

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019463.D
 Acq On : 18 Nov 2020 20:09
 Operator : JC/MD
 Sample : L4787-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-663-665

Quant Time: Nov 19 12:06:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

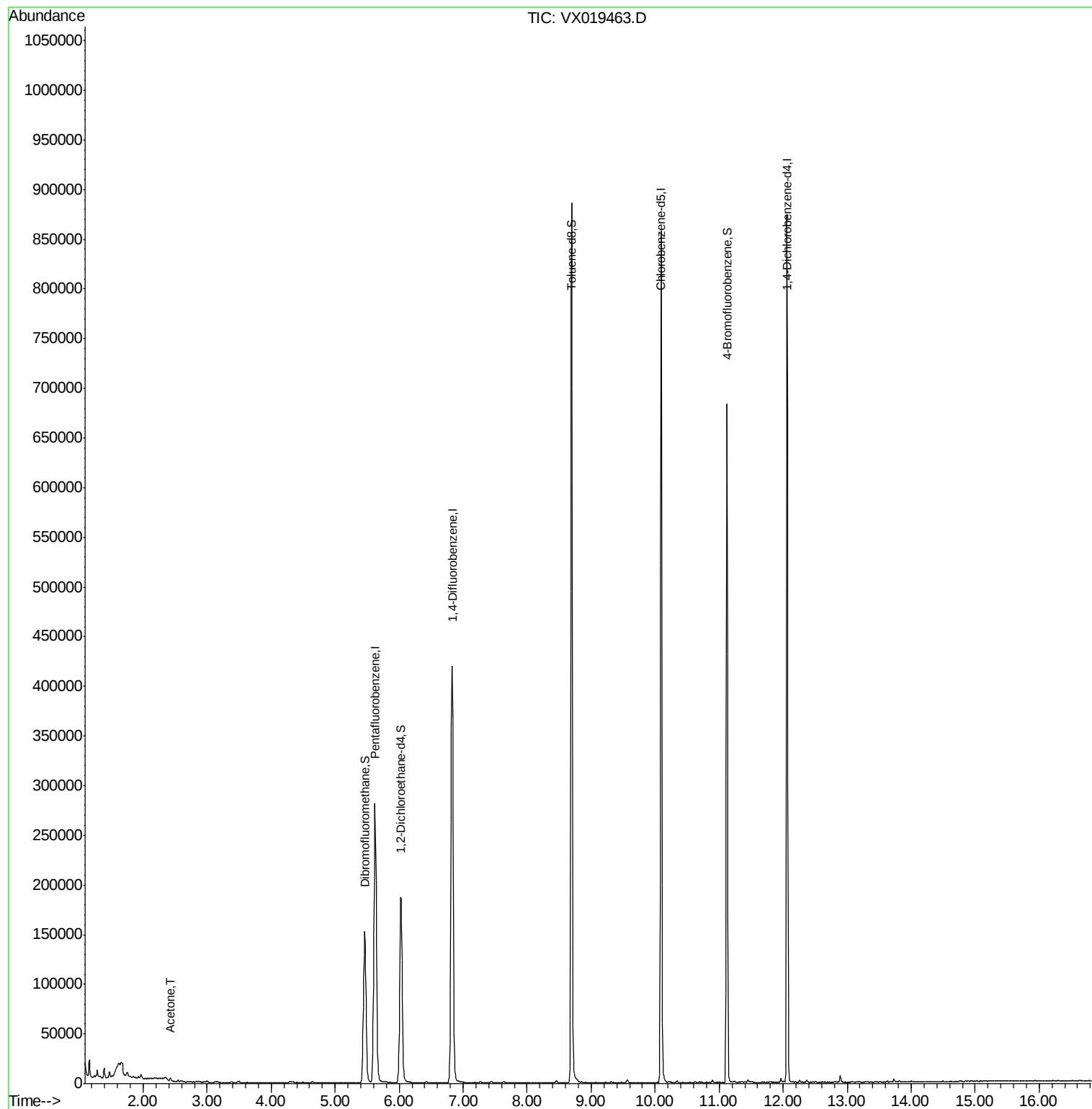
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	250449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	420618	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	182699	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	5.46	113	130699	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
50) Toluene-d8	8.70	98	519661	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	182593	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
16) Acetone	2.43	43	3734	2.460	ug/l	Qvalue 99

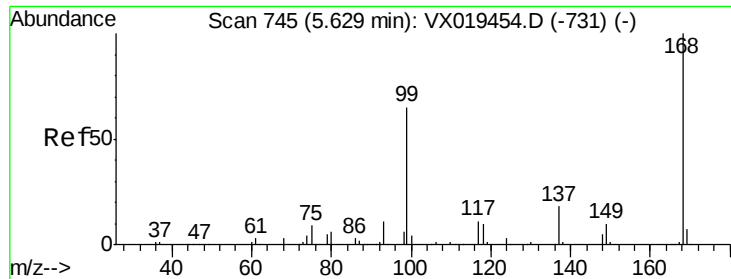
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Acq: 18 Nov 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

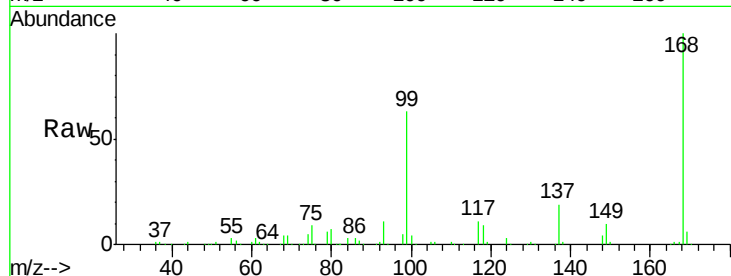
BP-VPB178-GW-663-665

Tot Ion:168 Resp: 250449

Ion Ratio Lower Upper

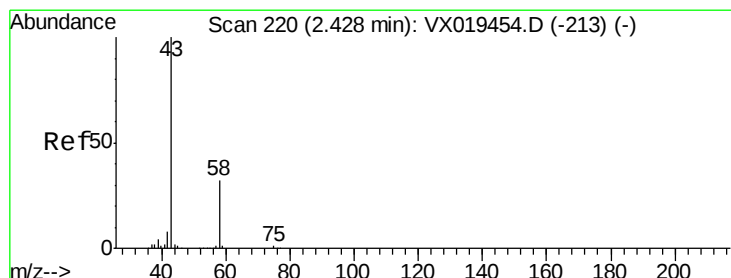
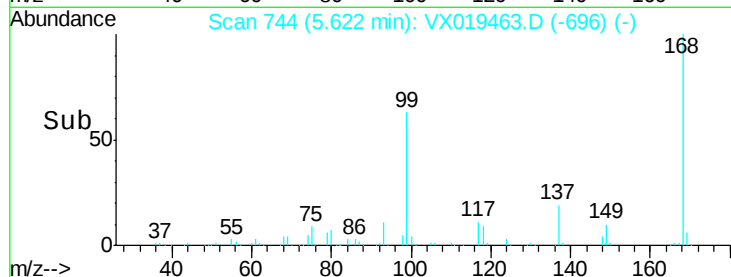
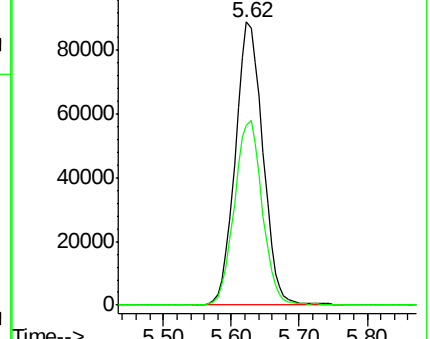
168 100

99 63.4 52.1 78.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.460 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019463.D

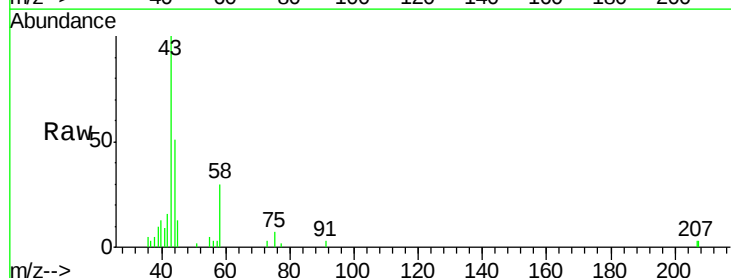
Acq: 18 Nov 2020 20:09

Tgt Ion: 43 Resp: 3734

Ion Ratio Lower Upper

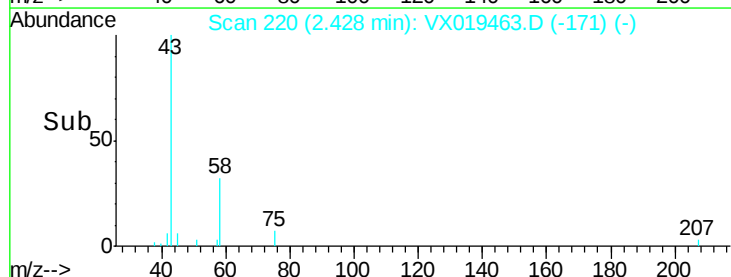
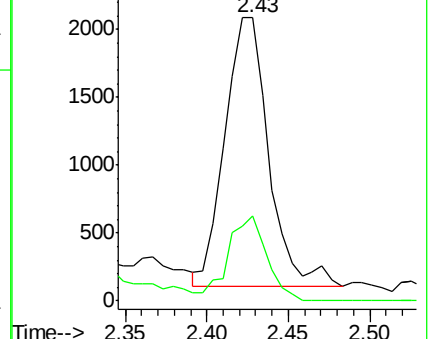
43 100

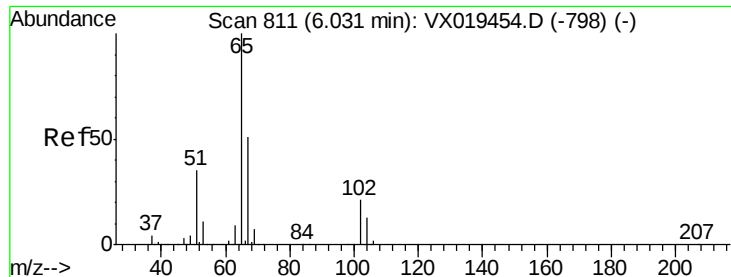
58 31.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.556 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019463.D

Acq: 18 Nov 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

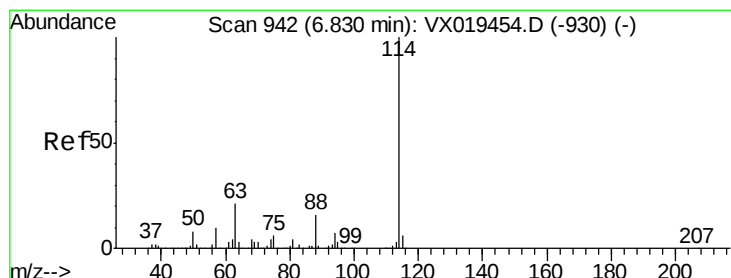
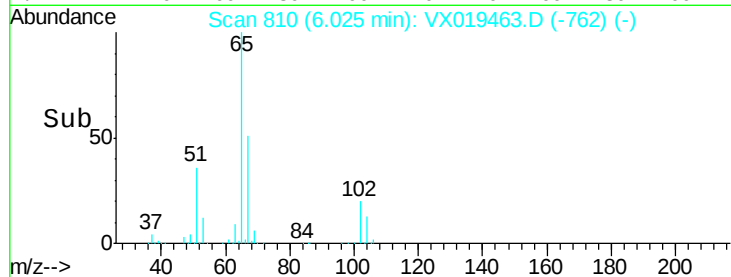
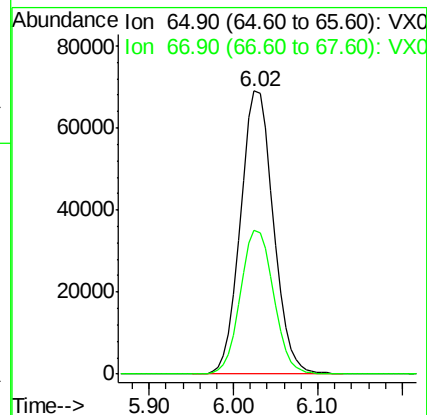
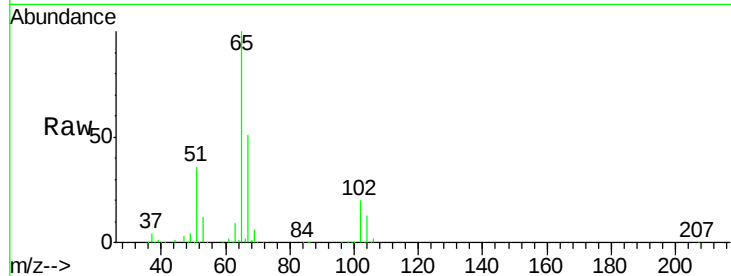
BP-VPB178-GW-663-665

Tot Ion: 65 Resp: 182699

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019463.D

Acq: 18 Nov 2020 20:09

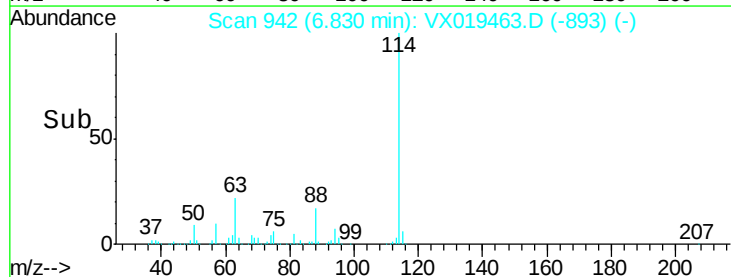
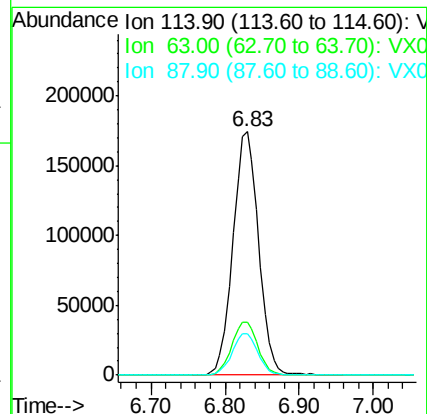
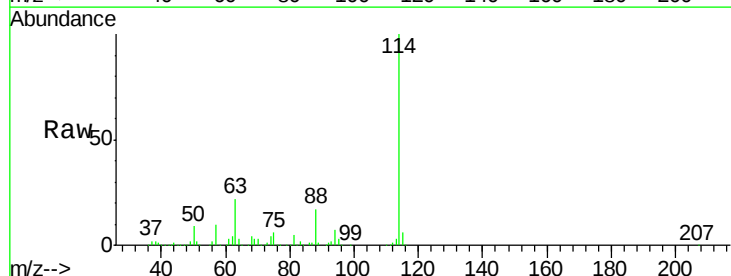
Tgt Ion: 114 Resp: 420618

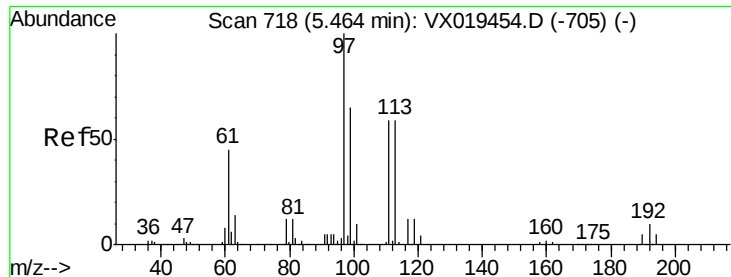
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.0

88 17.1 0.0 32.0

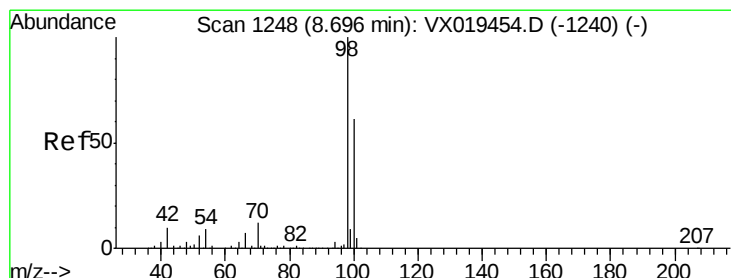
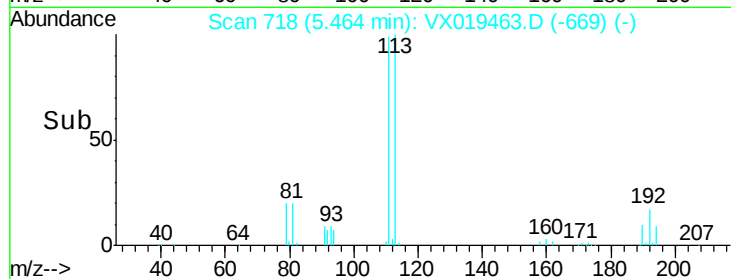
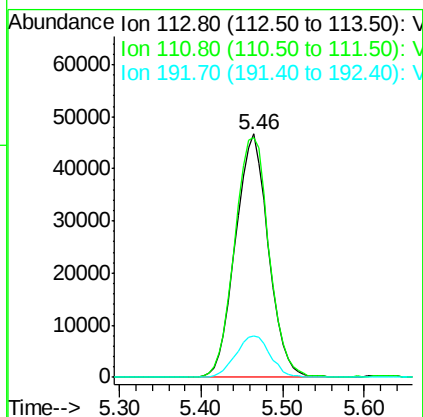
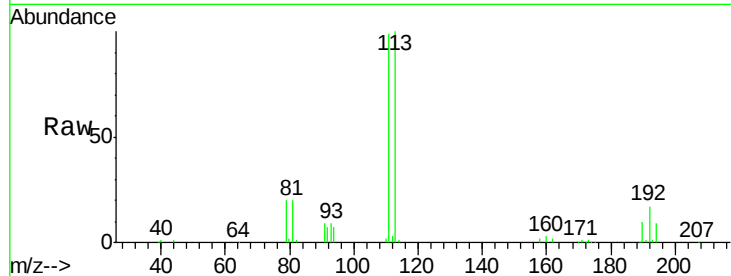




#35
 Dibromofluoromethane
 Concen: 47.223 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019463.D
 Acq: 18 Nov 2020 20:09

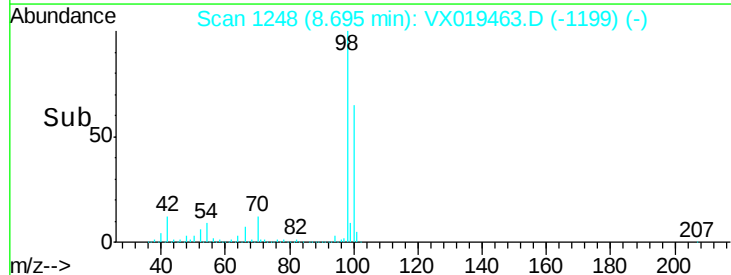
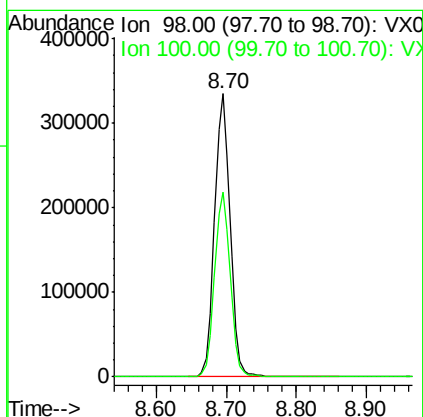
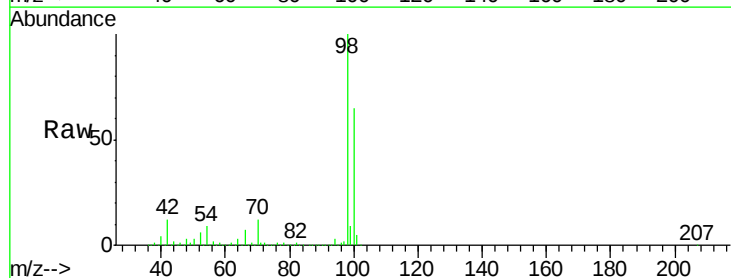
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB178-GW-663-665

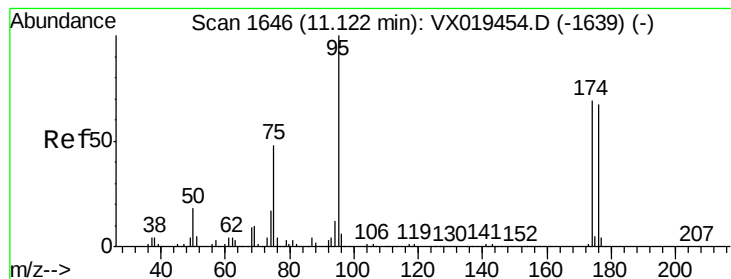
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	17.9	14.2	21.4



#50
 Toluene-d8
 Concen: 48.317 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019463.D
 Acq: 18 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	79.0





#62

4-Bromofluorobenzene

Concen: 46.211 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019463.D

Acq: 18 Nov 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-663-665

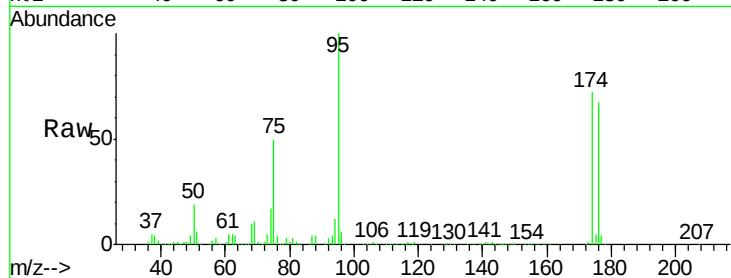
Tot Ion: 95 Resp: 182593

Ion Ratio Lower Upper

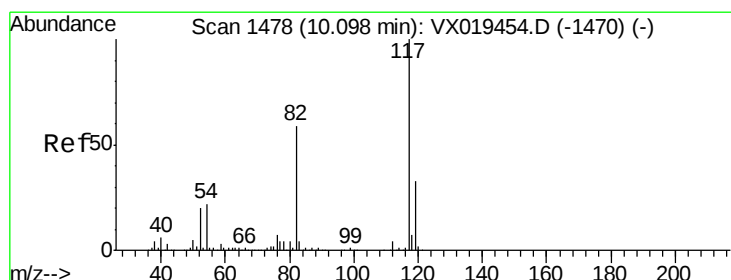
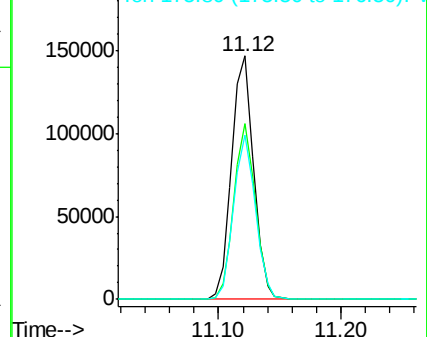
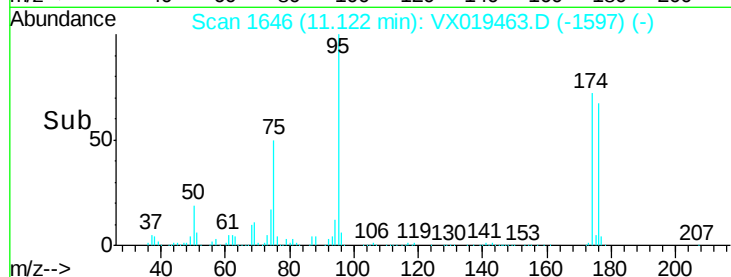
95 100

174 70.9 0.0 141.4

176 66.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VX019463.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019463.D

Acq: 18 Nov 2020 20:09

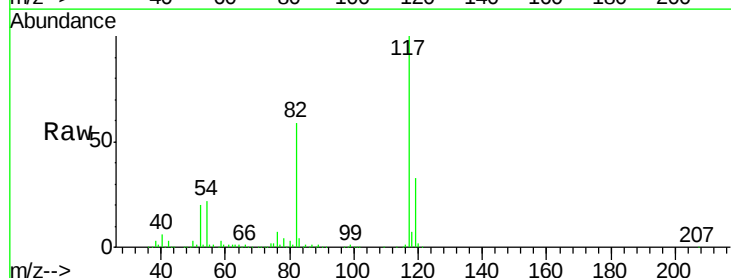
Tgt Ion: 117 Resp: 384969

Ion Ratio Lower Upper

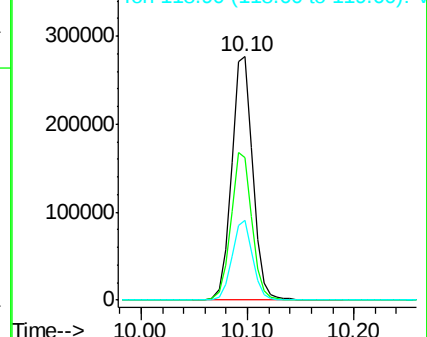
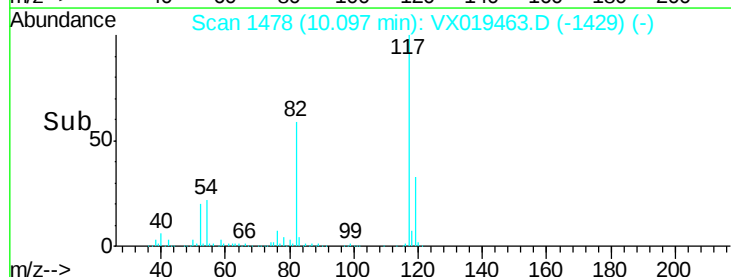
117 100

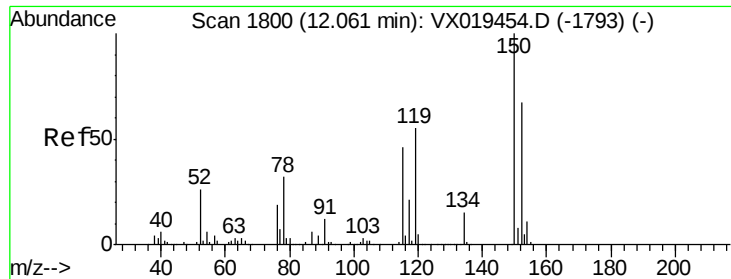
82 58.8 47.4 71.2

119 32.7 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): VX019463.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019463.D

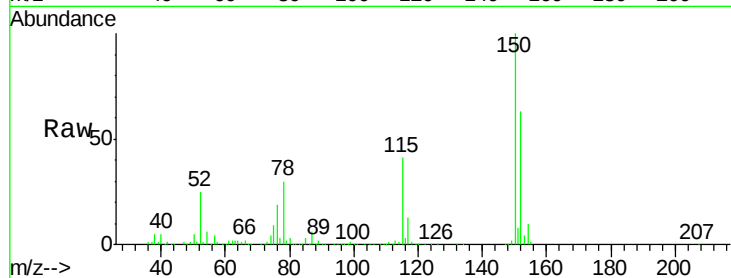
Acq: 18 Nov 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB178-GW-663-665



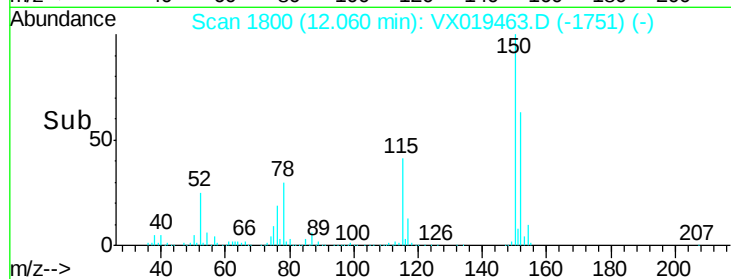
Tot Ion:152 Resp: 165443

Ion Ratio Lower Upper

152 100

115 63.2 44.9 134.7

150 155.8 0.0 344.4



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

