

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017984.D
 Acq On : 19 Aug 2020 14:55
 Operator : JC/SP
 Sample : L3718-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-298-300

Quant Time: Aug 19 15:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

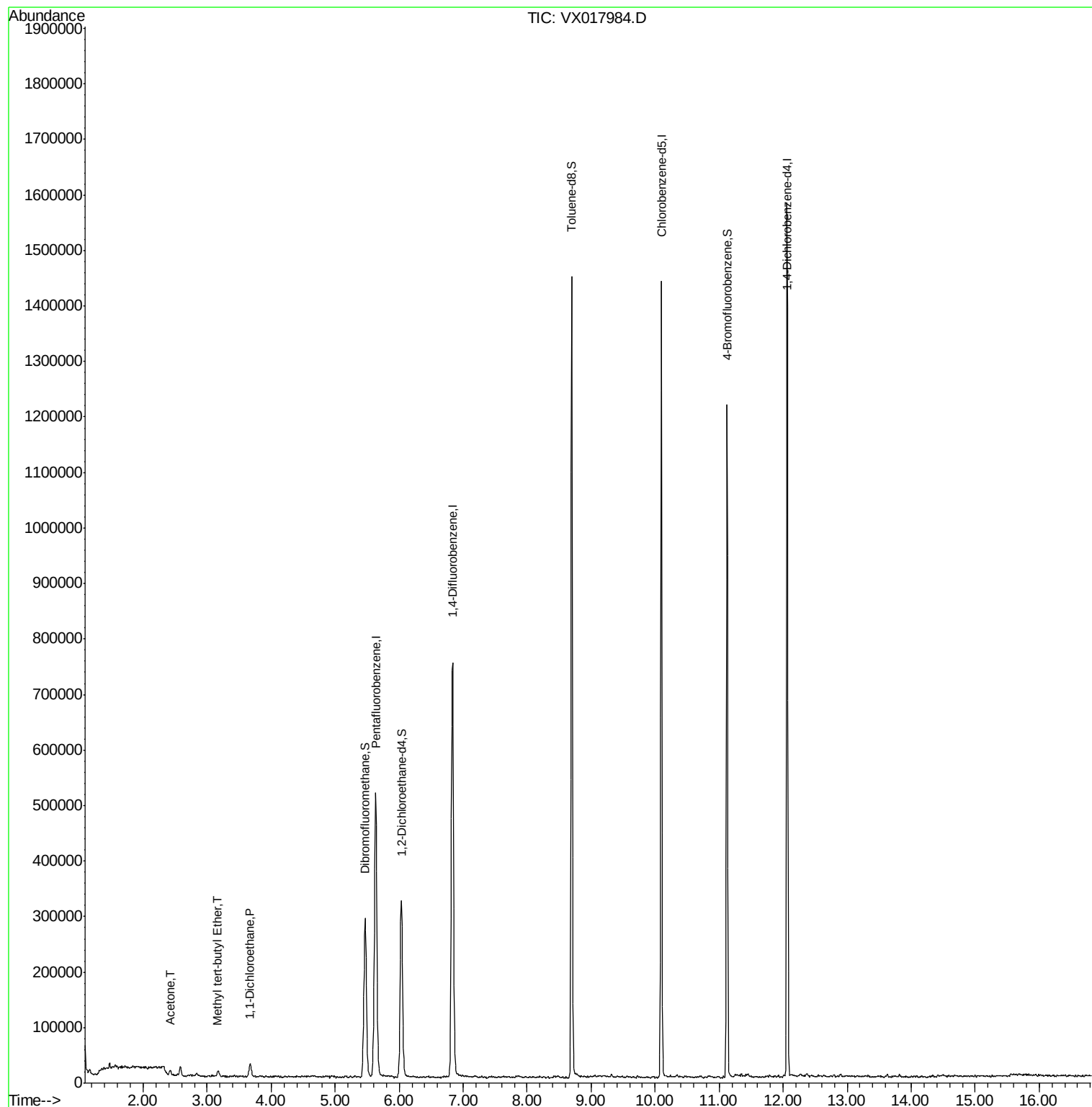
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	476140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	756246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	642640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	317098	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
35) Dibromofluoromethane	5.46	113	252648	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
50) Toluene-d8	8.70	98	841012	42.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.50%	
62) 4-Bromofluorobenzene	11.12	95	300104	40.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.64%	
Target Compounds						
16) Acetone	2.42	43	11246	4.095	ug/l	90
19) Methyl tert-butyl Ether	3.17	73	12904	0.786	ug/l	94
24) 1,1-Dichloroethane	3.67	63	27355	3.075	ug/l #	93

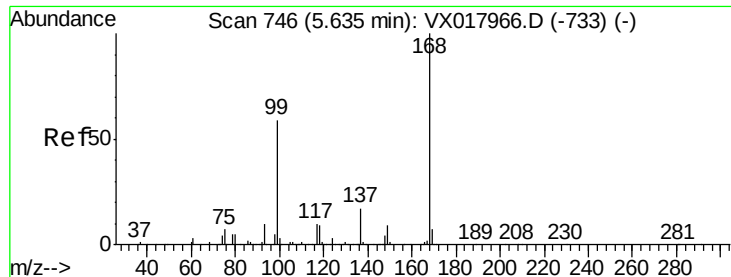
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017984.D

Acq: 19 Aug 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

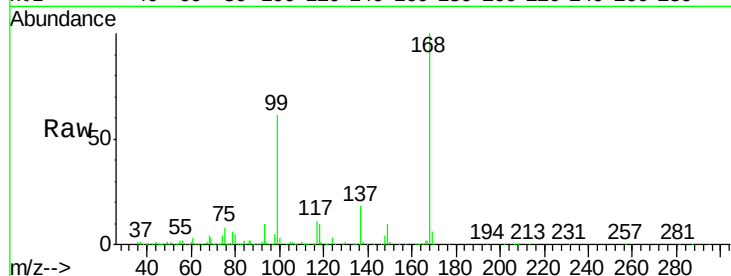
BP-VPB181-GW-298-300

Tot Ion:168 Resp: 476140

Ion Ratio Lower Upper

168 100

99 60.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

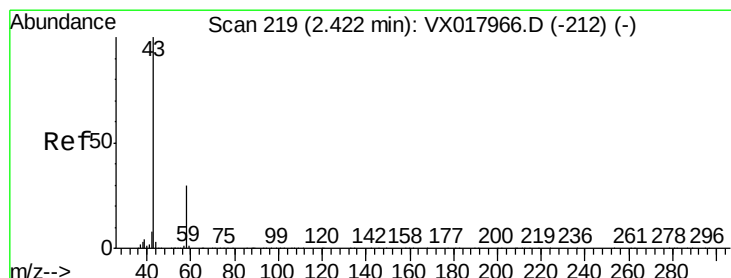
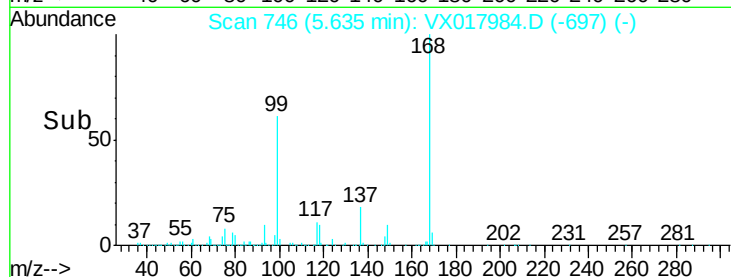
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.095 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017984.D

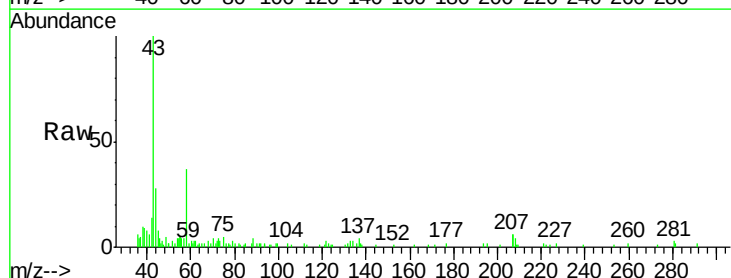
Acq: 19 Aug 2020 14:55

Tgt Ion: 43 Resp: 11246

Ion Ratio Lower Upper

43 100

58 35.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

3000

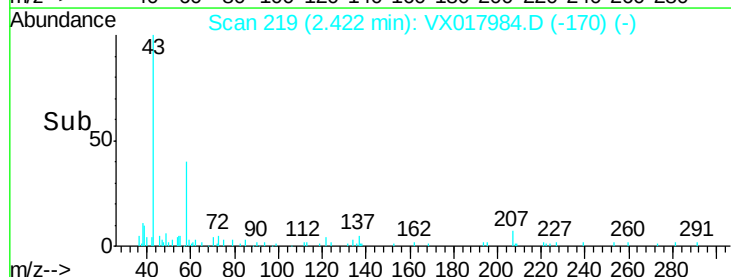
2000

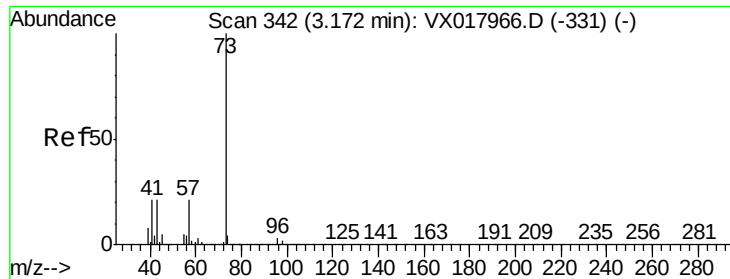
1000

0

Time-->

2.30 2.40 2.50

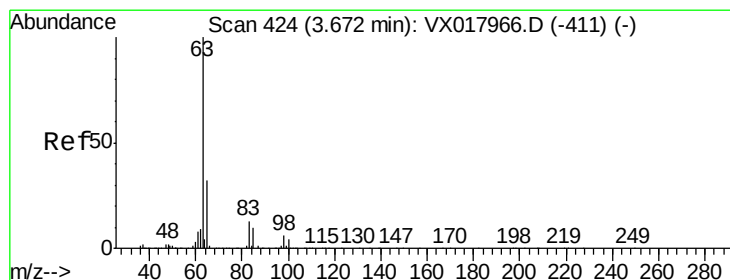
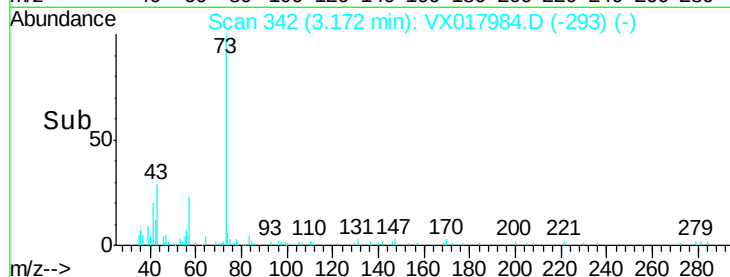
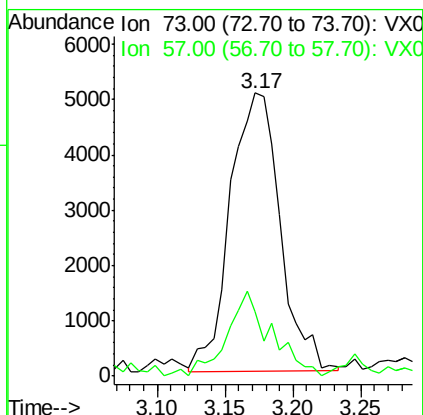
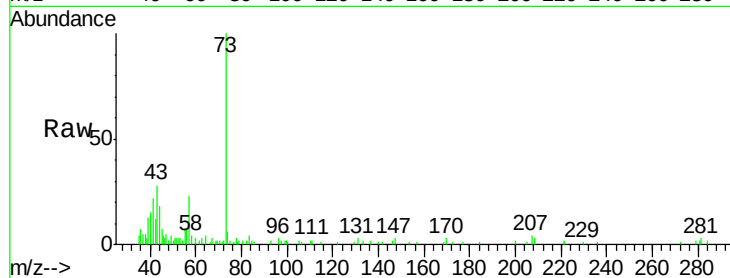




#19
Methyl tert-butyl Ether
Concen: 0.786 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017984.D
Acq: 19 Aug 2020 14:55

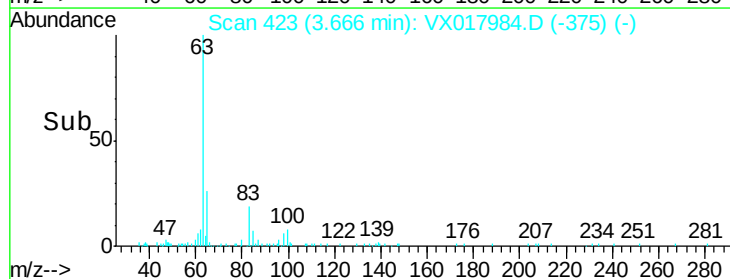
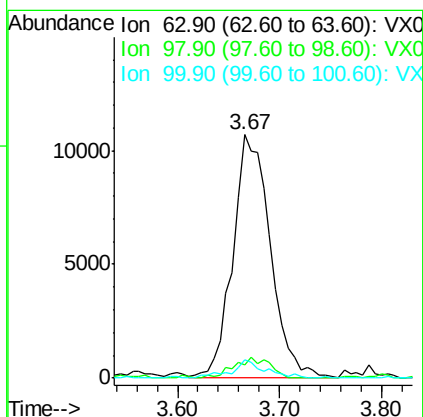
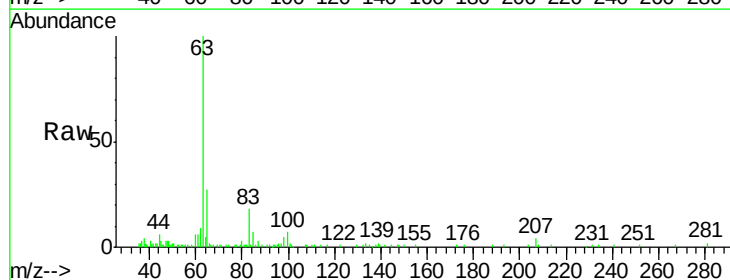
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-GW-298-300

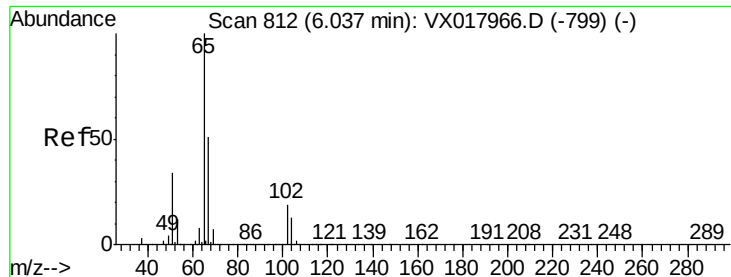
Tot Ion: 73 Resp: 12904
Ion Ratio Lower Upper
73 100
57 23.7 16.9 25.3



#24
1,1-Dichloroethane
Concen: 3.075 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX017984.D
Acq: 19 Aug 2020 14:55

Tgt Ion: 63 Resp: 27355
Ion Ratio Lower Upper
63 100
98 5.5 3.0 9.0
100 9.1 2.0 5.8#

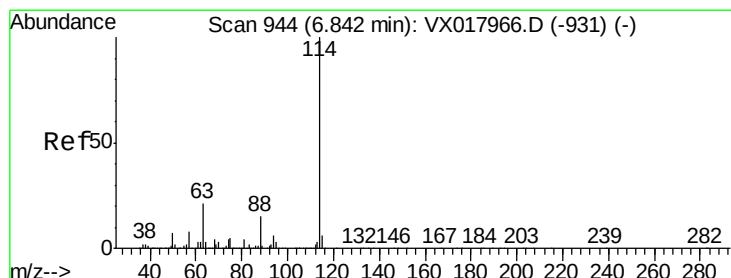
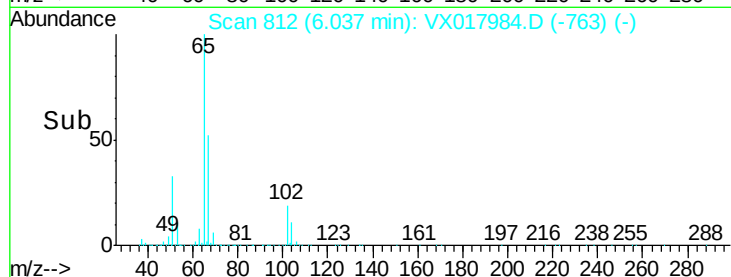
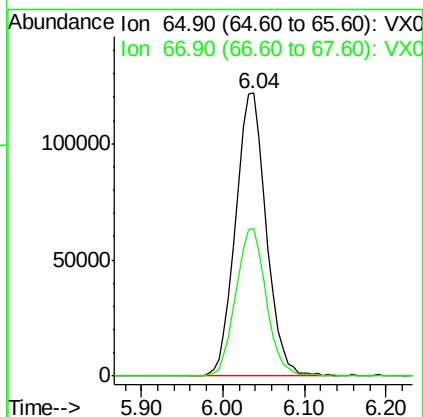
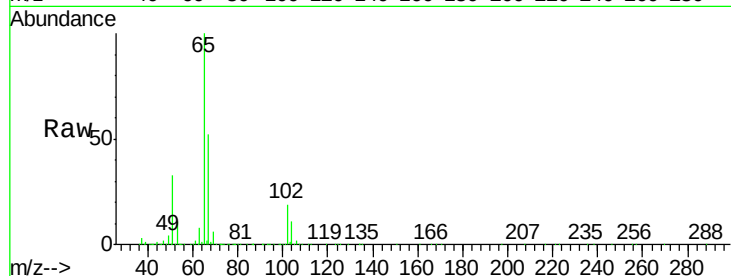




#33
 1,2-Dichloroethane-d4
 Concen: 45.430 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX017984.D
 Acq: 19 Aug 2020 14:55

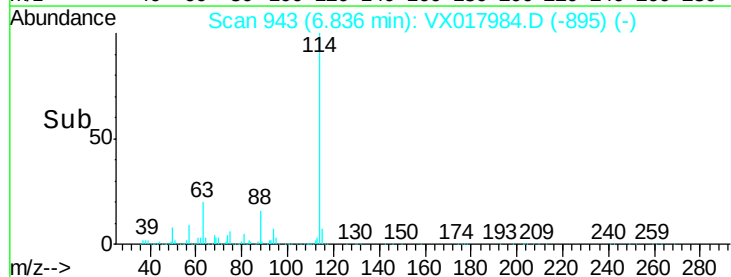
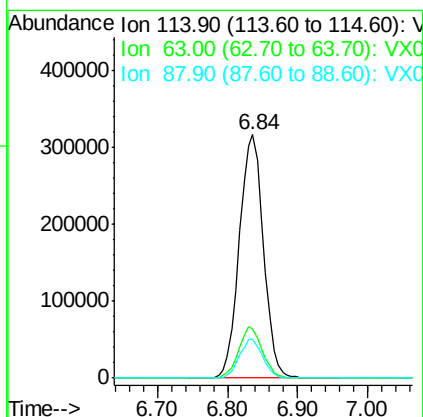
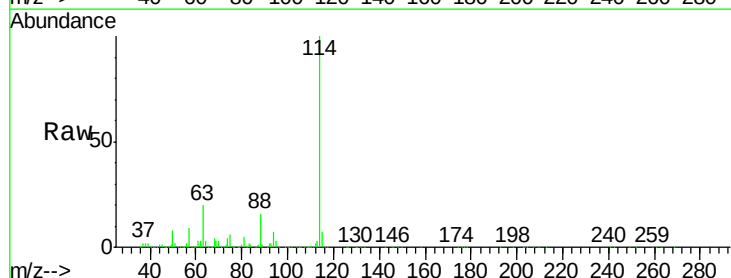
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-298-300

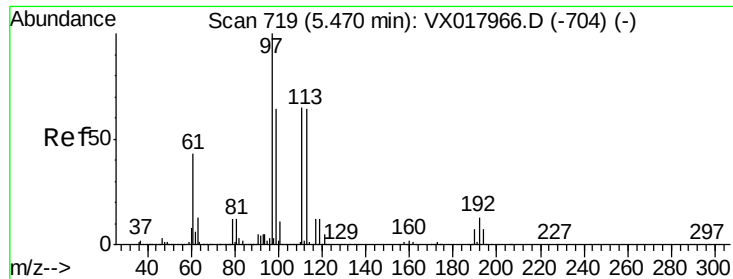
Tot Ion: 65 Resp: 317098
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX017984.D
 Acq: 19 Aug 2020 14:55

Tgt Ion: 114 Resp: 756246
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.6
 88 16.1 0.0 30.2

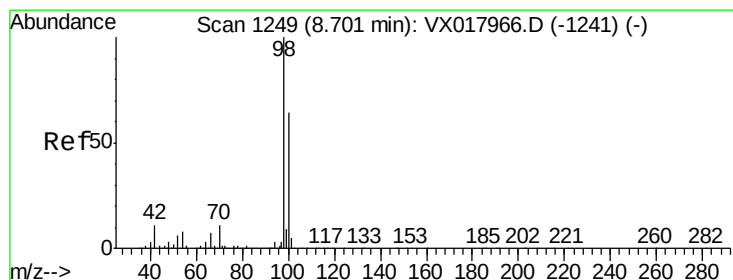
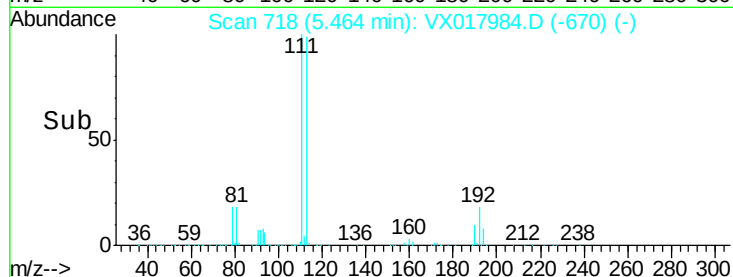
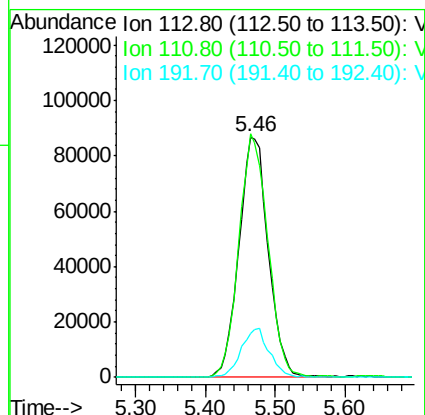
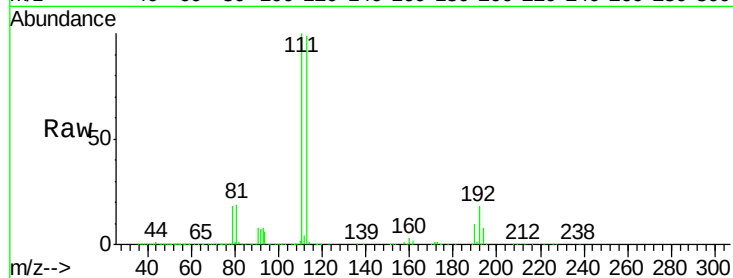




#35
 Dibromofluoromethane
 Concen: 44.862 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017984.D
 Acq: 19 Aug 2020 14:55

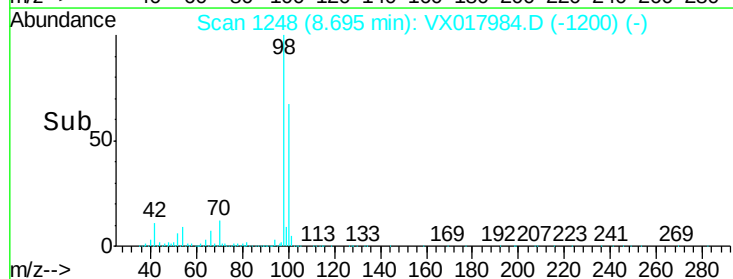
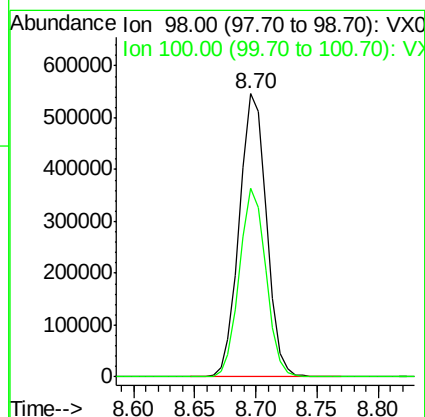
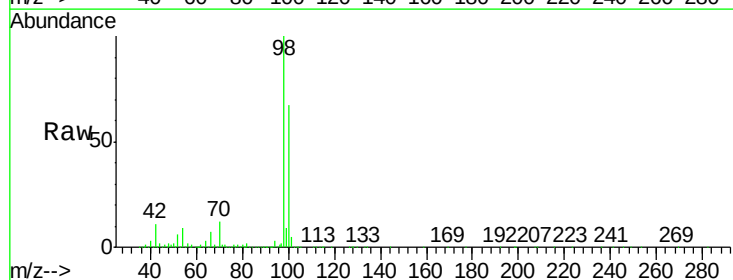
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-298-300

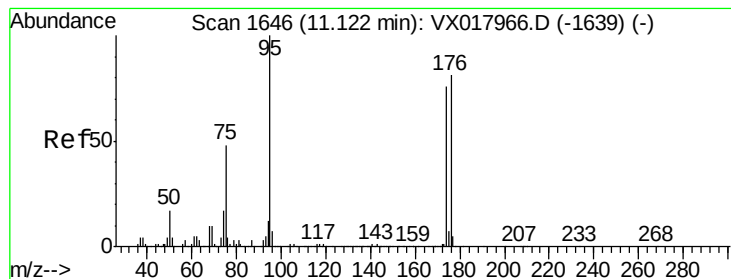
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.5	125.3
192	19.5	16.2	24.4



#50
 Toluene-d8
 Concen: 42.248 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: VX017984.D
 Acq: 19 Aug 2020 14:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 40.818 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017984.D

Acq: 19 Aug 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-298-300

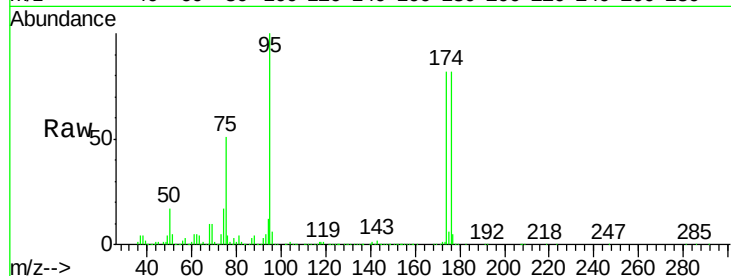
Tot Ion: 95 Resp: 300104

Ion Ratio Lower Upper

95 100

174 84.0 0.0 166.0

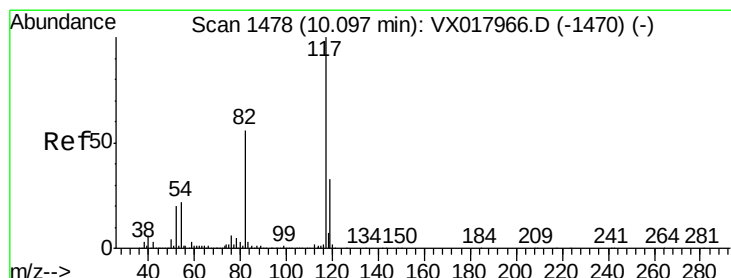
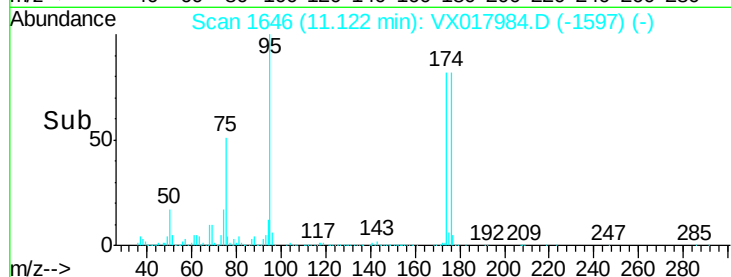
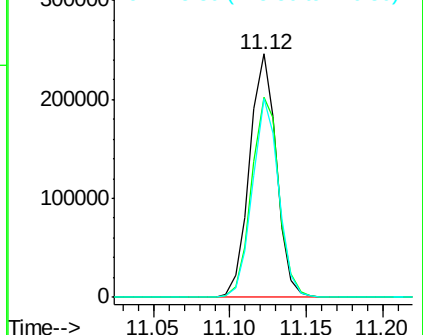
176 80.3 0.0 161.0



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: VX017984.D

Acq: 19 Aug 2020 14:55

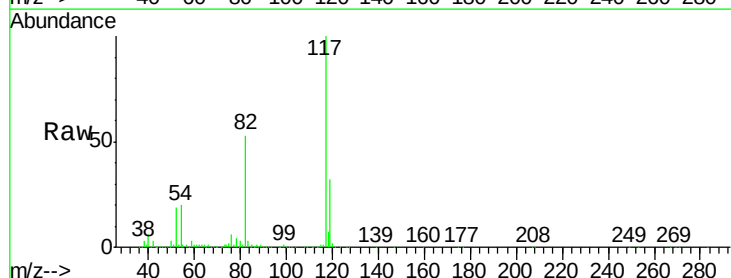
Tgt Ion: 117 Resp: 642640

Ion Ratio Lower Upper

117 100

82 53.0 44.6 66.8

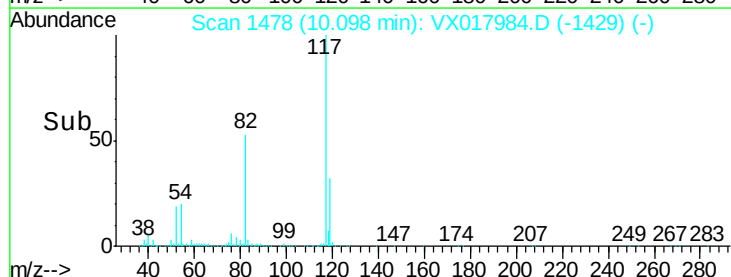
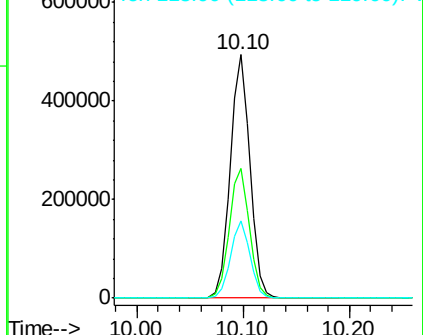
119 31.7 26.2 39.4

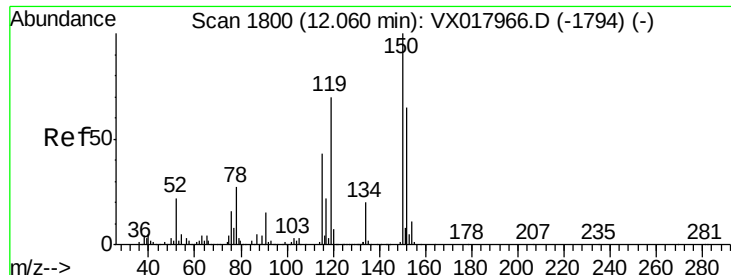


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017984.D

Acq: 19 Aug 2020 14:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-298-300

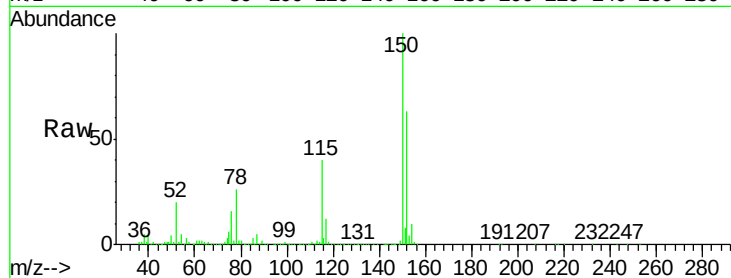
Tot Ion:152 Resp: 329456

Ion Ratio Lower Upper

152 100

115 58.5 40.6 121.7

150 155.2 0.0 346.4



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

