

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016693.D
 Acq On : 11 Jun 2020 10:54
 Operator : JC/SP
 Sample : VX0611WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBL01

Quant Time: Jun 12 07:04:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	212890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	333866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	325054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	146176	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	123918	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	5.46	113	104789	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.70	98	407882	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	152011	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

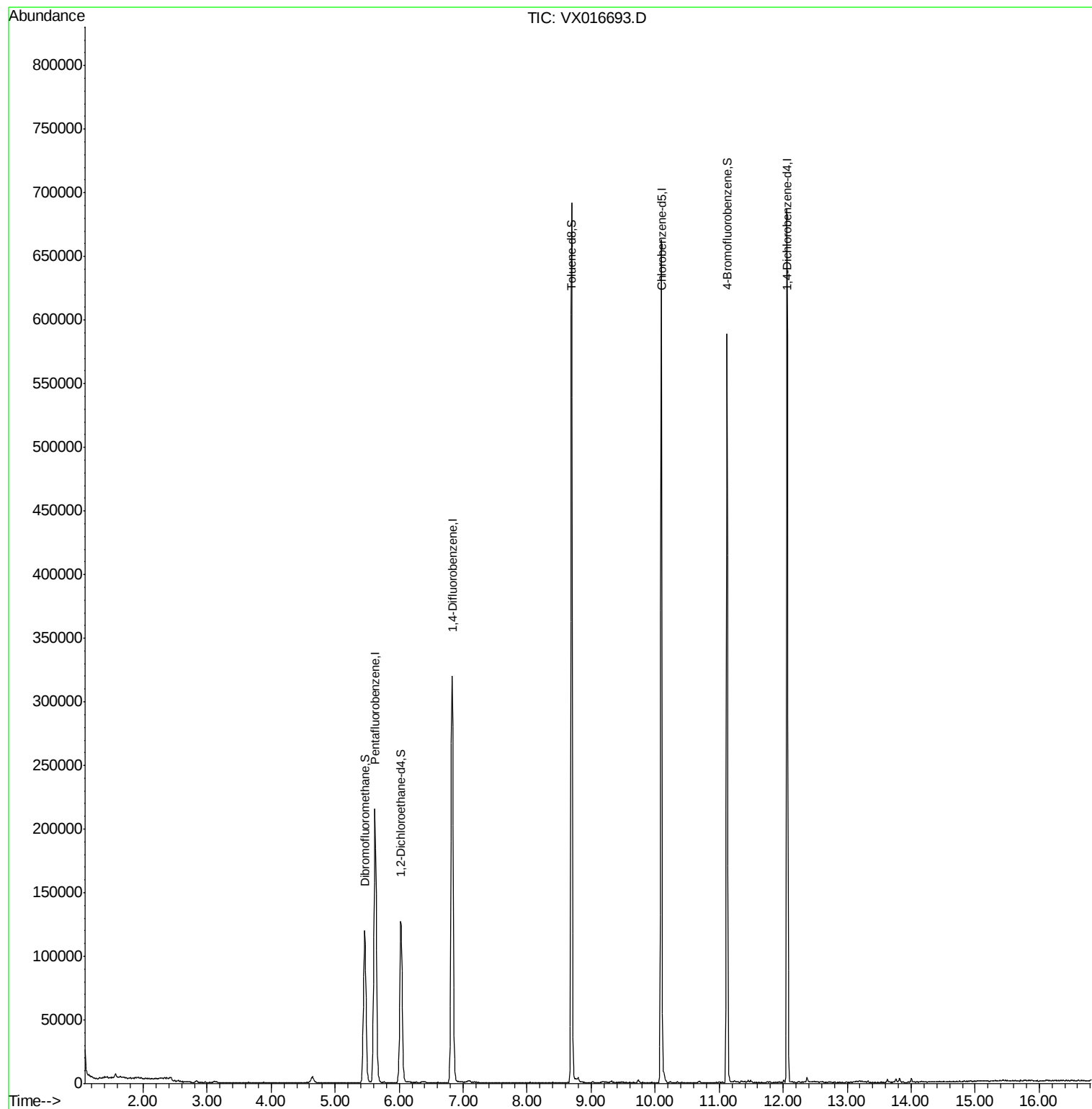
Target Compounds	Qvalue
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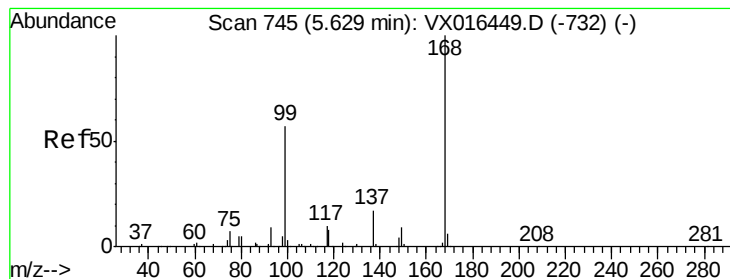
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016693.D

Acq: 11 Jun 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

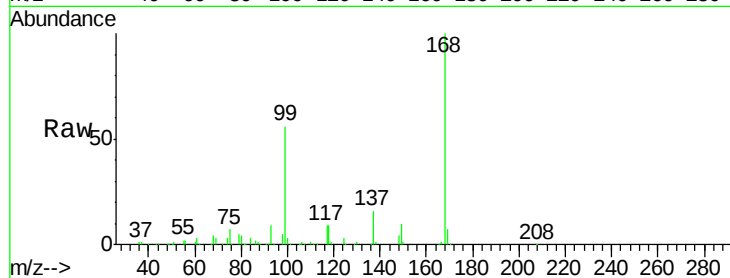
VX0611WBL01

Tot Ion:168 Resp: 212890

Ion Ratio Lower Upper

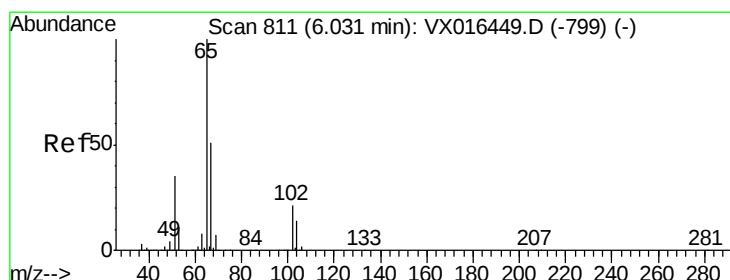
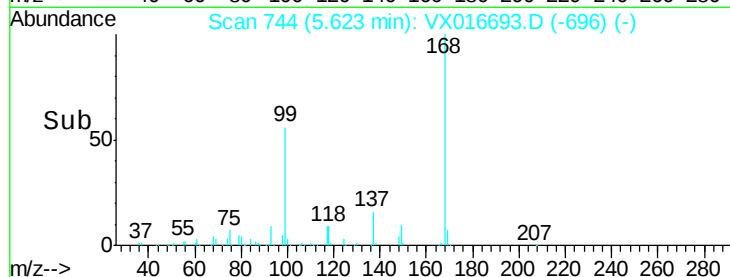
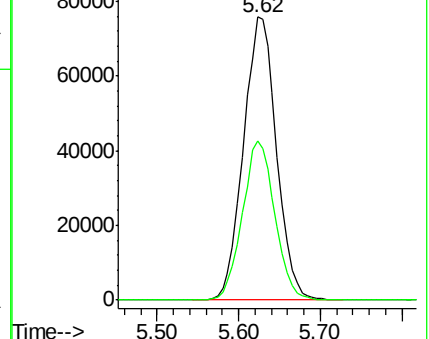
168 100

99 56.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.871 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016693.D

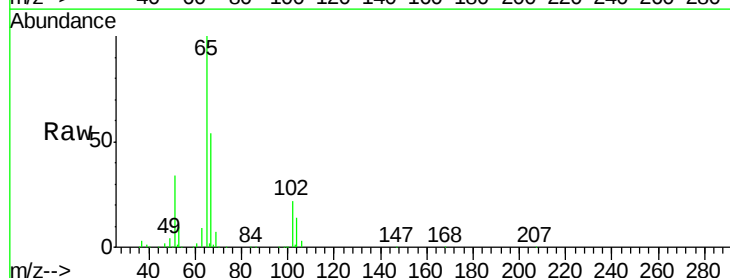
Acq: 11 Jun 2020 10:54

Tgt Ion: 65 Resp: 123918

Ion Ratio Lower Upper

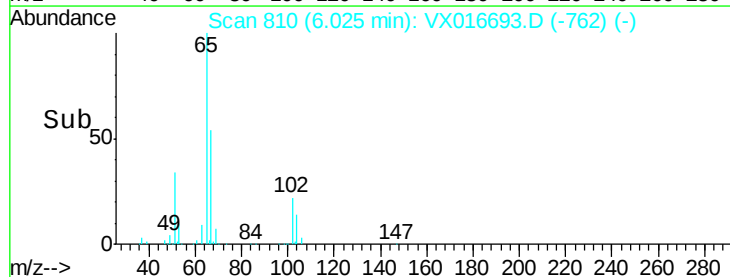
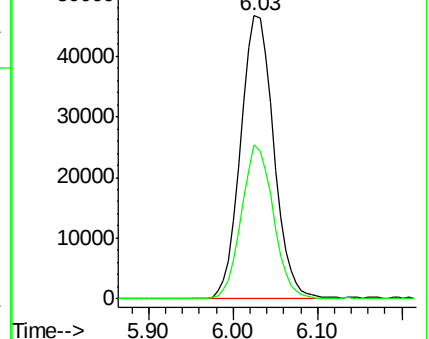
65 100

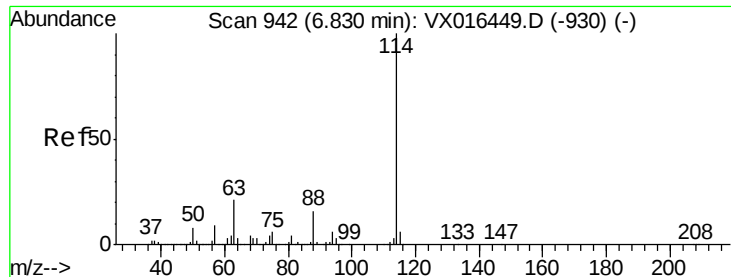
67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016693.D

Acq: 11 Jun 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBL01

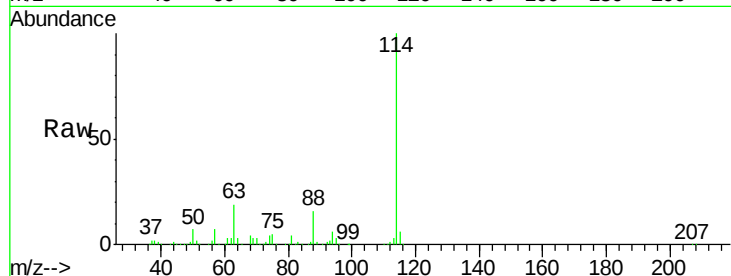
Tot Ion:114 Resp: 333866

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

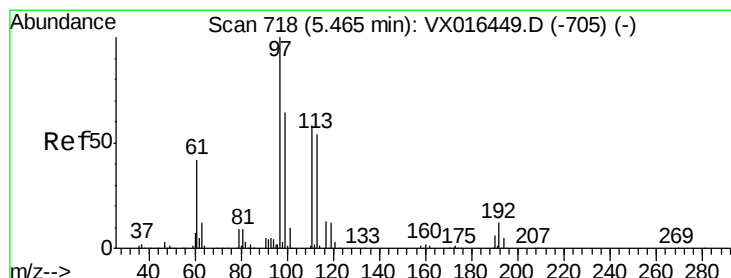
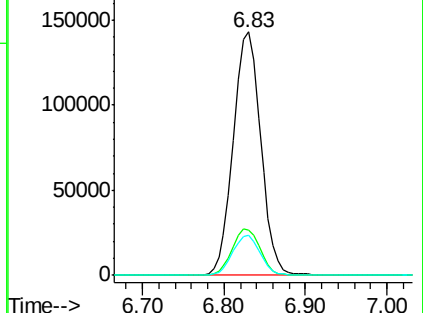
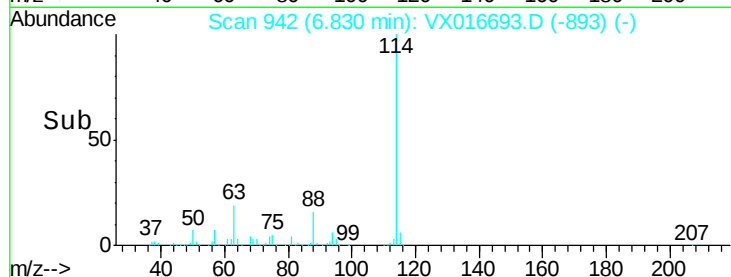
88 16.4 0.0 32.8



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: 50.973 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016693.D

Acq: 11 Jun 2020 10:54

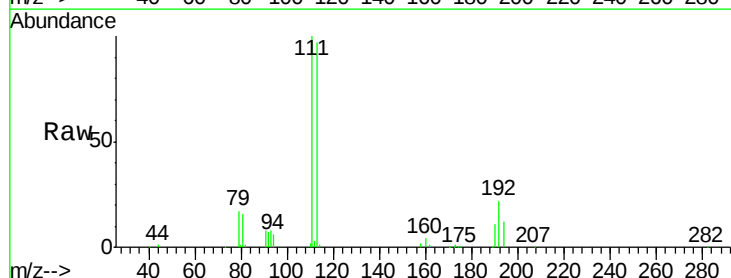
Tgt Ion:113 Resp: 104789

Ion Ratio Lower Upper

113 100

111 100.6 83.0 124.6

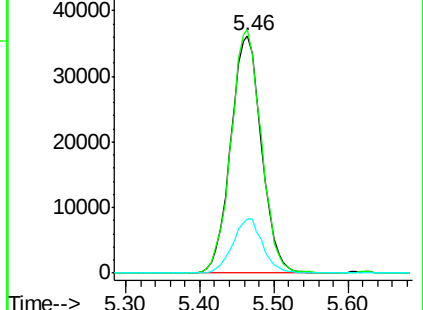
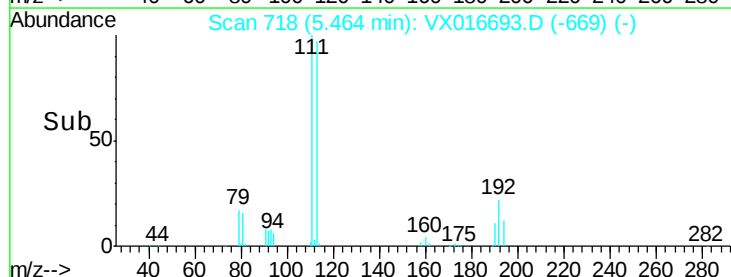
192 22.3 17.7 26.5

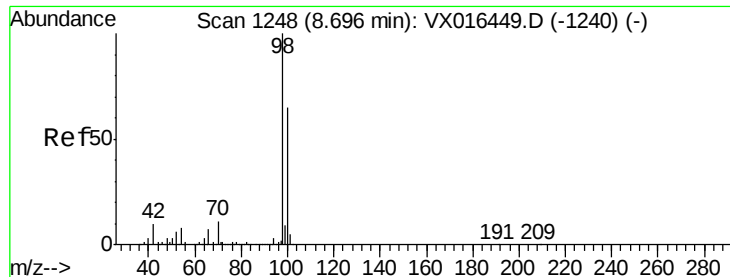


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.976 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016693.D

Acq: 11 Jun 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

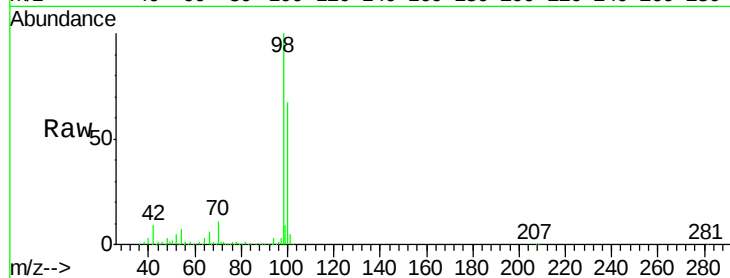
VX0611WBL01

Tot Ion: 98 Resp: 407882

Ion Ratio Lower Upper

98 100

100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

300000

250000

200000

150000

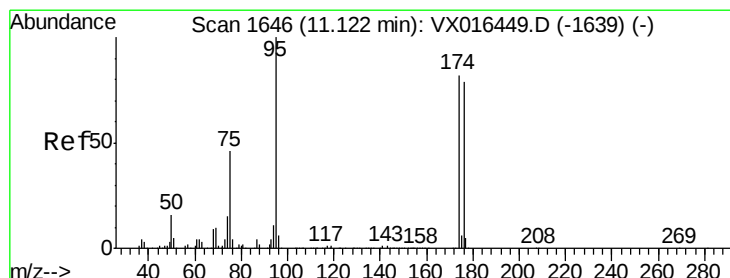
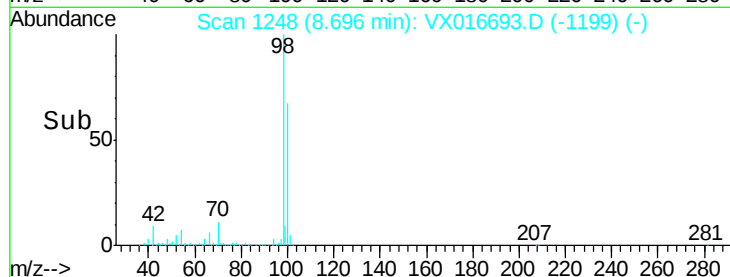
100000

50000

0

Time-->

8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 49.167 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016693.D

Acq: 11 Jun 2020 10:54

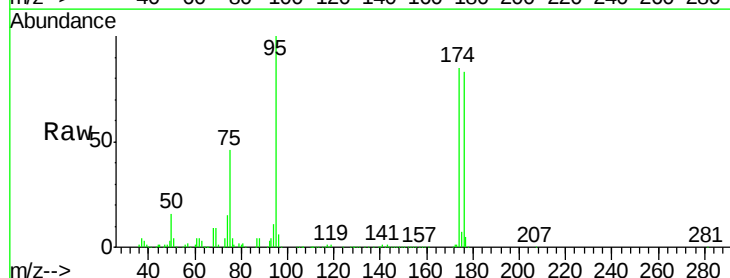
Tgt Ion: 95 Resp: 152011

Ion Ratio Lower Upper

95 100

174 86.3 0.0 163.0

176 83.5 0.0 156.8



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

150000

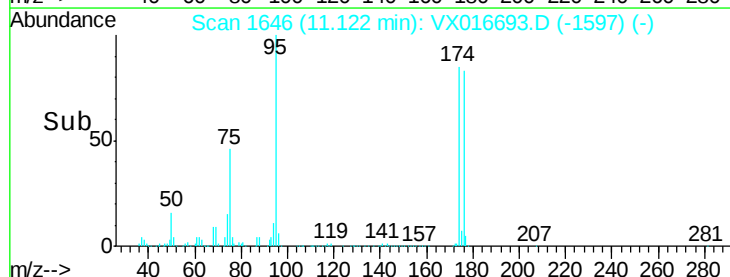
100000

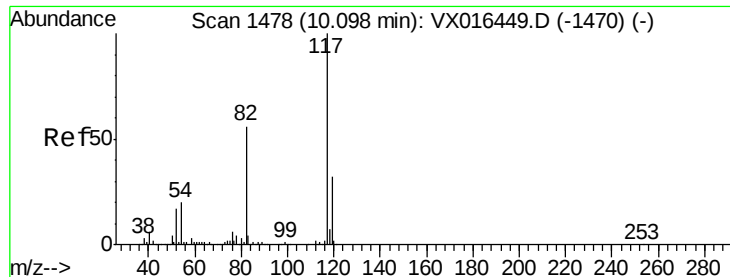
50000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016693.D

Acq: 11 Jun 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBL01

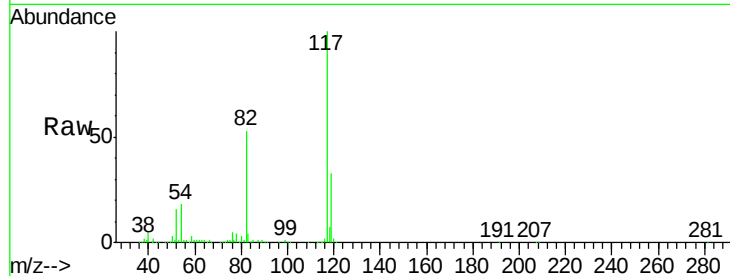
Tot Ion:117 Resp: 325054

Ion Ratio Lower Upper

117 100

82 52.9 45.0 67.6

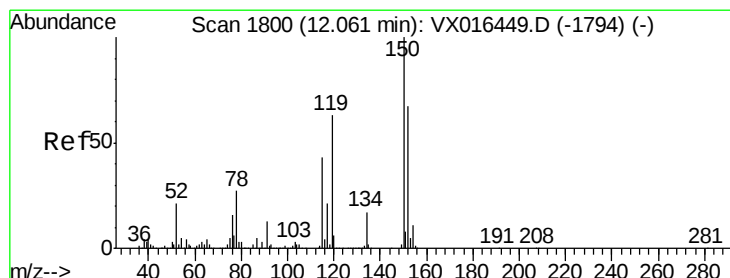
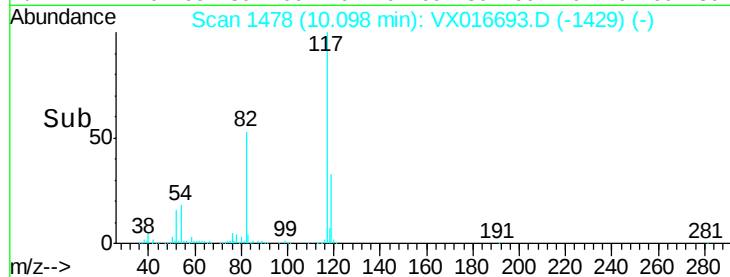
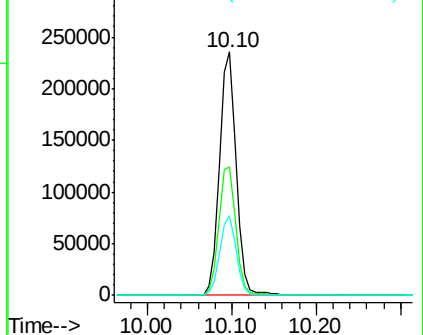
119 32.9 25.8 38.8



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: VX016693.D

Acq: 11 Jun 2020 10:54

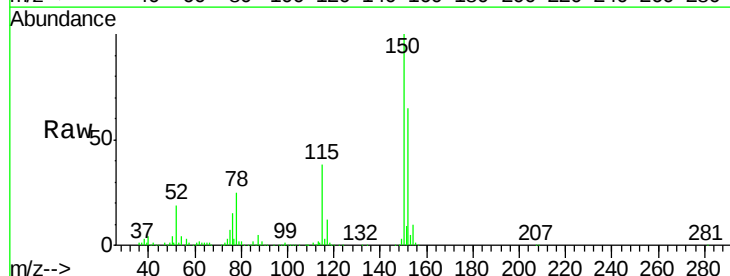
Tgt Ion:152 Resp: 146176

Ion Ratio Lower Upper

152 100

115 57.6 39.9 119.6

150 155.5 0.0 341.0



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

