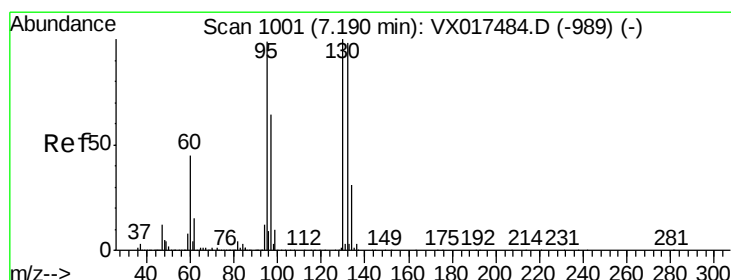
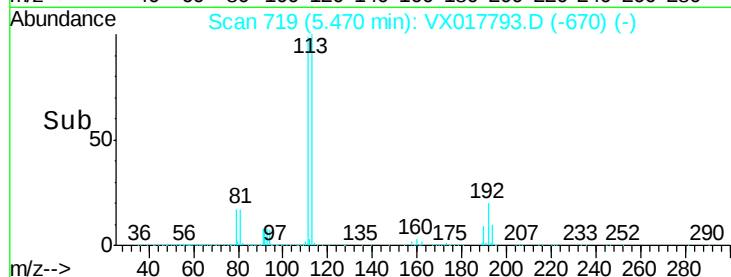
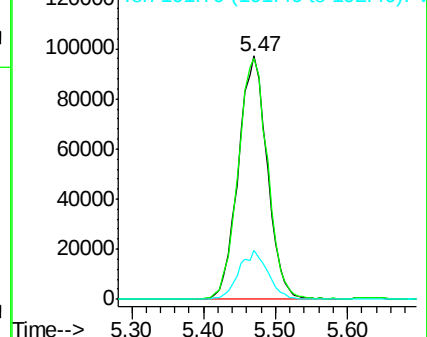
192 20.0 16.9 25.3



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: 56.074 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017793.D

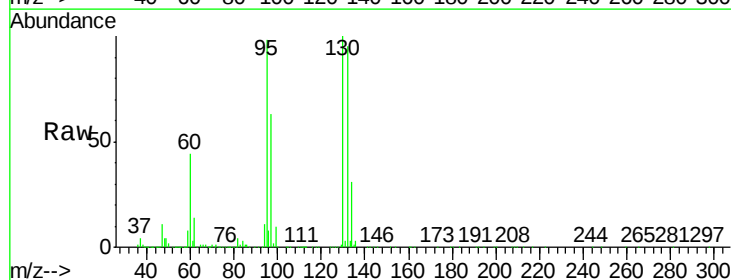
Acq: 05 Aug 2020 13:22

Tgt Ion:130 Resp: 338744

Ion Ratio Lower Upper

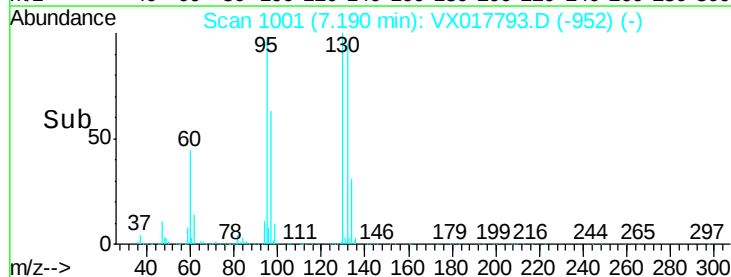
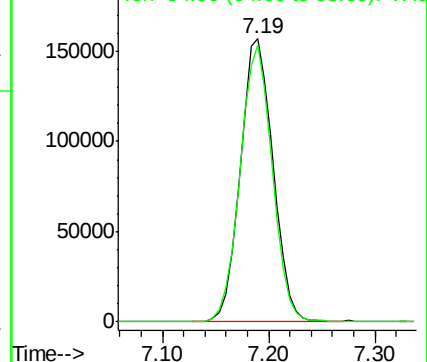
130 100

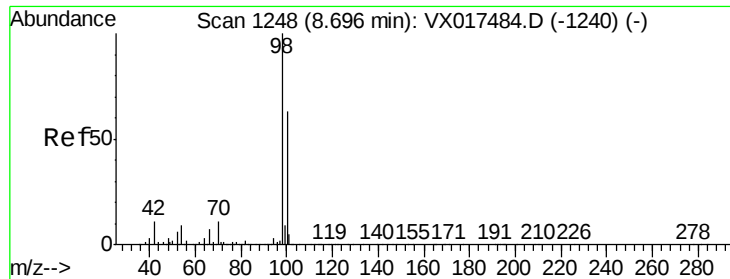
95 97.6 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 47.789 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017793.D

Acq: 05 Aug 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

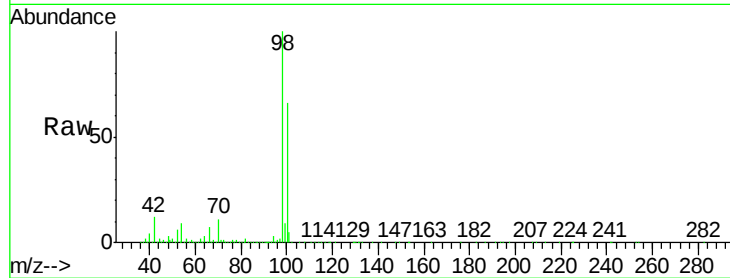
BP-VPB179-GW-418-420DL

Tot Ion: 98 Resp: 866797

Ion Ratio Lower Upper

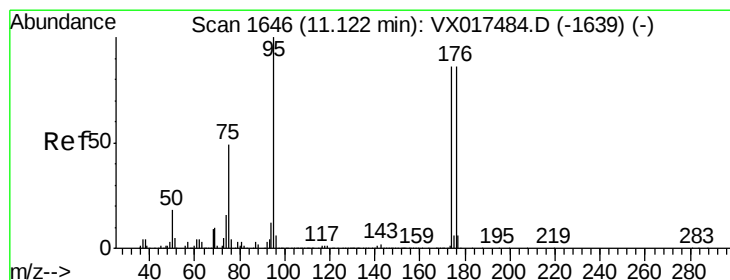
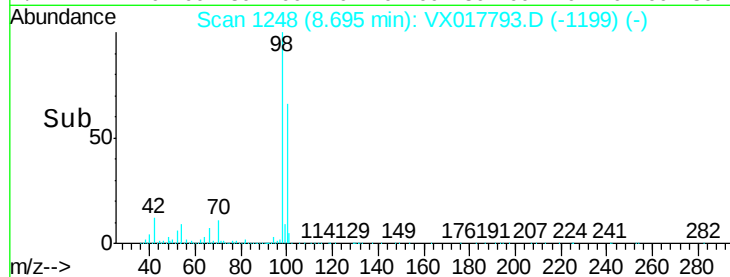
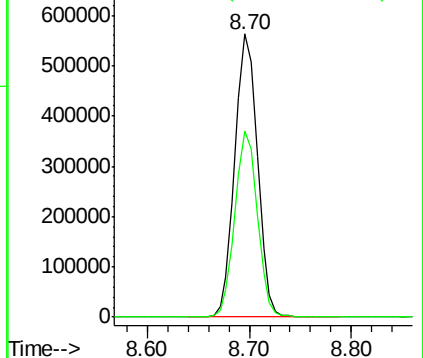
98 100

100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 42.820 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017793.D

Acq: 05 Aug 2020 13:22

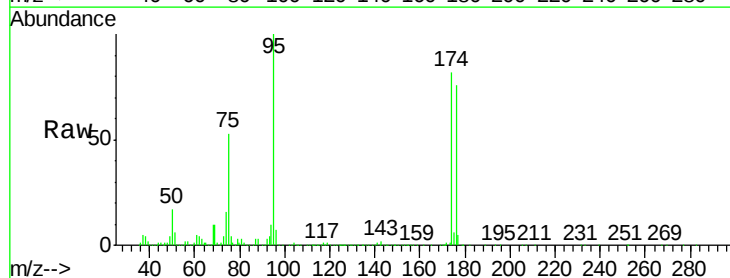
Tgt Ion: 95 Resp: 310824

Ion Ratio Lower Upper

95 100

174 84.9 0.0 169.0

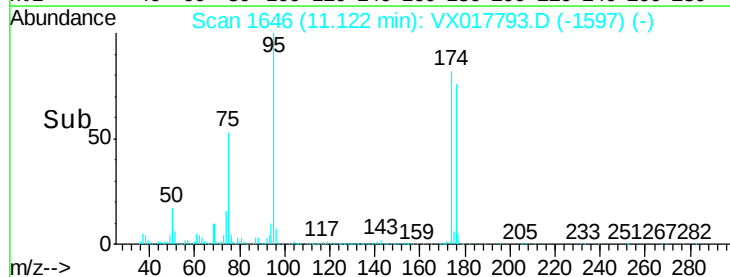
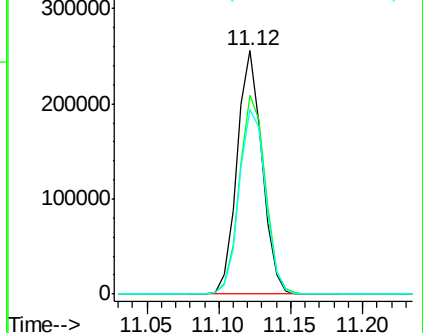
176 79.8 0.0 161.0

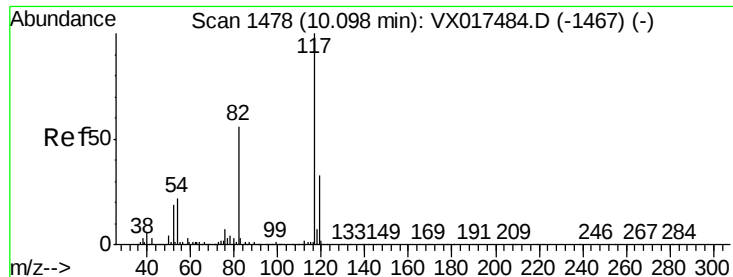


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

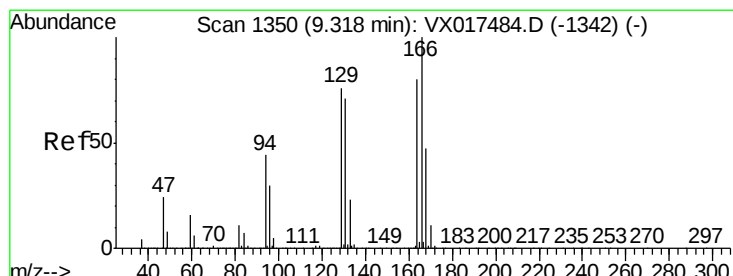
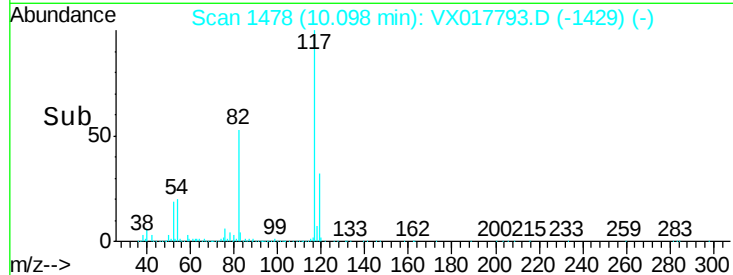
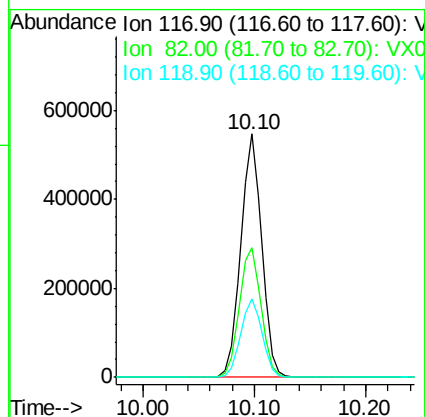
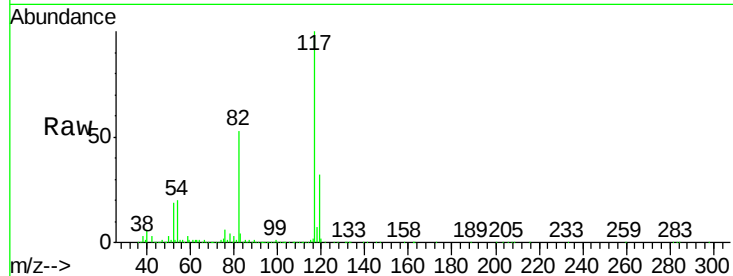




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017793.D
Acq: 05 Aug 2020 13:22

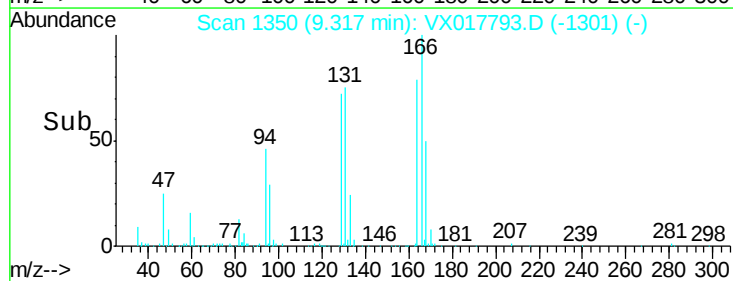
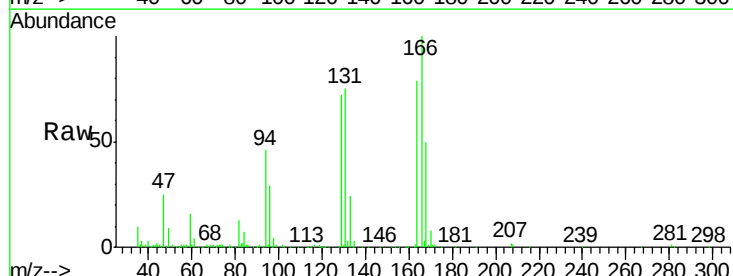
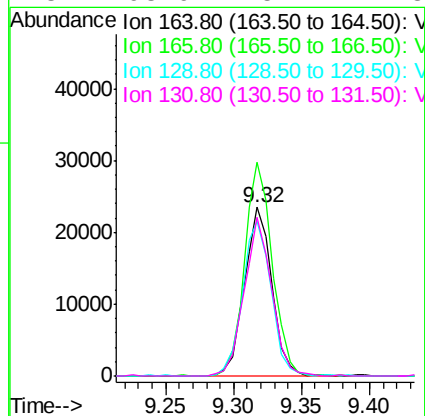
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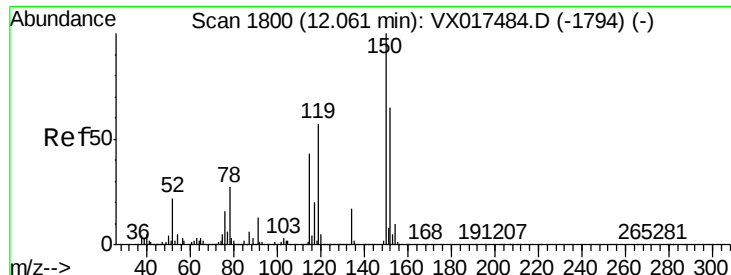
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.0	66.0
119	32.3	25.4	38.0



#64
Tetrachloroethene
Concen: 5.186 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017793.D
Acq: 05 Aug 2020 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.6	150.8
129	91.5	75.0	112.6
131	93.9	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: VX017793.D

Acq: 05 Aug 2020 13:22

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-418-420DL

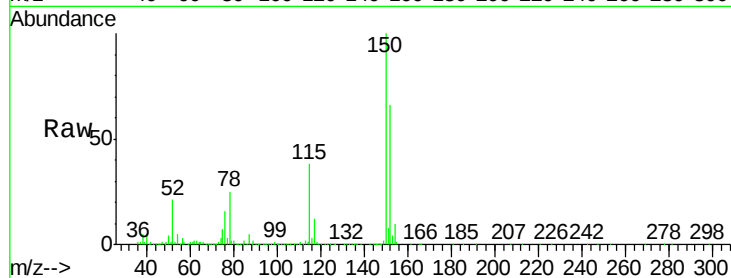
Tot Ion:152 Resp: 329847

Ion Ratio Lower Upper

152 100

115 58.7 65.5 196.6#

150 156.1 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

