

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014571.D
 Acq On : 11 Jan 2020 05:32
 Operator : JC/SP
 Sample : L1060-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jan 11 06:06:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

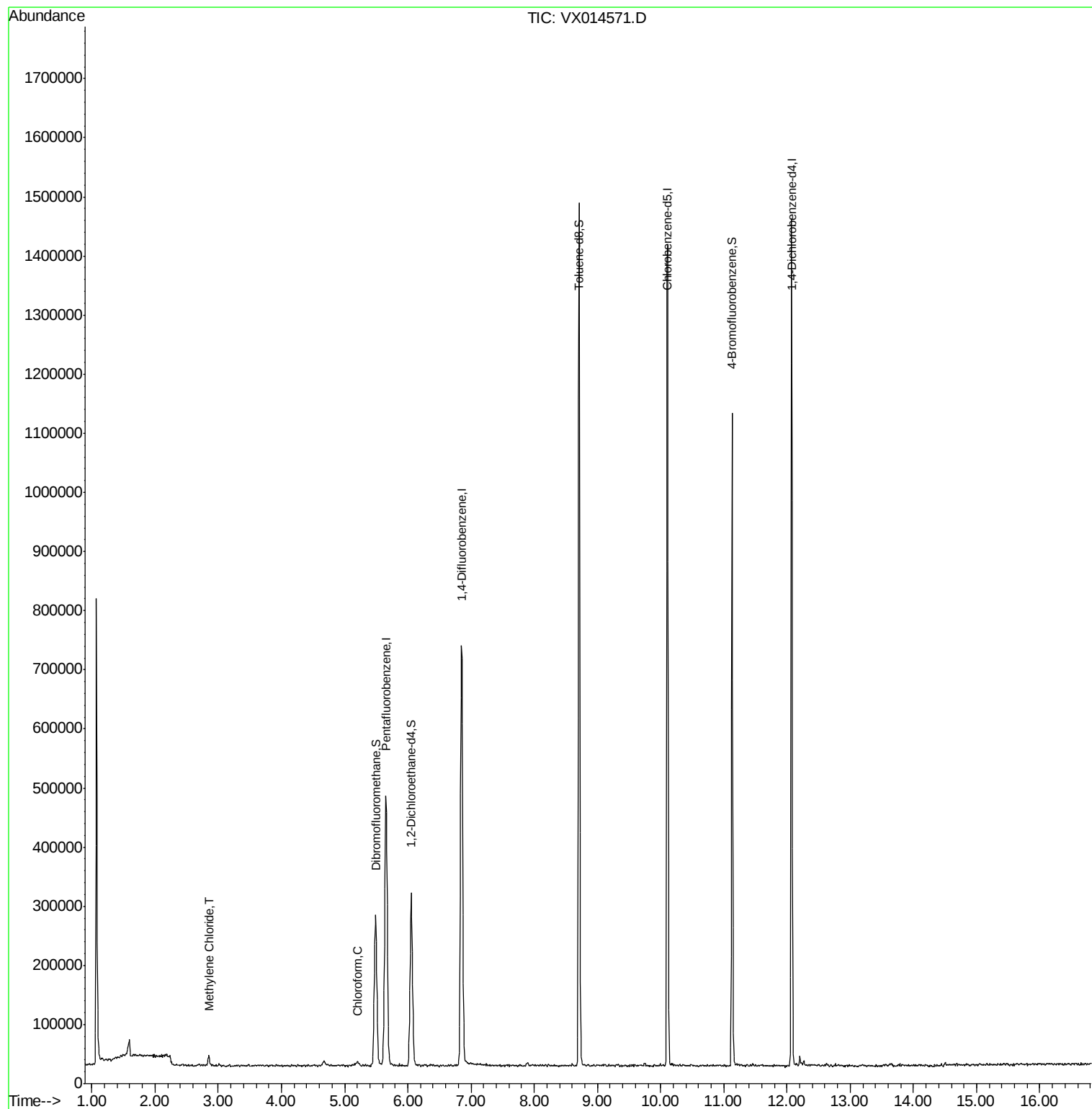
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	483361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	741292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	667488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	298797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	269526	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.49	113	220533	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	879479	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	291968	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
Target Compounds						
20) Methylene Chloride	2.85	84	9236	1.701	ug/l	93
30) Chloroform	5.20	83	8671	1.007	ug/l	94

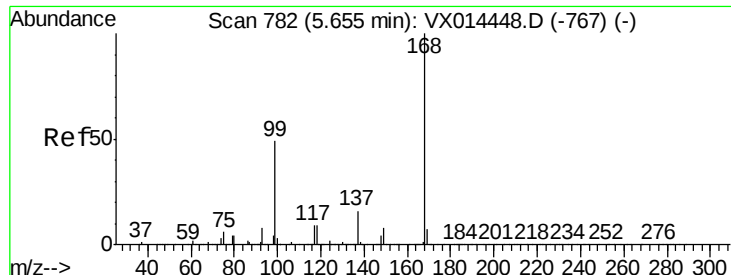
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

Instrument :

MSVOA_X

ClientSampleId :

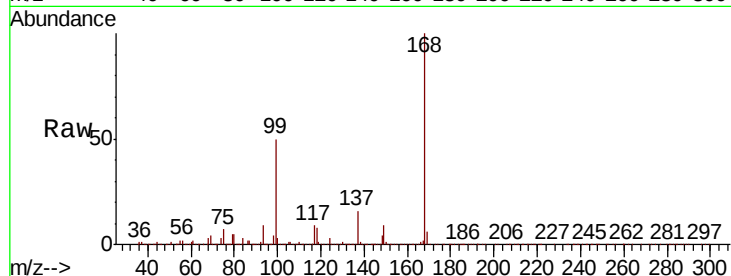
TP-1

Tot Ion:168 Resp: 483361

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

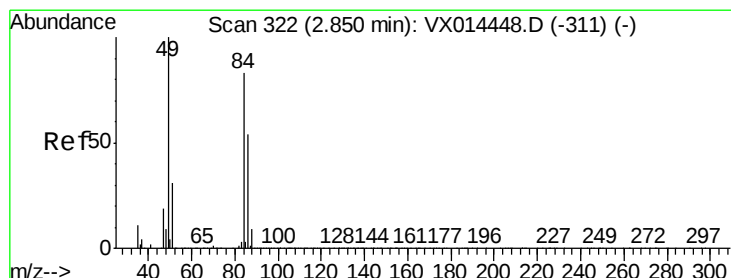
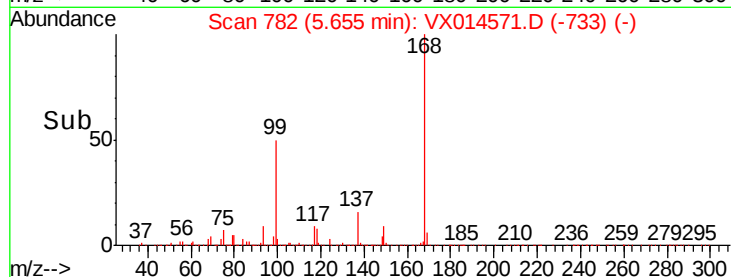
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.701 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

Tgt Ion: 84 Resp: 9236

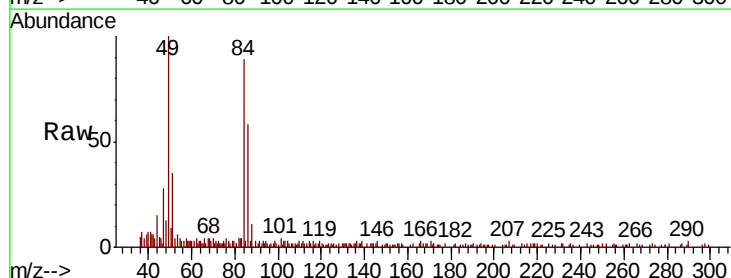
Ion Ratio Lower Upper

84 100

49 109.0 95.8 143.8

51 34.2 30.2 45.4

86 64.0 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

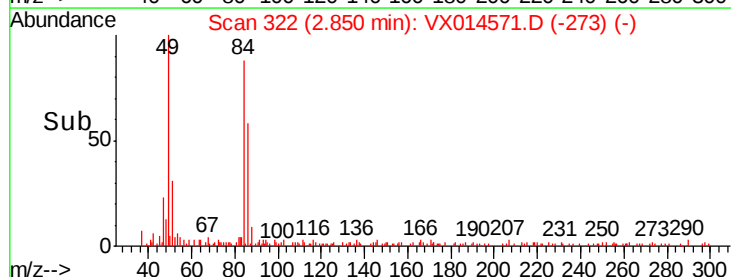
6000

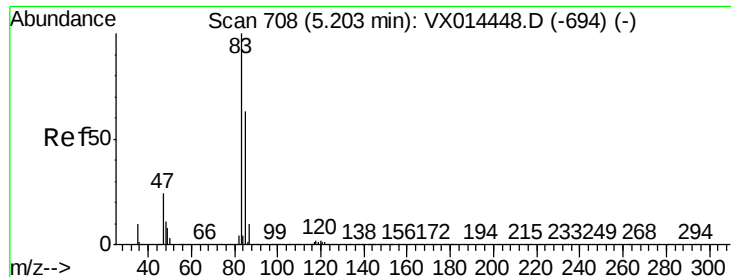
4000

2000

0

Time--> 2.75 2.80 2.85 2.90

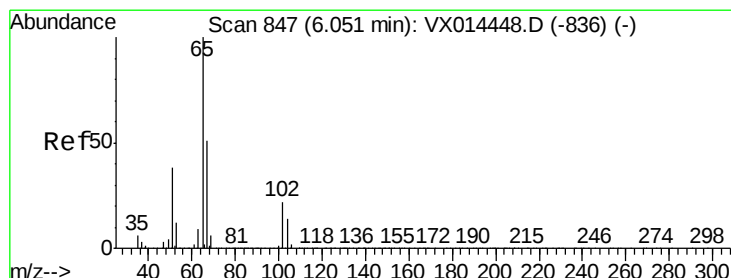
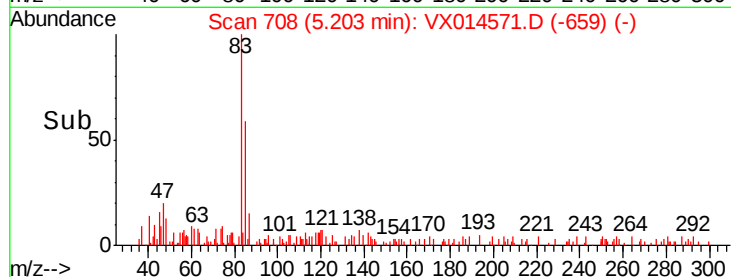
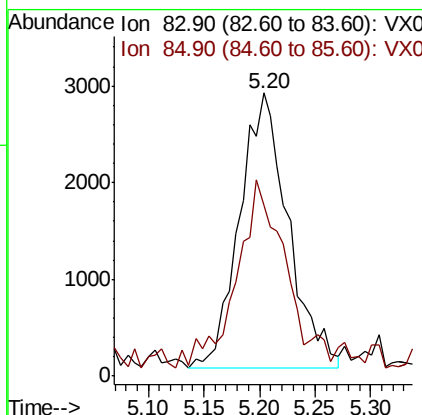
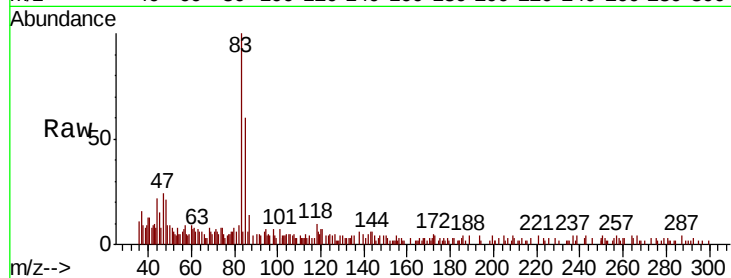




#30
Chloroform
Concen: 1.007 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX014571.D
Acq: 11 Jan 2020 05:32

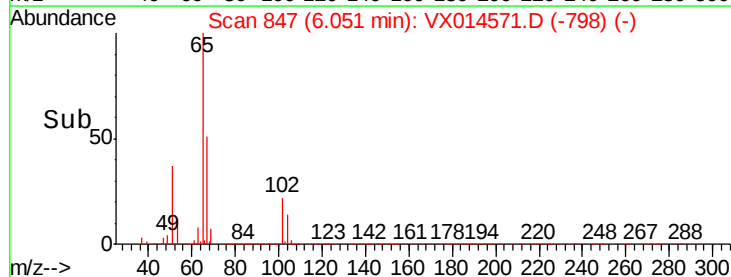
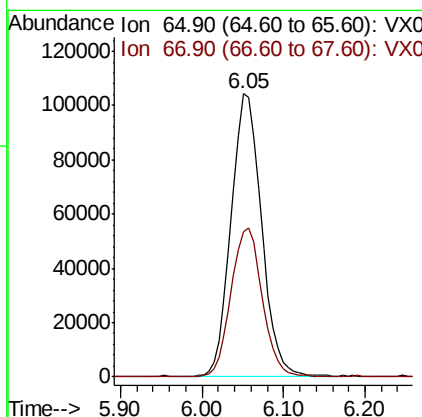
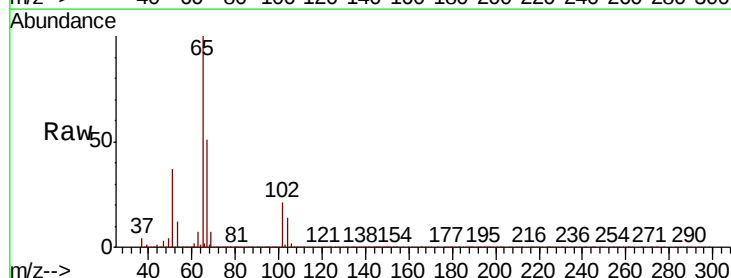
Instrument :
MSVOA_X
ClientSampleId :
TP-1

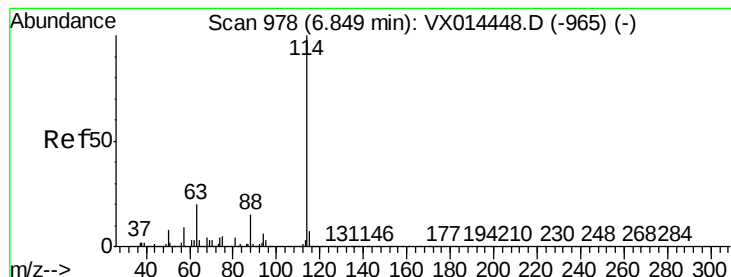
Tot Ion: 83 Resp: 8671
Ion Ratio Lower Upper
83 100
85 58.2 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 49.950 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014571.D
Acq: 11 Jan 2020 05:32

Tgt Ion: 65 Resp: 269526
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

Instrument :

MSVOA_X

ClientSampleId :

TP-1

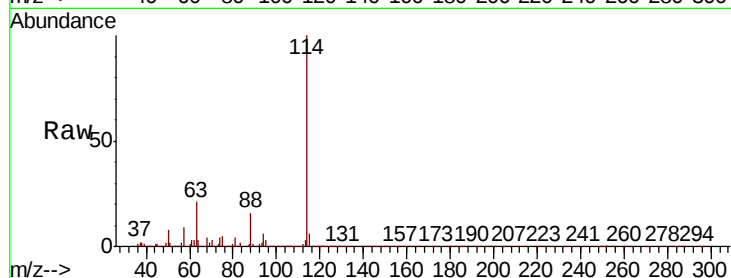
Tot Ion:114 Resp: 741292

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.6

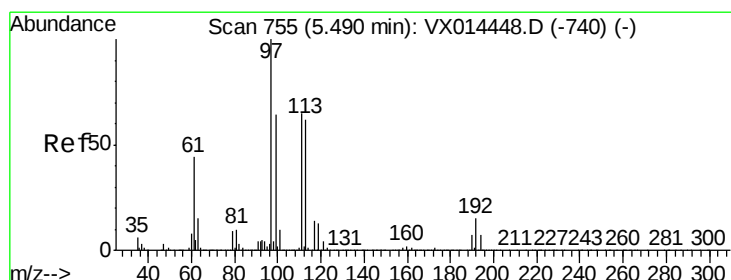
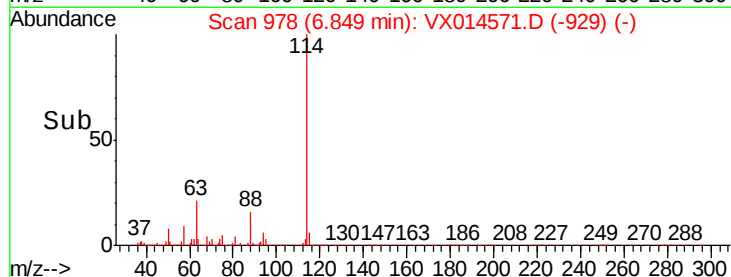
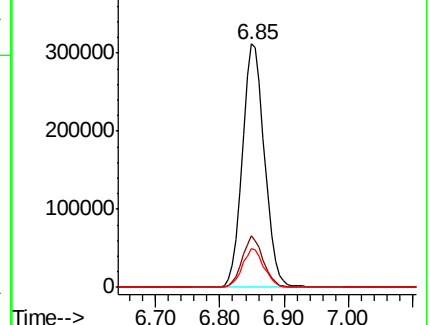
88 15.6 0.0 30.8



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: 49.145 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

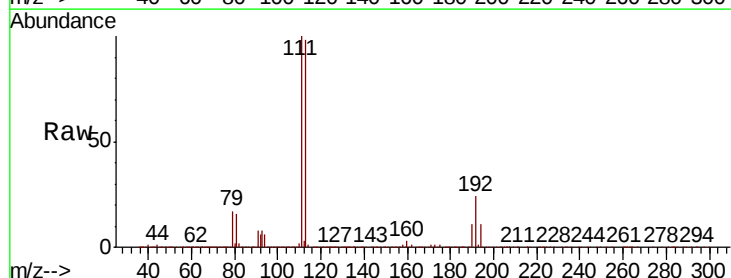
Tgt Ion:113 Resp: 220533

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

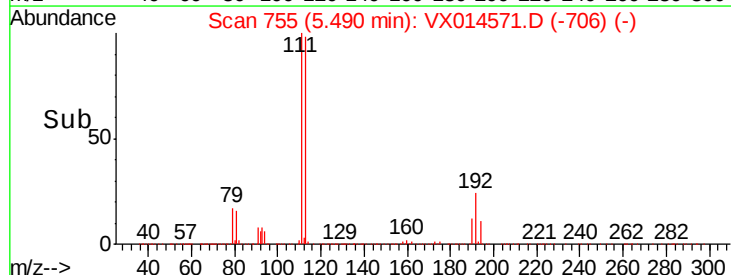
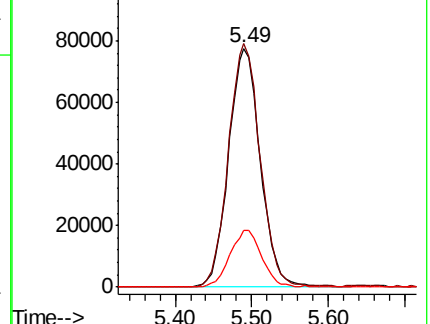
192 24.2 19.2 28.8

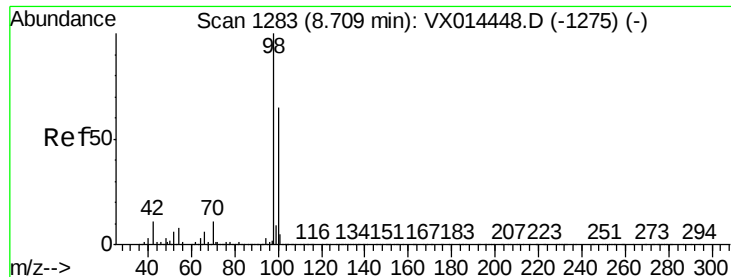


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.504 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

Instrument :

MSVOA_X

ClientSampleId :

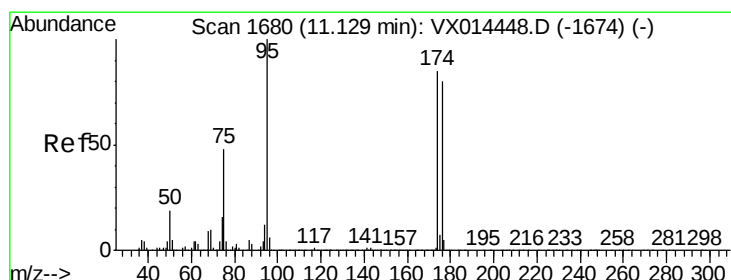
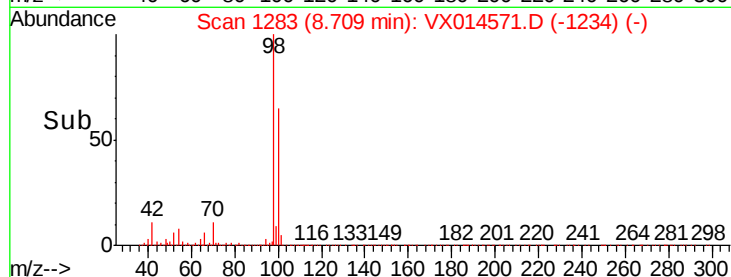
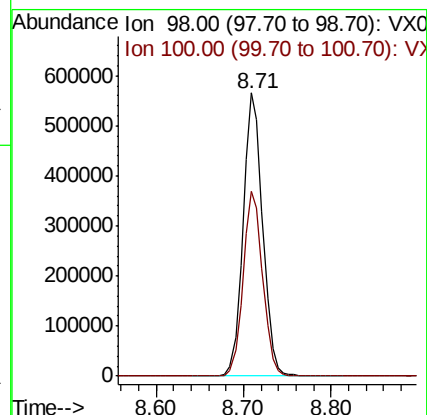
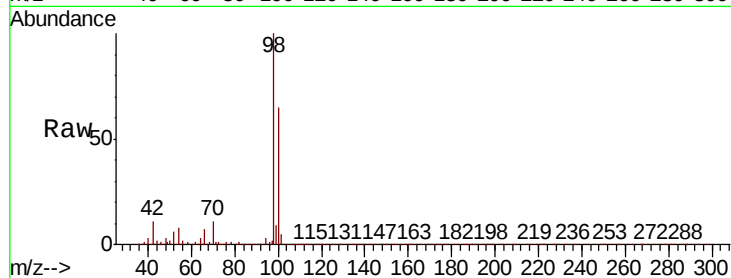
TP-1

Tot Ion: 98 Resp: 879479

Ion Ratio Lower Upper

98 100

100 65.2 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 45.671 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

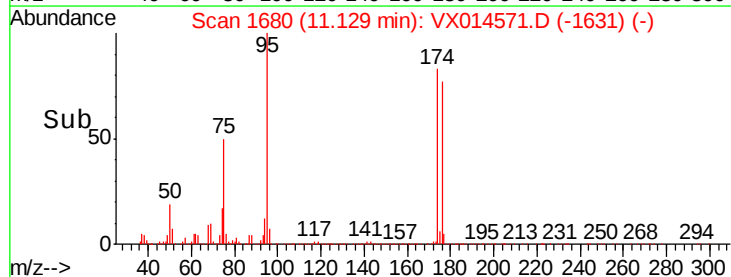
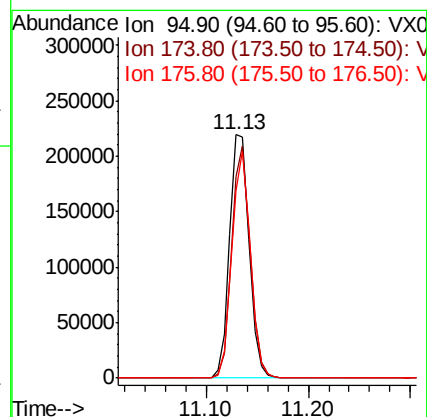
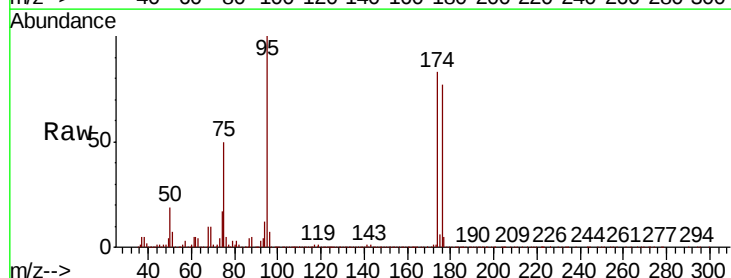
Tgt Ion: 95 Resp: 291968

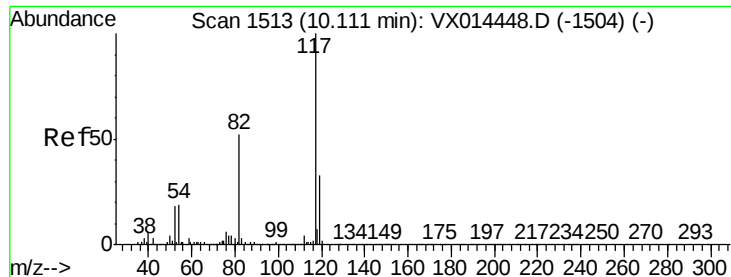
Ion Ratio Lower Upper

95 100

174 89.5 0.0 180.8

176 87.7 0.0 172.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

Instrument :

MSVOA_X

ClientSampleId :

TP-1

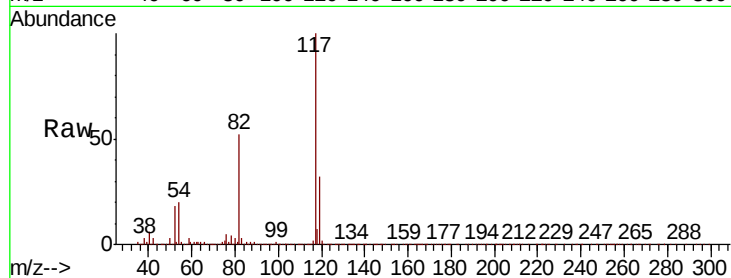
Tot Ion:117 Resp: 667488

Ion Ratio Lower Upper

117 100

82 51.7 41.8 62.6

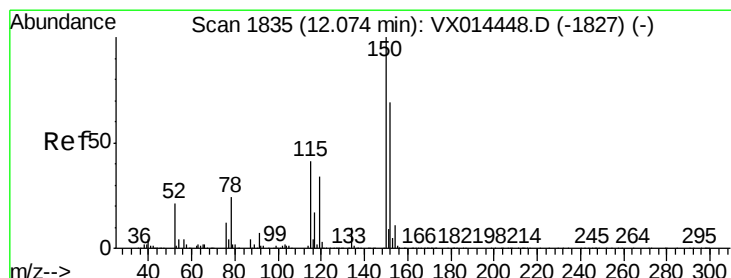
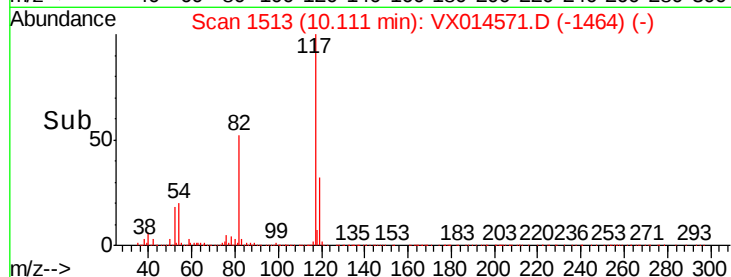
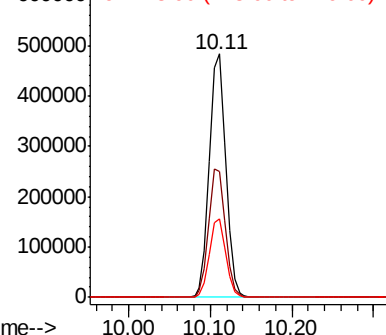
119 32.4 26.2 39.4



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014571.D

Acq: 11 Jan 2020 05:32

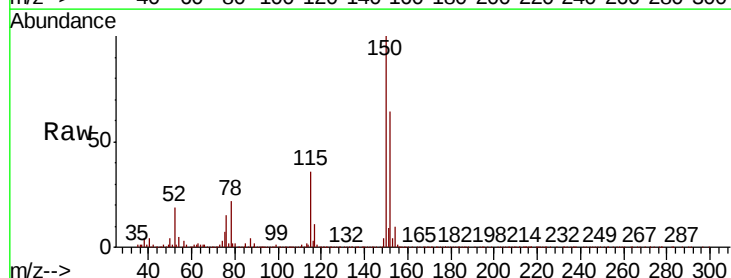
Tgt Ion:152 Resp: 298797

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 158.3 0.0 350.2



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

