

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017987.D
 Acq On : 19 Aug 2020 16:04
 Operator : JC/SP
 Sample : L3718-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 19 17:10:41 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

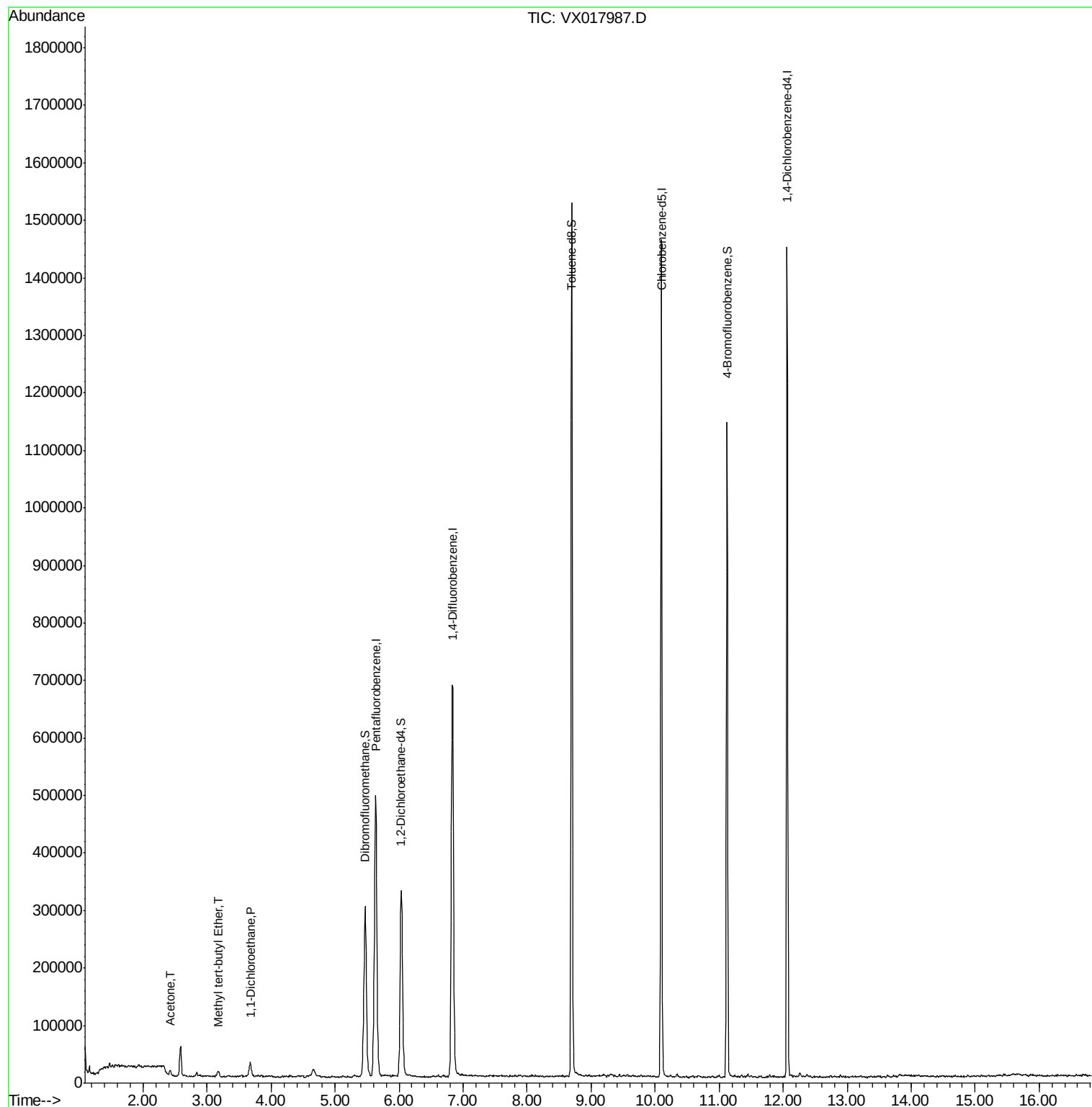
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	455007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	686809	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	642372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	293968	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	324071	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
35) Dibromofluoromethane	5.47	113	252205	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	8.70	98	896437	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.12	95	285688	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
16) Acetone	2.42	43	9478	3.612	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	11423	0.729	ug/l #	87
24) 1,1-Dichloroethane	3.67	63	26700	3.141	ug/l #	93

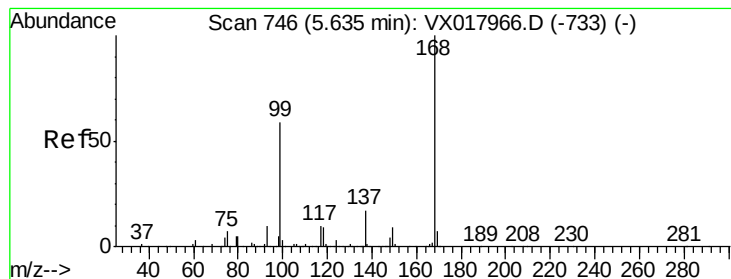
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

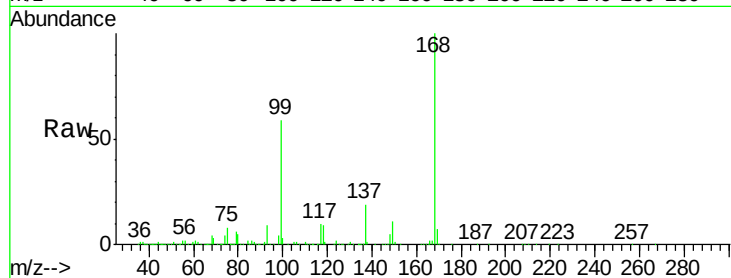
BP-VPB181-GW-298-300

Tot Ion:168 Resp: 455007

Ion Ratio Lower Upper

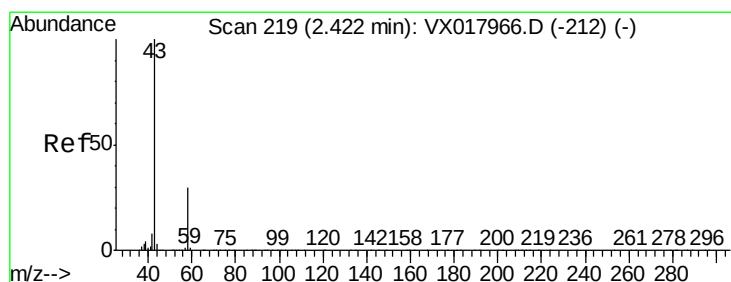
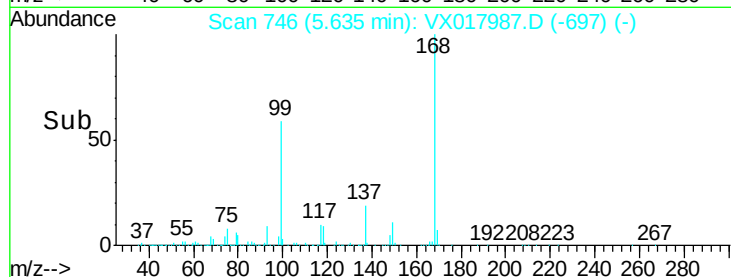
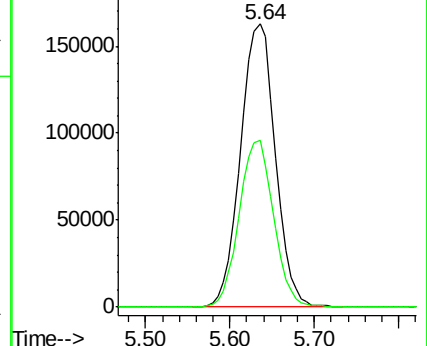
168 100

99 59.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.612 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017987.D

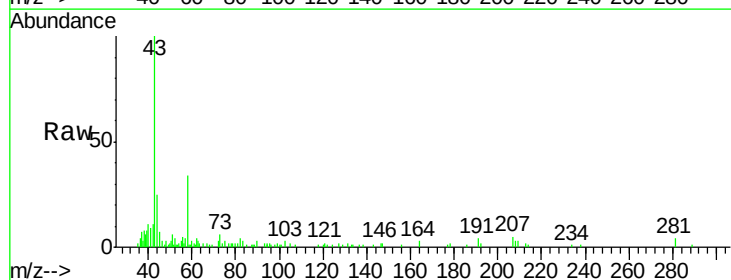
Acq: 19 Aug 2020 16:04

Tgt Ion: 43 Resp: 9478

Ion Ratio Lower Upper

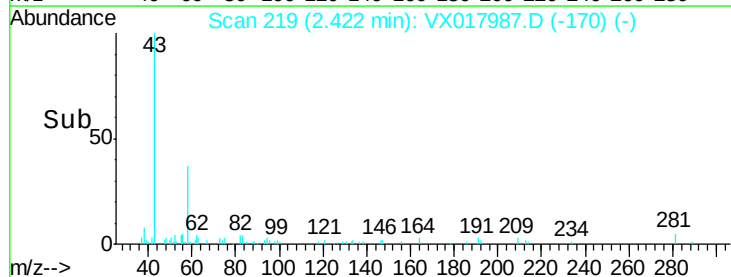
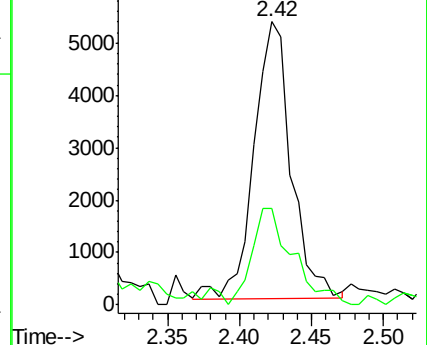
43 100

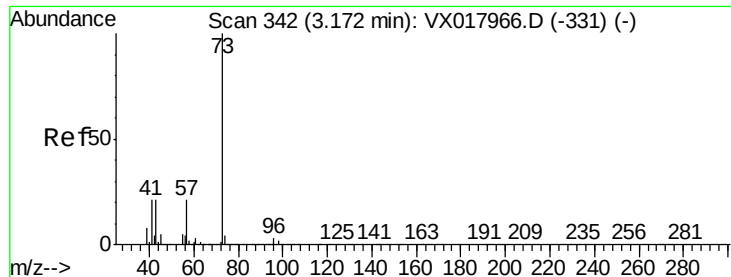
58 33.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



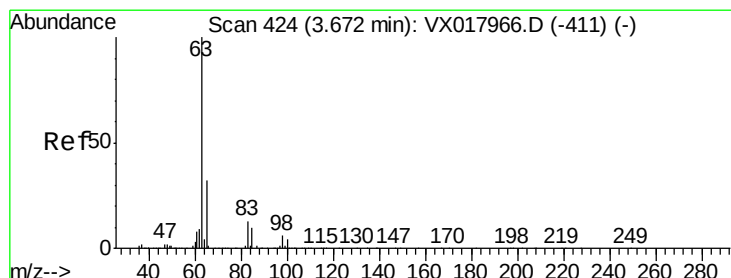
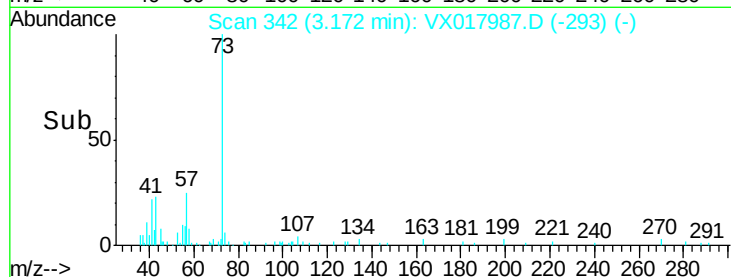
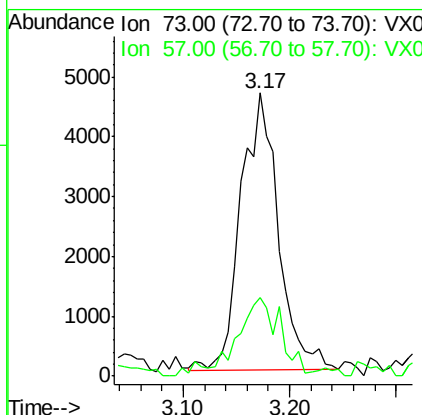
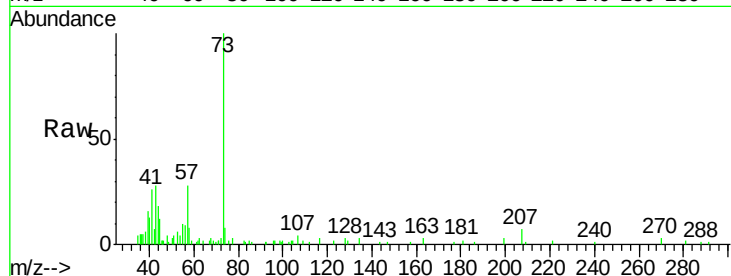


#19

Methyl tert-butyl Ether
 Concen: 0.729 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VX017987.D
 Acq: 19 Aug 2020 16:04

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

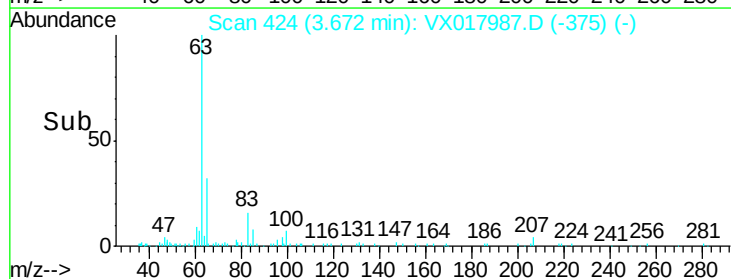
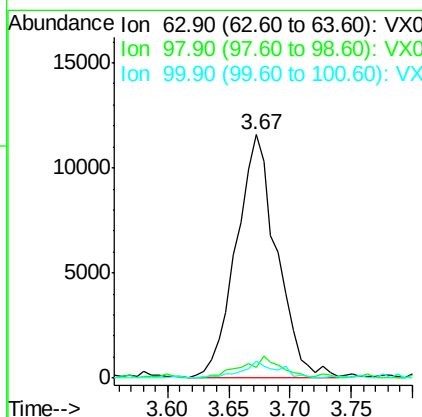
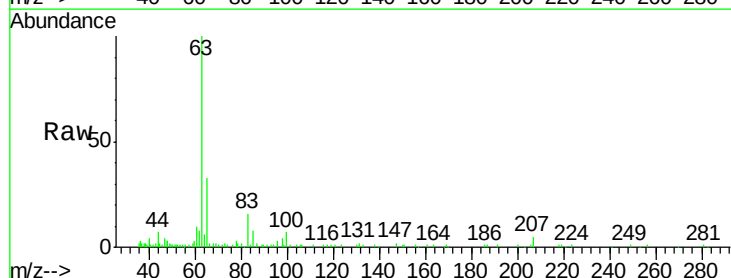
Tot Ion: 73 Resp: 11423
 Ion Ratio Lower Upper
 73 100
 57 27.1 16.9 25.3#

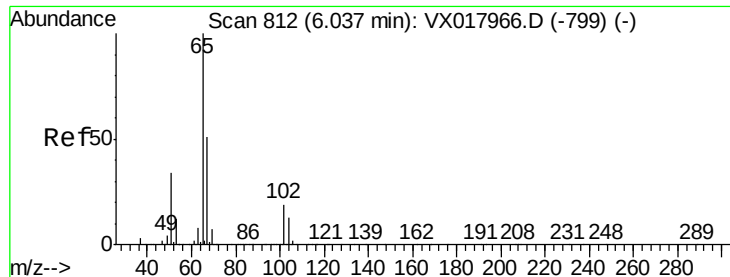


#24

1,1-Dichloroethane
 Concen: 3.141 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX017987.D
 Acq: 19 Aug 2020 16:04

Tgt Ion: 63 Resp: 26700
 Ion Ratio Lower Upper
 63 100
 98 4.3 3.0 9.0
 100 7.0 2.0 5.8#

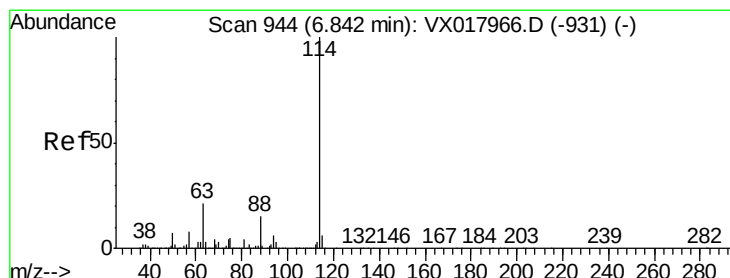
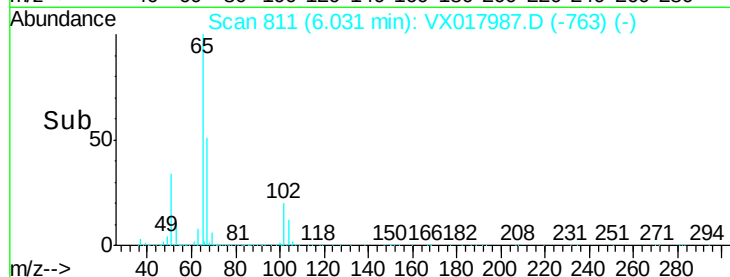
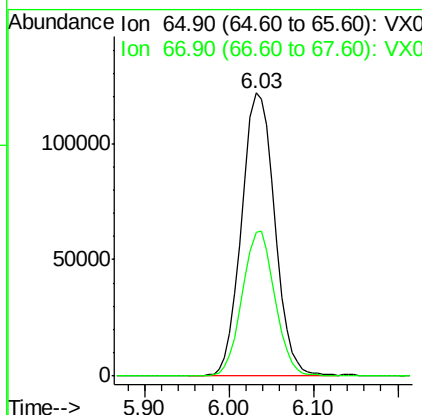
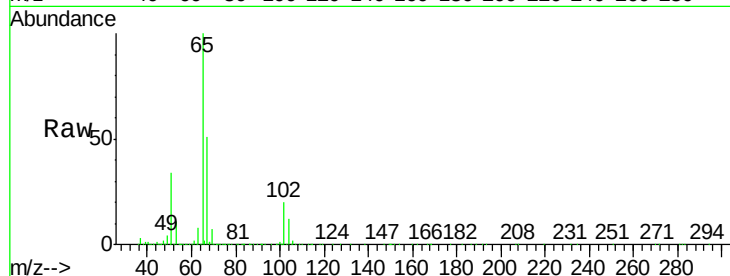




#33
 1,2-Dichloroethane-d4
 Concen: 48.586 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017987.D
 Acq: 19 Aug 2020 16:04

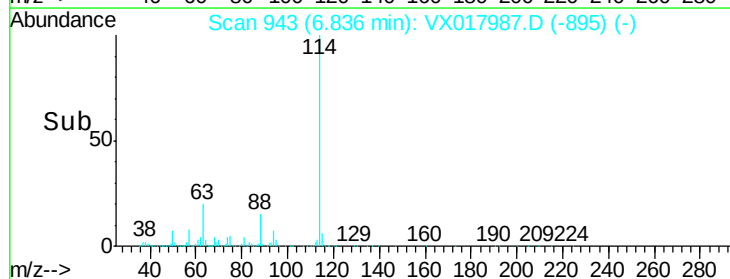
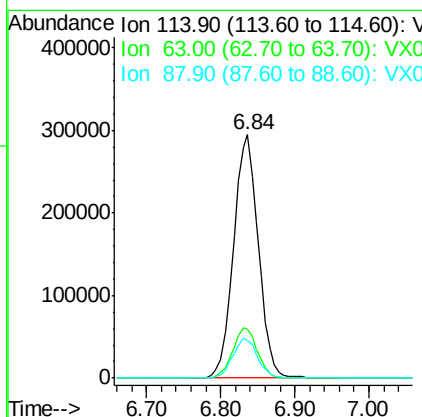
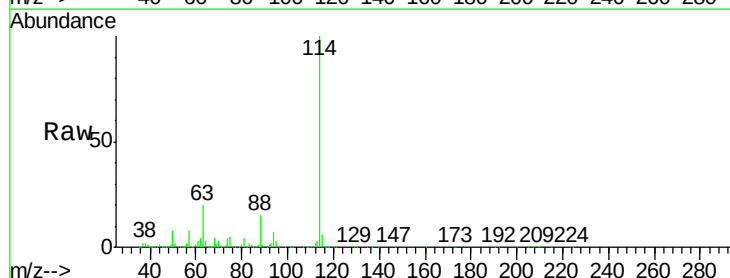
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-298-300

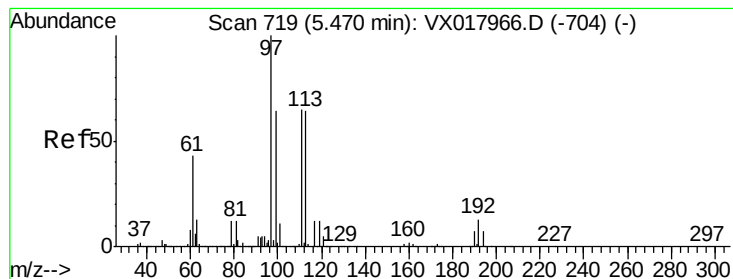
Tot Ion: 65 Resp: 324071
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VX017987.D
 Acq: 19 Aug 2020 16:04

Tgt Ion: 114 Resp: 686809
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.6
 88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.311 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017987.D

Acq: 19 Aug 2020 16:04

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB181-GW-298-300

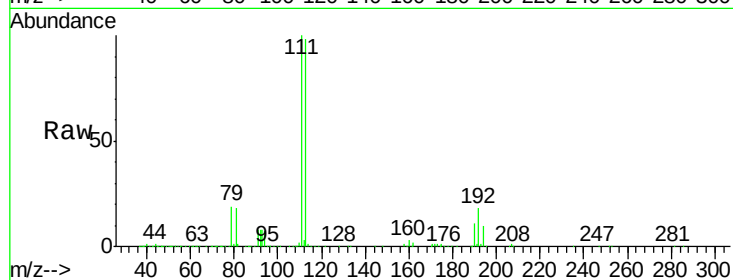
Tot Ion:113 Resp: 252205

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

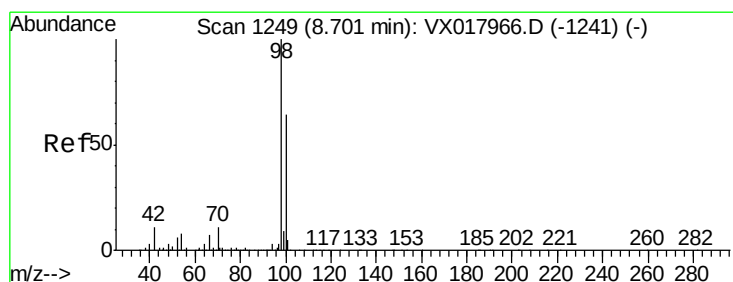
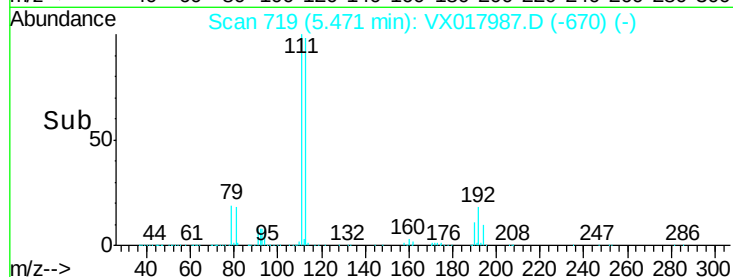
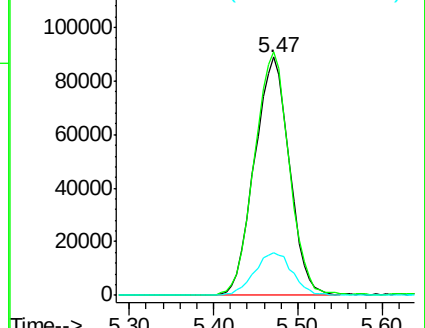
192 19.5 16.2 24.4



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



#50

Toluene-d8

Concen: 49.585 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017987.D

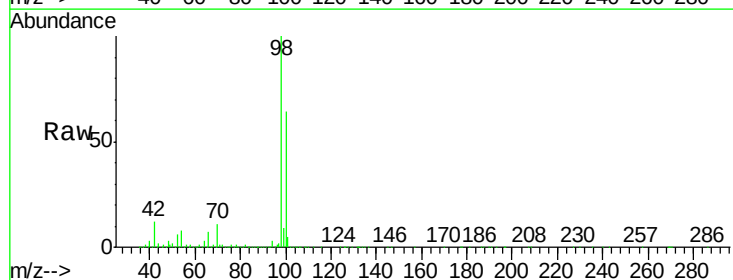
Acq: 19 Aug 2020 16:04

Tgt Ion: 98 Resp: 896437

Ion Ratio Lower Upper

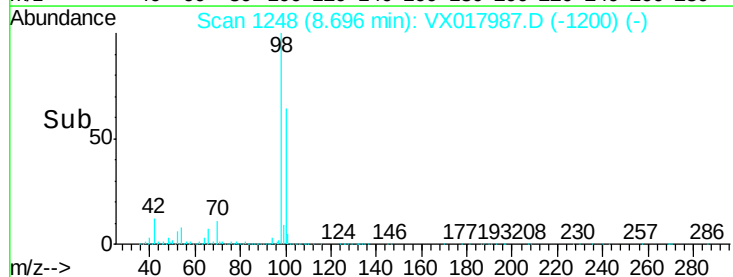
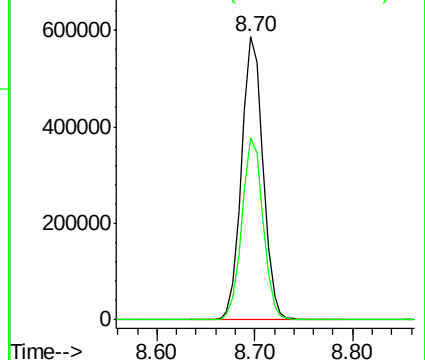
98 100

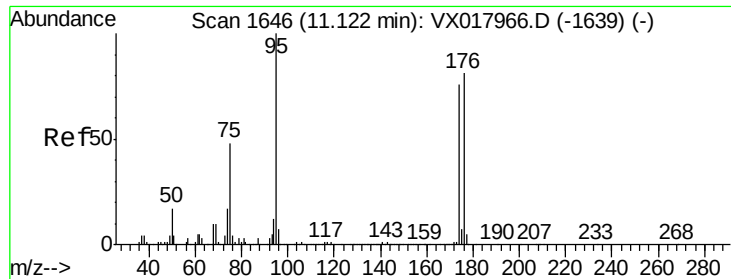
100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.785 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017987.D

Acq: 19 Aug 2020 16:04

Instrument :

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ClientSampleId :

BP-VPB181-GW-298-300

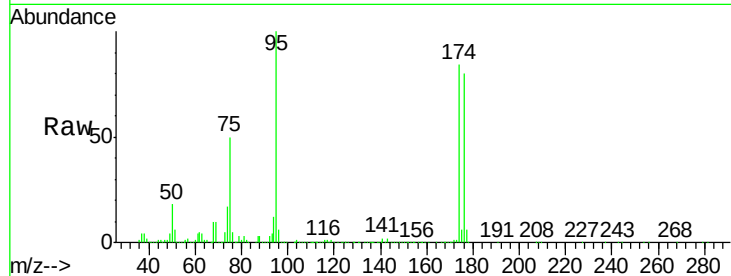
Tot Ion: 95 Resp: 285688

Ion Ratio Lower Upper

95 100

174 85.3 0.0 166.0

176 81.3 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0

300000

250000

200000

150000

100000

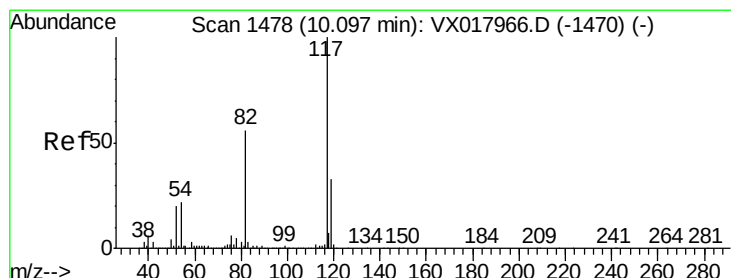
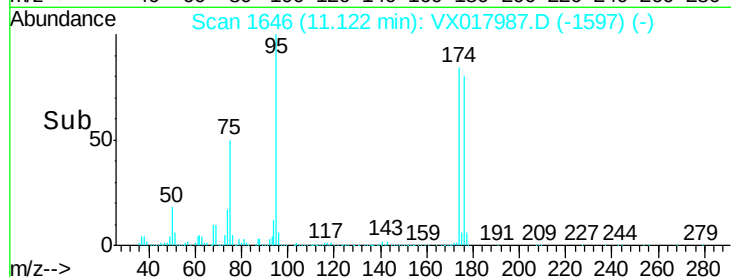
50000

0

11.12

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017987.D

Acq: 19 Aug 2020 16:04

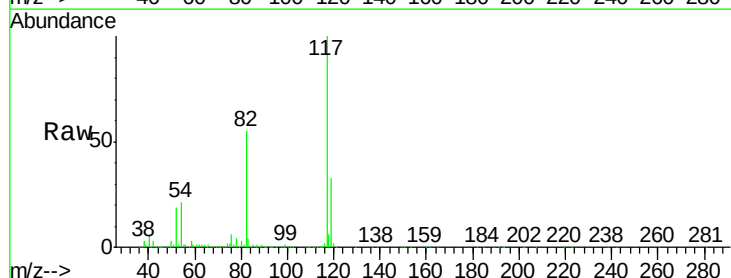
Tgt Ion: 117 Resp: 642372

Ion Ratio Lower Upper

117 100

82 55.2 44.6 66.8

119 33.1 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

600000

500000

400000

300000

200000

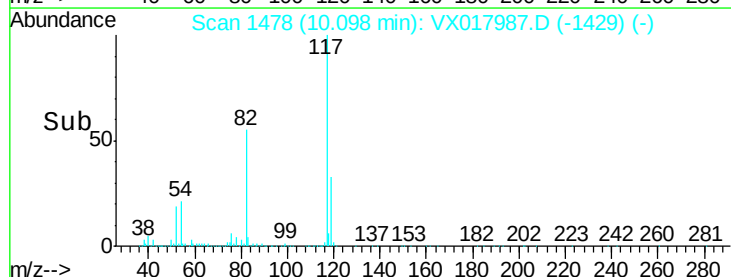
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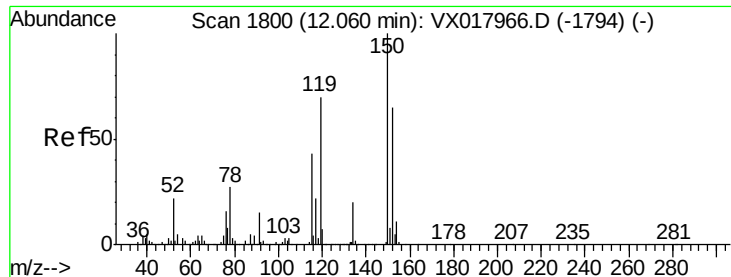
0

10.10

10.00 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017987.D

Acq: 19 Aug 2020 16:04

Instrument :

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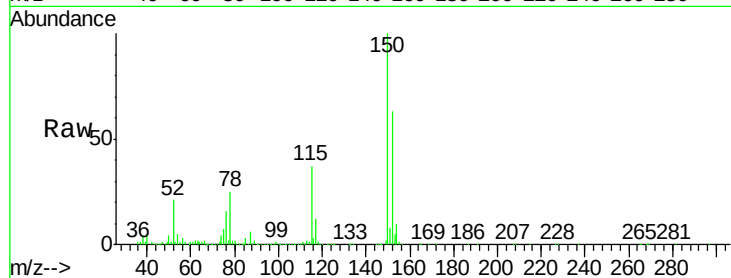
Tot Ion:152 Resp: 293968

Ion Ratio Lower Upper

152 100

115 59.1 40.6 121.7

150 159.7 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

