

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
 Data File : VX017659.D
 Acq On : 28 Jul 2020 17:35
 Operator : JC/SP
 Sample : L3390-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-200721RE

Quant Time: Jul 29 03:42:07 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

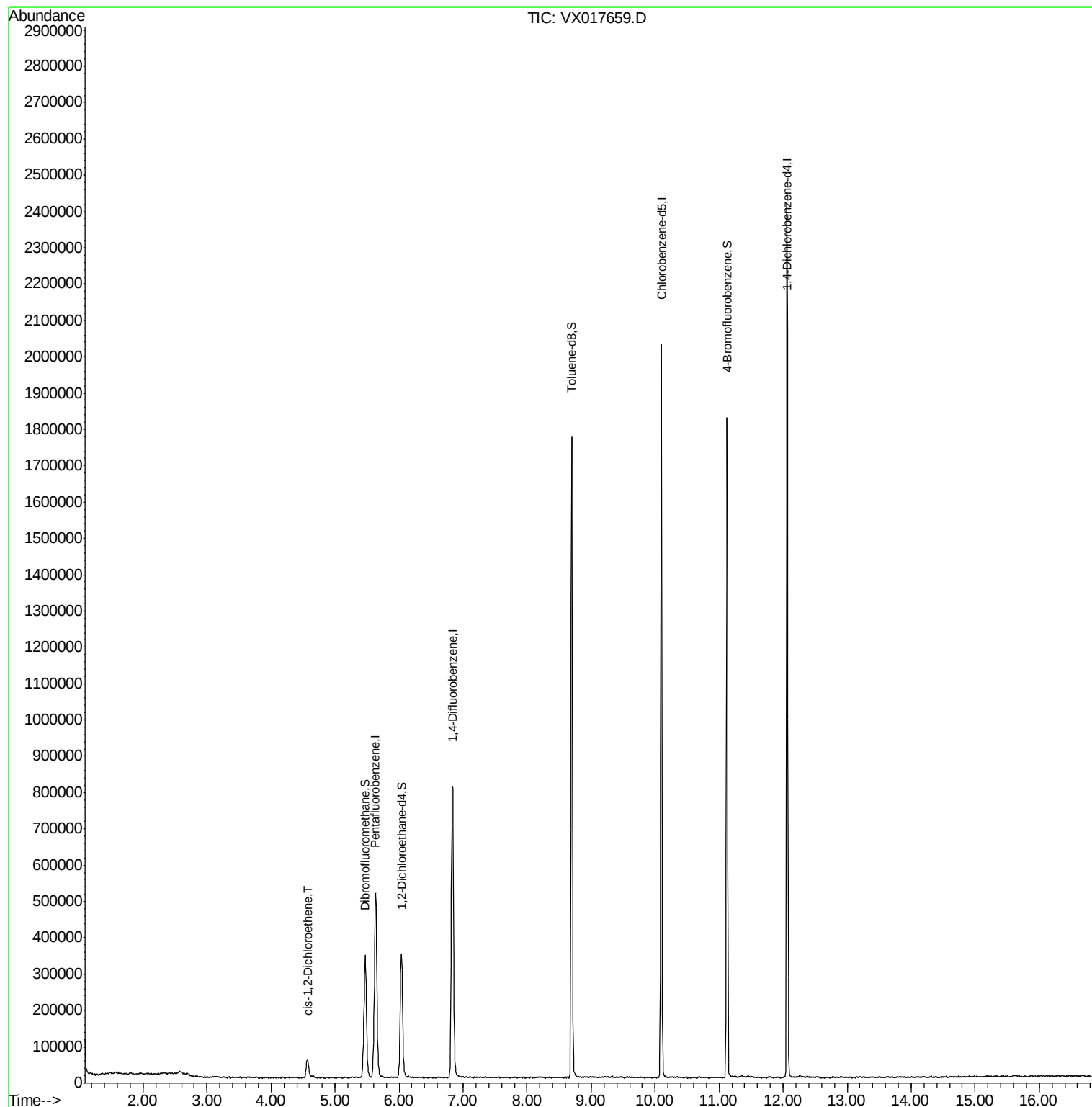
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	491773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	820982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	902319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	496587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	343586	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	5.46	113	288023	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
50) Toluene-d8	8.70	98	1031120	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.12	95	460047	58.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.56	96	32591	5.514	ug/l	Qvalue 87

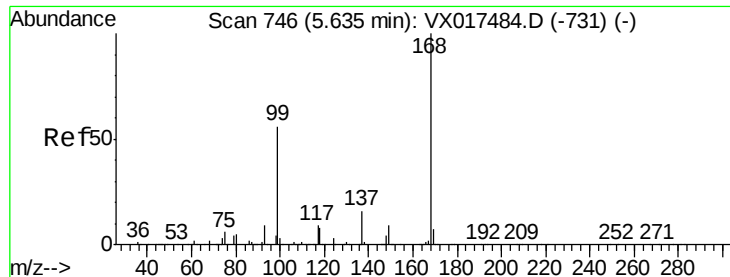
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

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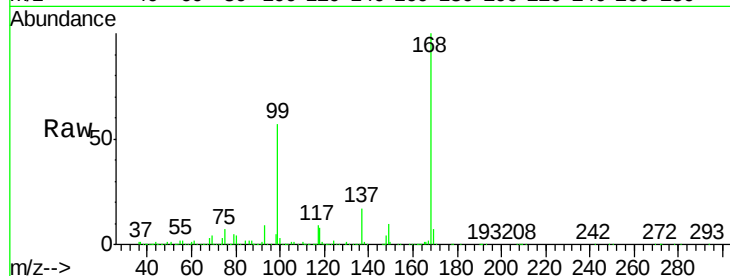
OUTFALL001-200721RE

Tgt Ion:168 Resp: 491773

Ion Ratio Lower Upper

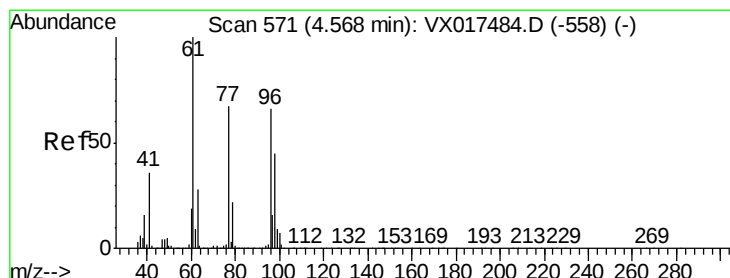
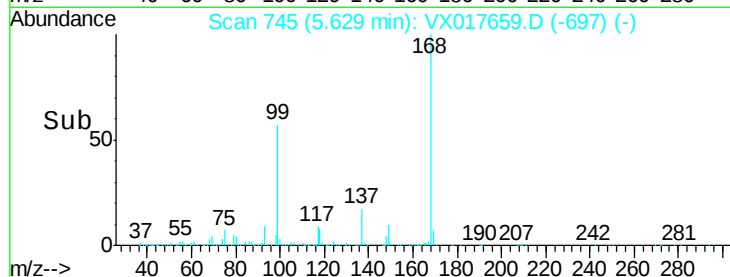
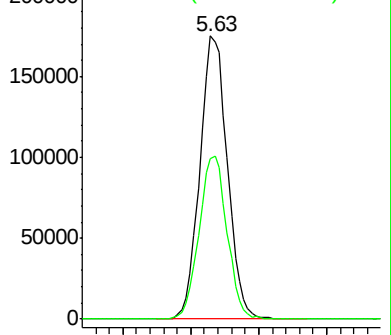
168 100

99 56.7 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 5.514 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017659.D

Acq: 28 Jul 2020 17:35

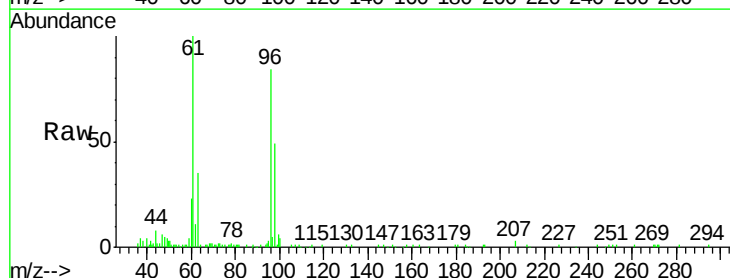
Tgt Ion: 96 Resp: 32591

Ion Ratio Lower Upper

96 100

61 126.9 0.0 301.2

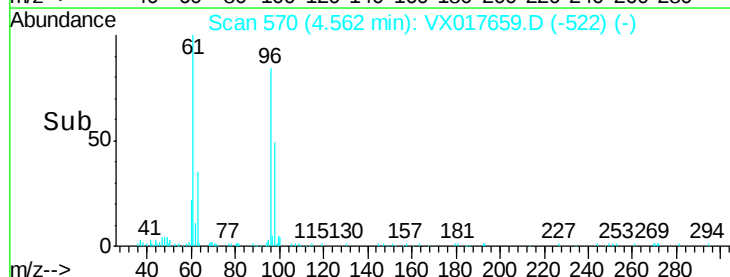
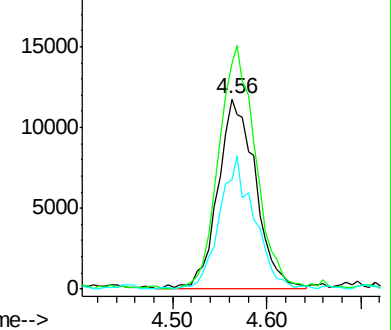
98 66.0 0.0 130.0

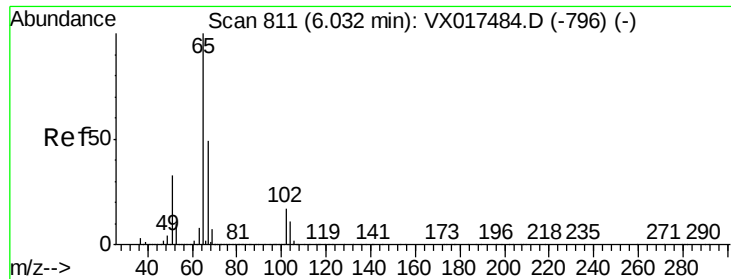


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.390 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017659.D

Acq: 28 Jul 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

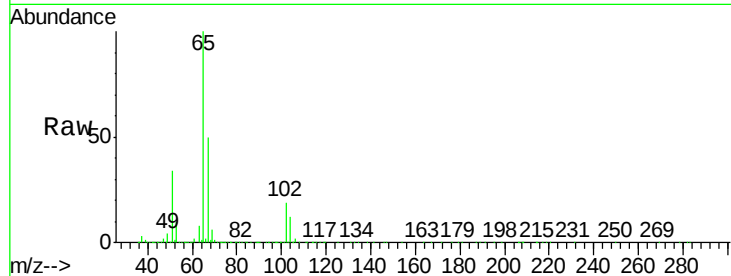
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Tgt Ion: 65 Resp: 343586

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

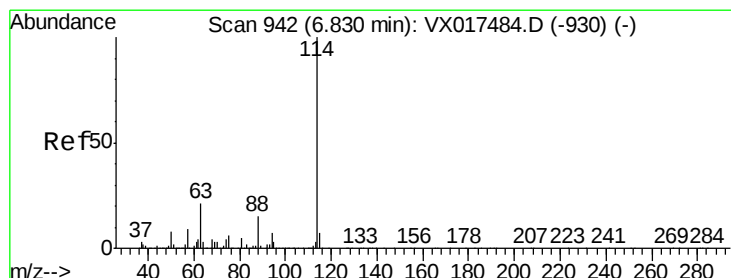
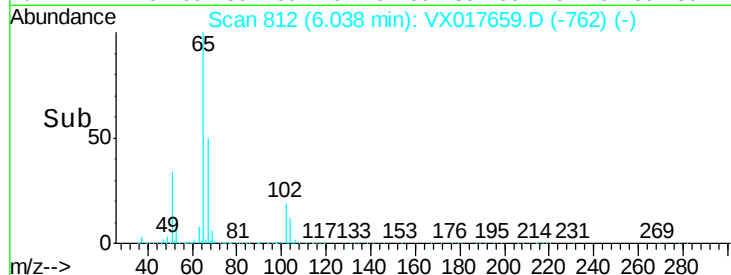
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017659.D

Acq: 28 Jul 2020 17:35

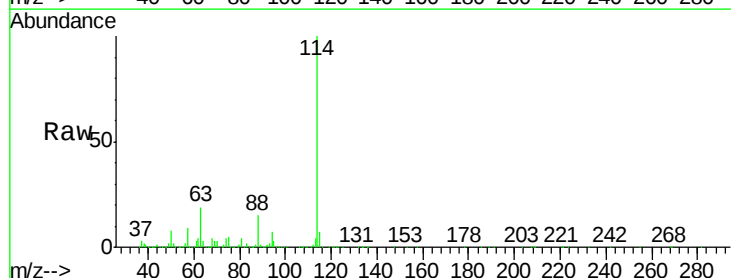
Tgt Ion: 114 Resp: 820982

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

88 15.2 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

6.84

400000

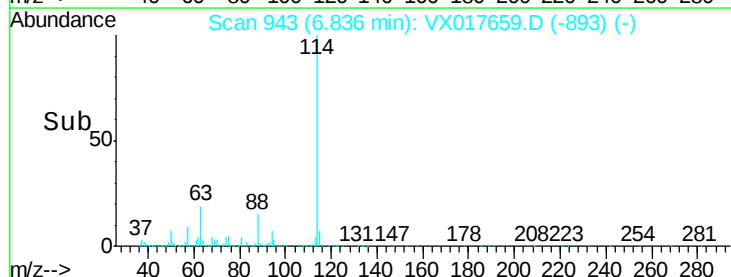
300000

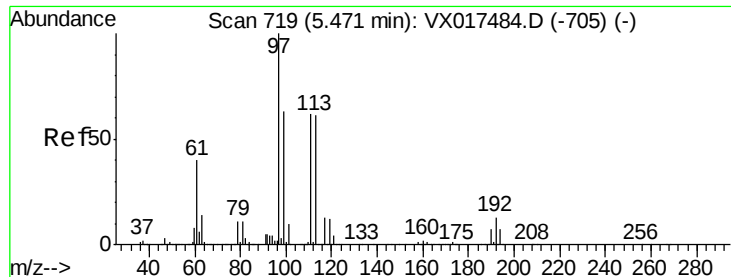
200000

100000

0

Time-->

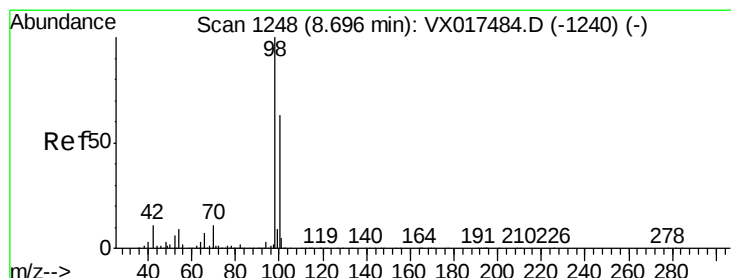
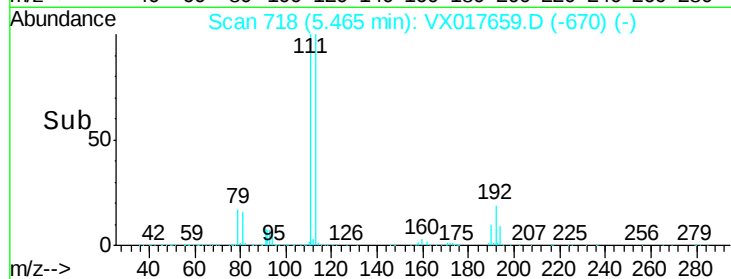
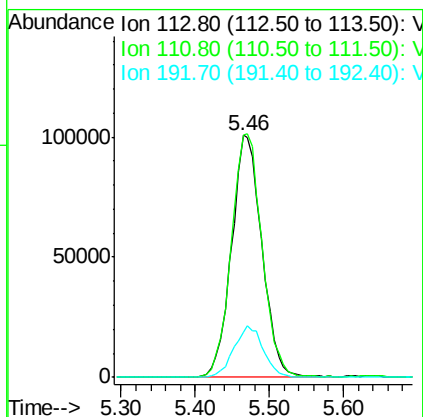
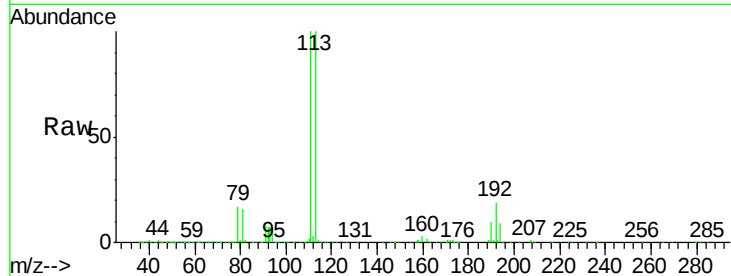




#35
Dibromofluoromethane
Concen: 52.456 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017659.D
Acq: 28 Jul 2020 17:35

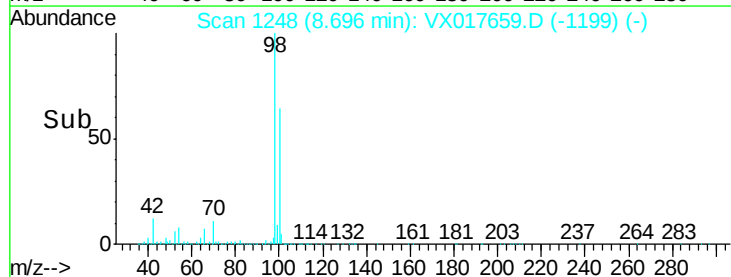
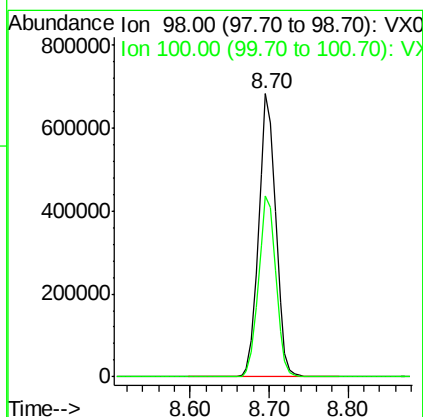
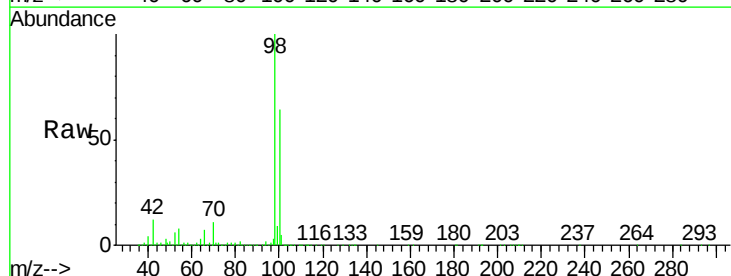
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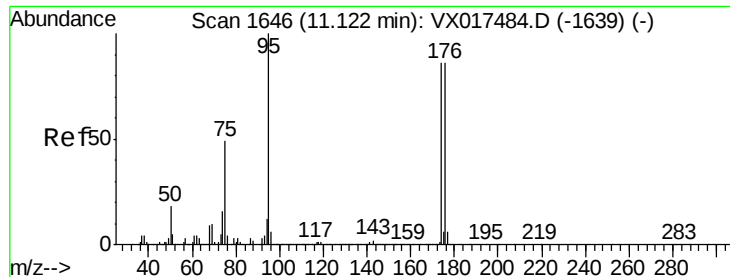
Tgt Ion:113 Resp: 288023
Ion Ratio Lower Upper
113 100
111 101.4 80.7 121.1
192 20.8 16.9 25.3



#50
Toluene-d8
Concen: 52.056 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017659.D
Acq: 28 Jul 2020 17:35

Tgt Ion: 98 Resp: 1031120
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 58.034 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017659.D

Acq: 28 Jul 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200721RE

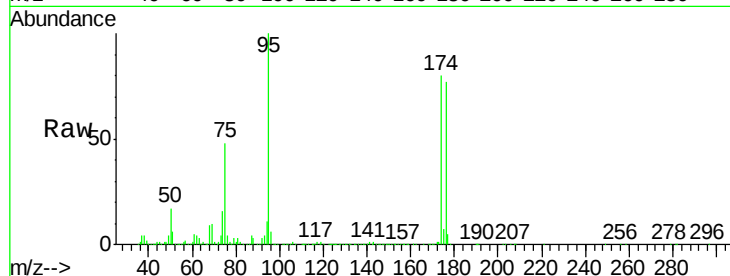
Tgt Ion: 95 Resp: 460047

Ion Ratio Lower Upper

95 100

174 82.7 0.0 169.0

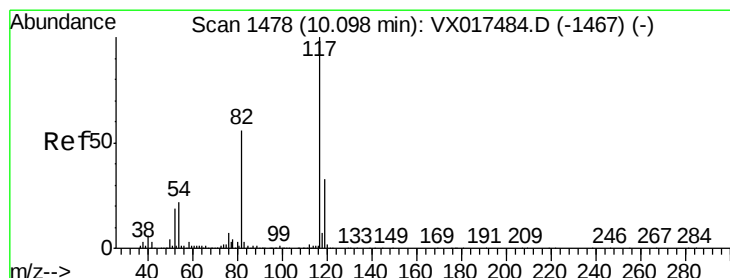
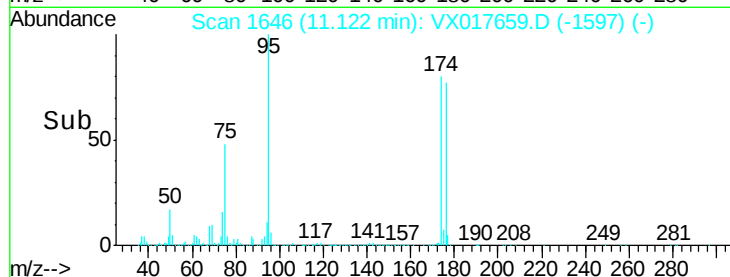
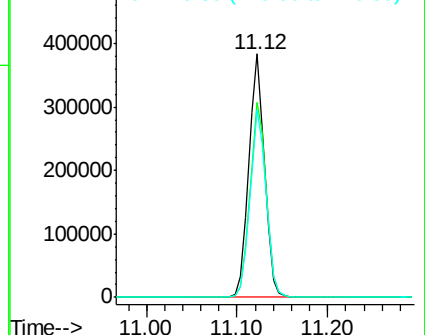
176 78.5 0.0 161.0



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: VX017659.D

Acq: 28 Jul 2020 17:35

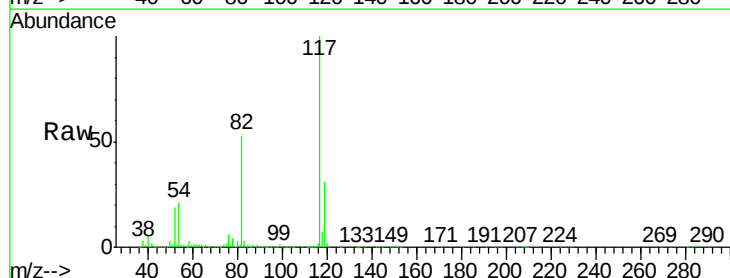
Tgt Ion: 117 Resp: 902319

Ion Ratio Lower Upper

117 100

82 53.3 44.0 66.0

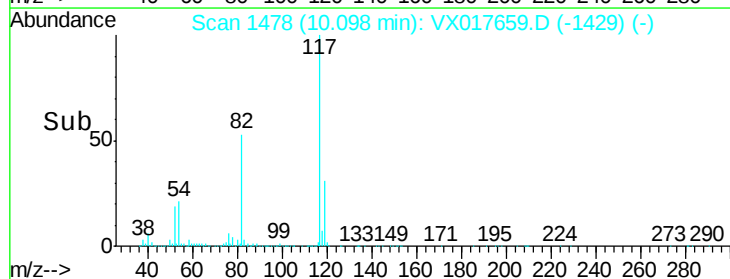
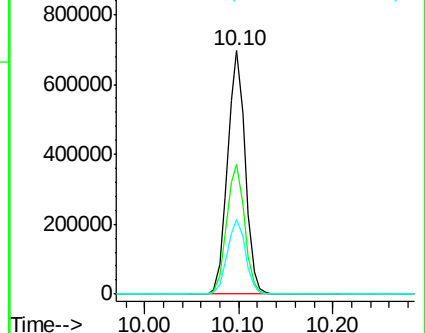
119 30.5 25.4 38.0

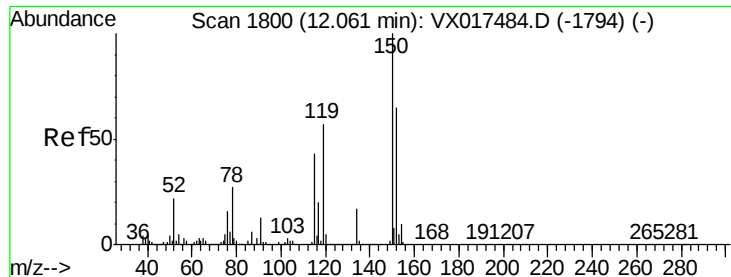


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX017659.D

Acq: 28 Jul 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-200721RE

Tgt Ion:152 Resp: 496587

Ion Ratio Lower Upper

152 100

115 57.7 65.5 196.6#

150 155.2 0.0 412.6

