

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010599.D
 Acq On : 01 Jul 2019 18:28
 Operator : JC/SP
 Sample : K3605-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-TRIP-BLANK

Quant Time: Jul 02 07:14:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	344575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159564	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119624	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	5.50	113	115309	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	451871	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	151421	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	

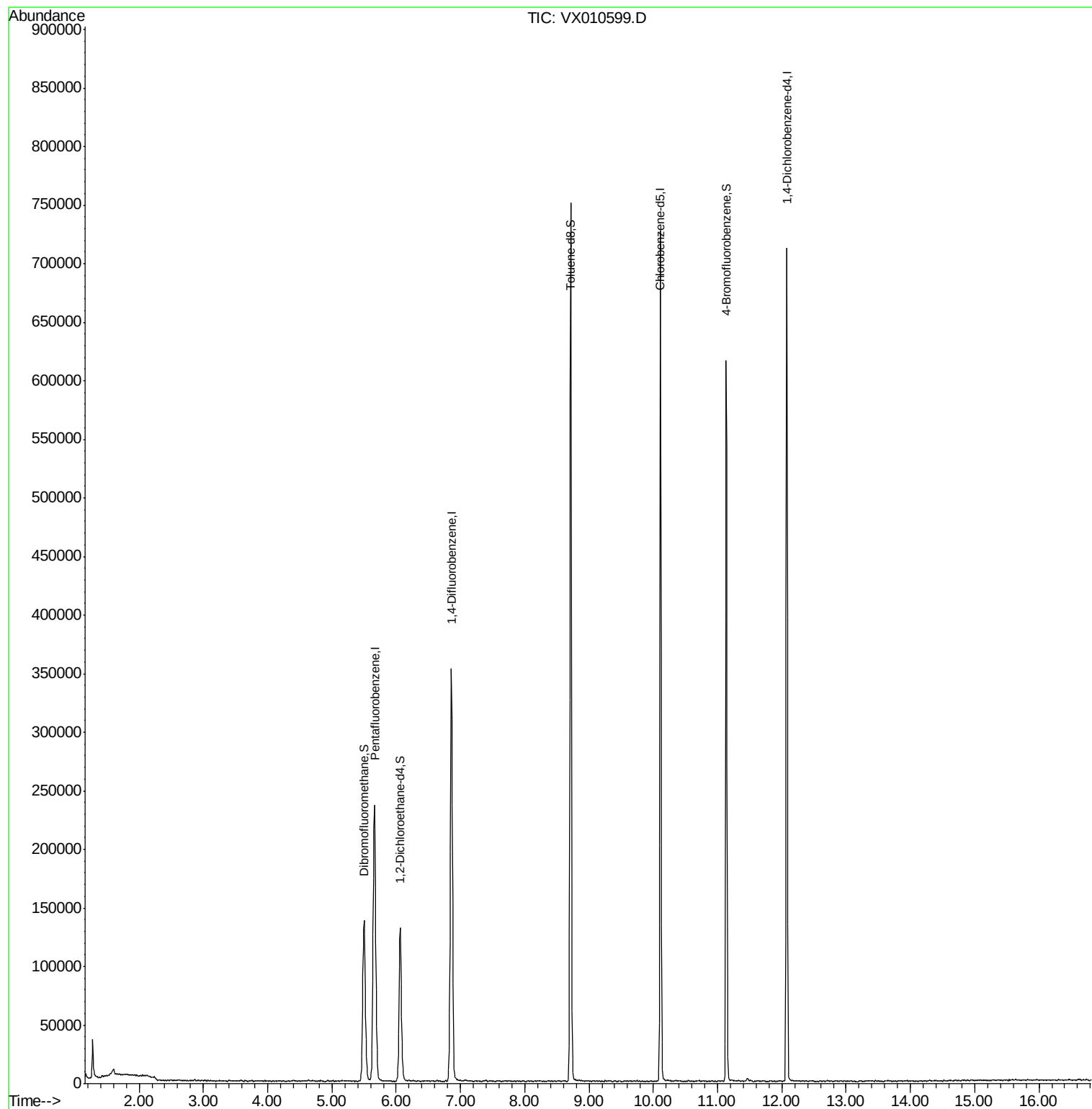
Target Compounds	Qvalue
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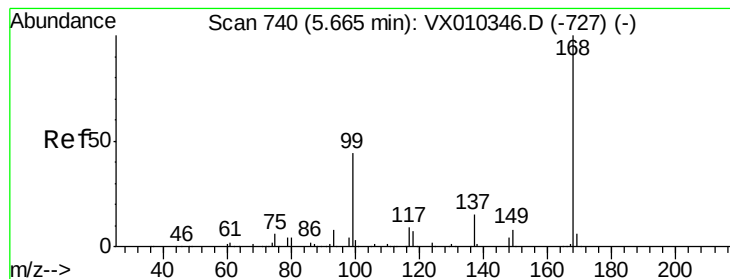
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010599.D

Acq: 01 Jul 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

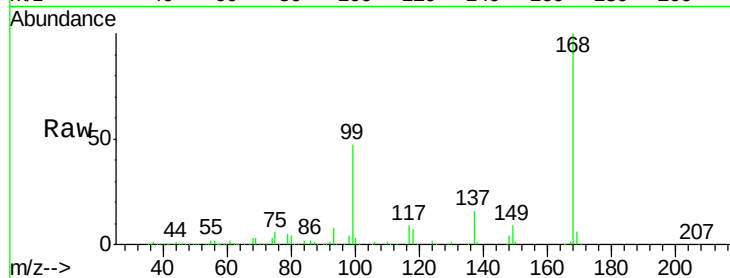
QNWP8-TRIP-BLANK

Tot Ion:168 Resp: 249060

Ion Ratio Lower Upper

168 100

99 47.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

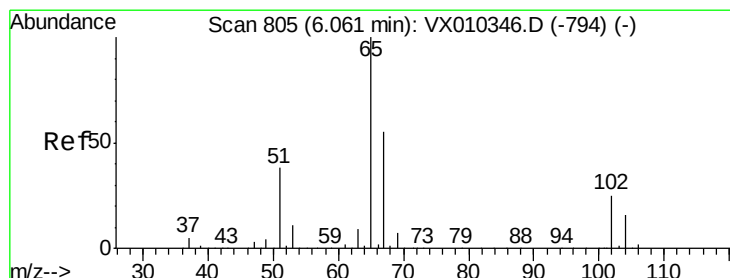
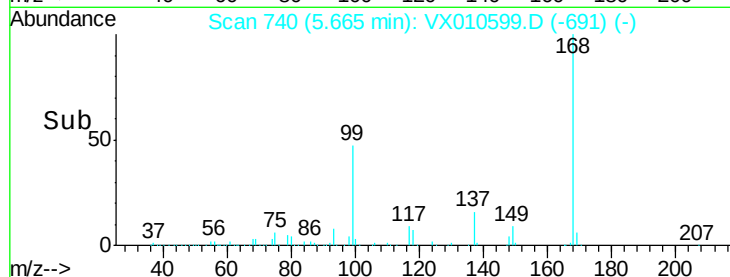
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.227 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010599.D

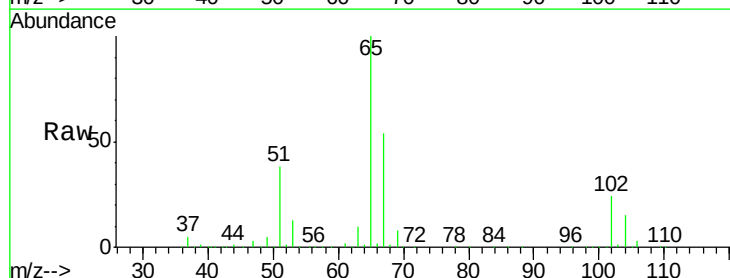
Acq: 01 Jul 2019 18:28

Tgt Ion: 65 Resp: 119624

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

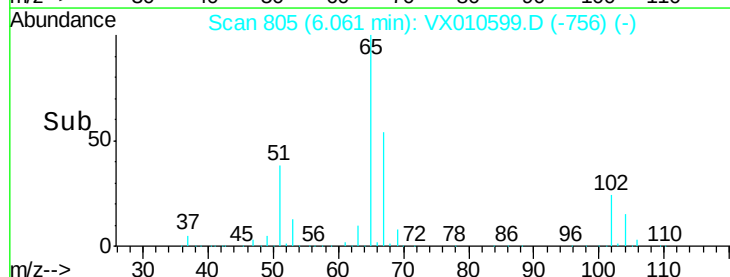
30000

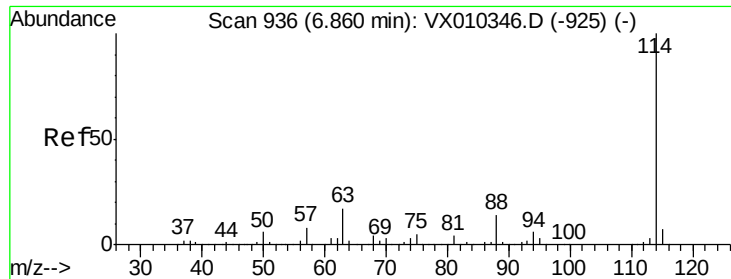
20000

10000

0

Time--> 6.00 6.10 6.20

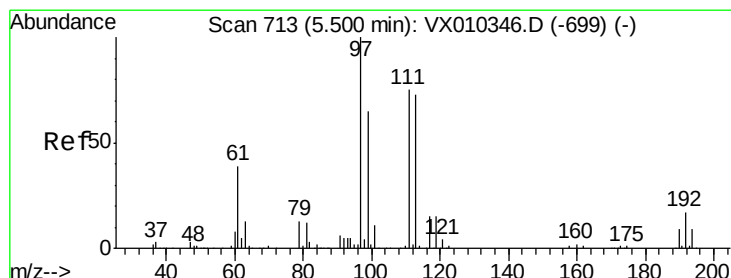
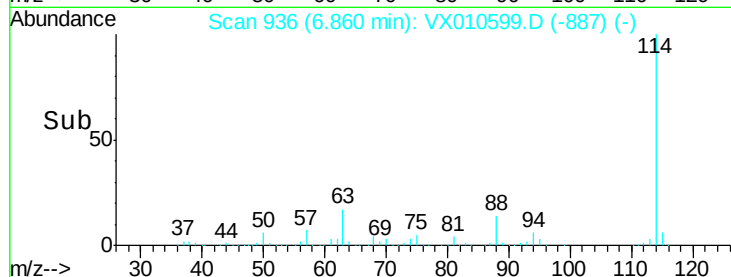
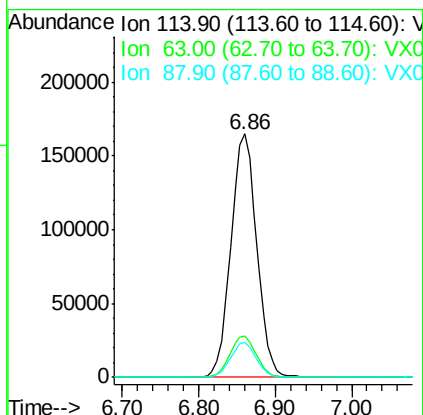
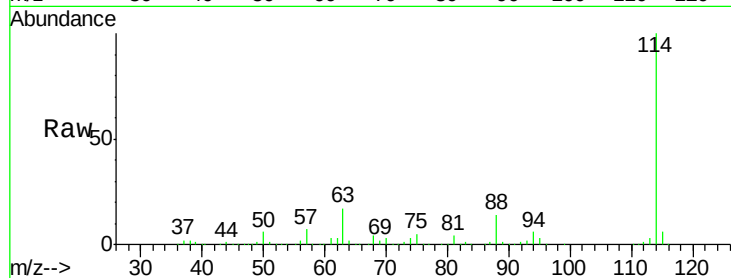




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010599.D
Acq: 01 Jul 2019 18:28

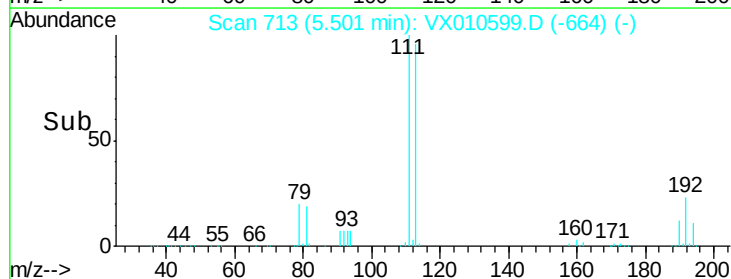
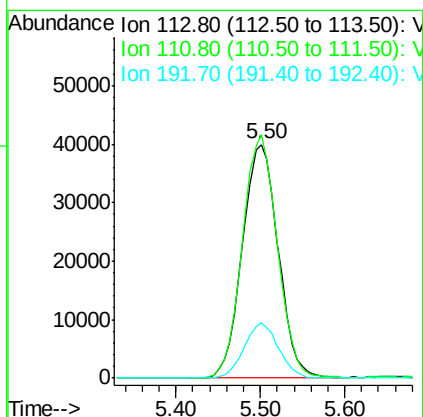
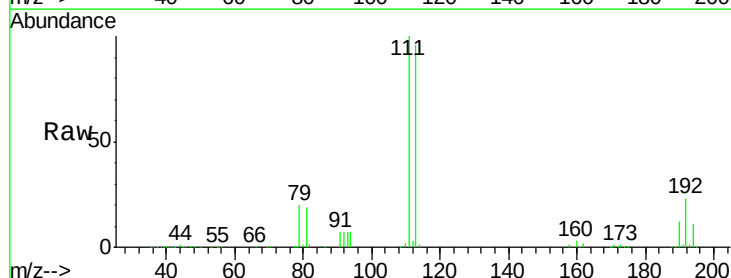
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-TRIP-BLANK

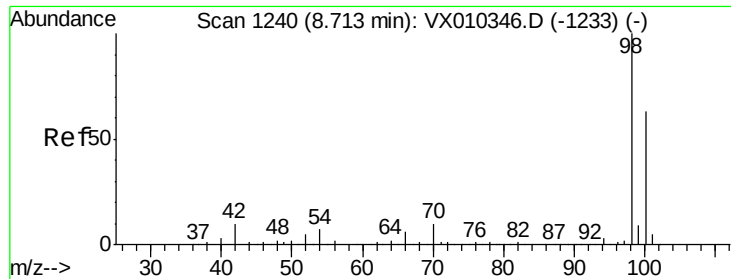
Tot Ion:114 Resp: 385250
Ion Ratio Lower Upper
114 100
63 17.0 0.0 33.8
88 14.2 0.0 27.6



#35
Dibromofluoromethane
Concen: 48.920 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010599.D
Acq: 01 Jul 2019 18:28

Tgt Ion:113 Resp: 115309
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 22.7 18.6 27.8





#50

Toluene-d8

Concen: 50.109 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010599.D

Acq: 01 Jul 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

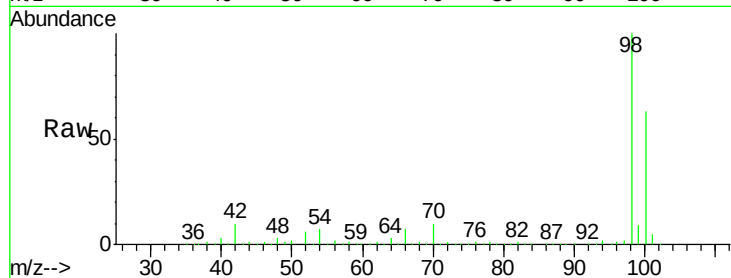
QNWP8-TRIP-BLANK

Tot Ion: 98 Resp: 451871

Ion Ratio Lower Upper

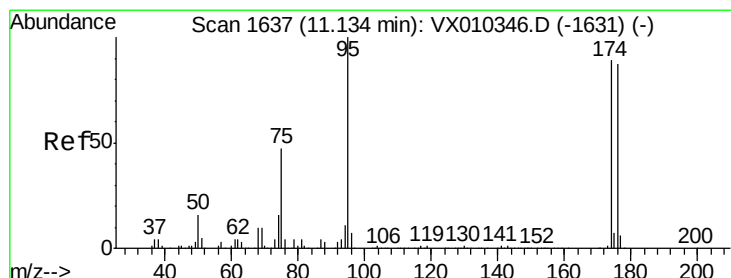
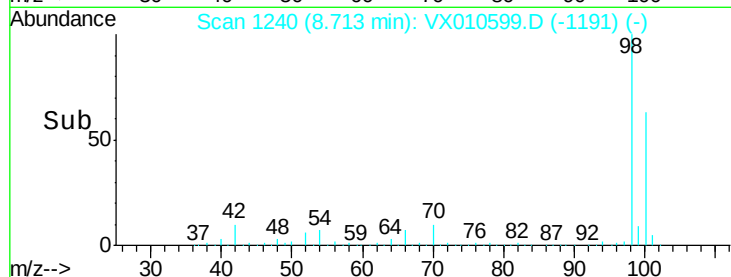
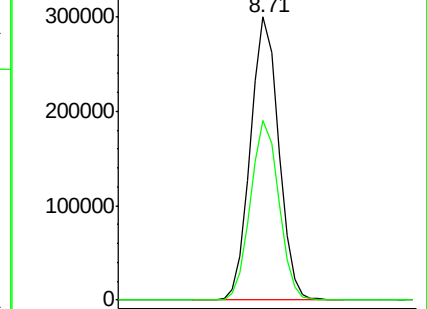
98 100

100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.510 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010599.D

Acq: 01 Jul 2019 18:28

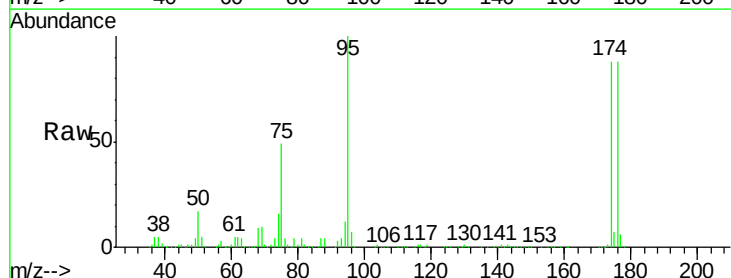
Tgt Ion: 95 Resp: 151421

Ion Ratio Lower Upper

95 100

174 94.5 0.0 187.6

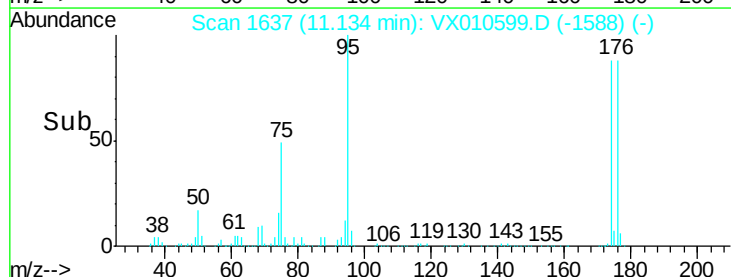
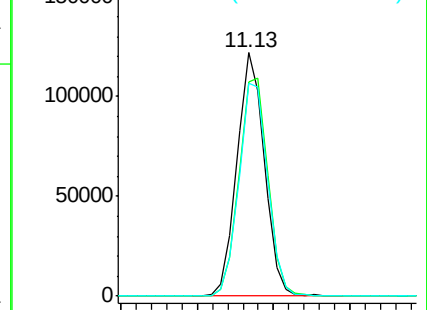
176 91.8 0.0 184.0

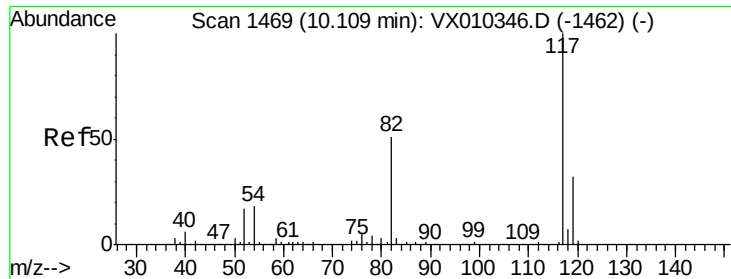


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010599.D

Acq: 01 Jul 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-TRIP-BLANK

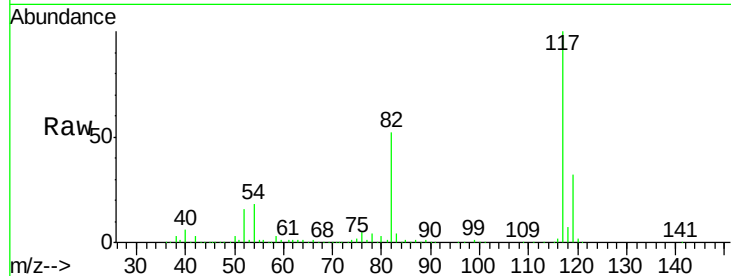
Tot Ion:117 Resp: 344575

Ion Ratio Lower Upper

117 100

82 51.7 41.2 61.8

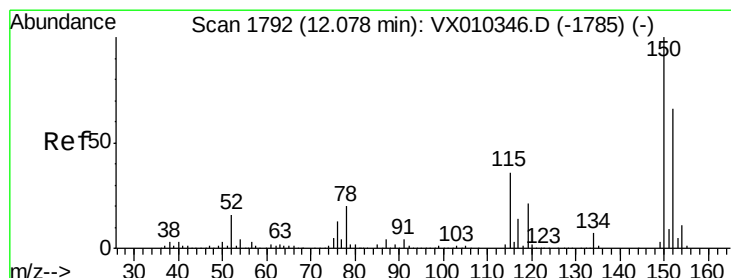
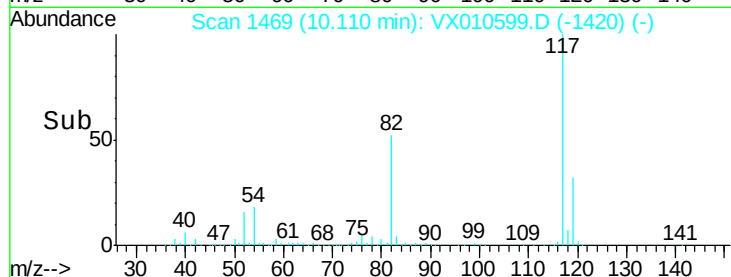
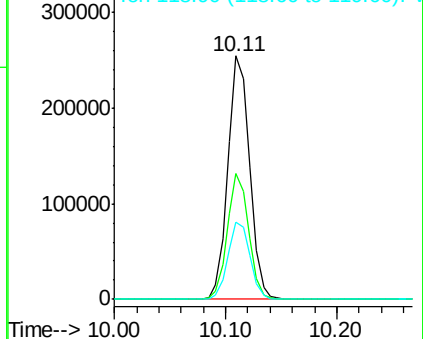
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010599.D

Acq: 01 Jul 2019 18:28

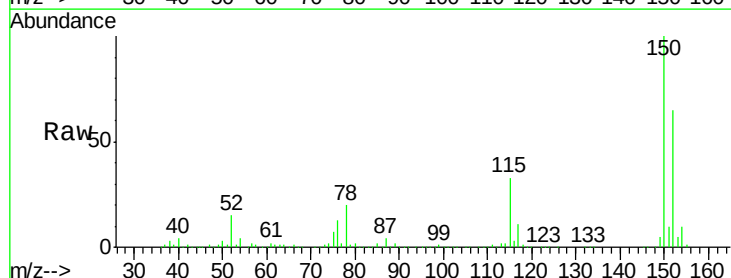
Tgt Ion:152 Resp: 159564

Ion Ratio Lower Upper

152 100

115 53.8 38.6 115.7

150 157.8 0.0 347.4



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

