

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010120.D
 Acq On : 07 Jun 2019 19:47
 Operator : JC/SP
 Sample : K3221-16DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW313S-20190605DL

Quant Time: Jun 08 03:53:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	306033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	466394	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	422730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202696	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	142400	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	5.49	113	144950	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	8.71	98	549455	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	195720	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

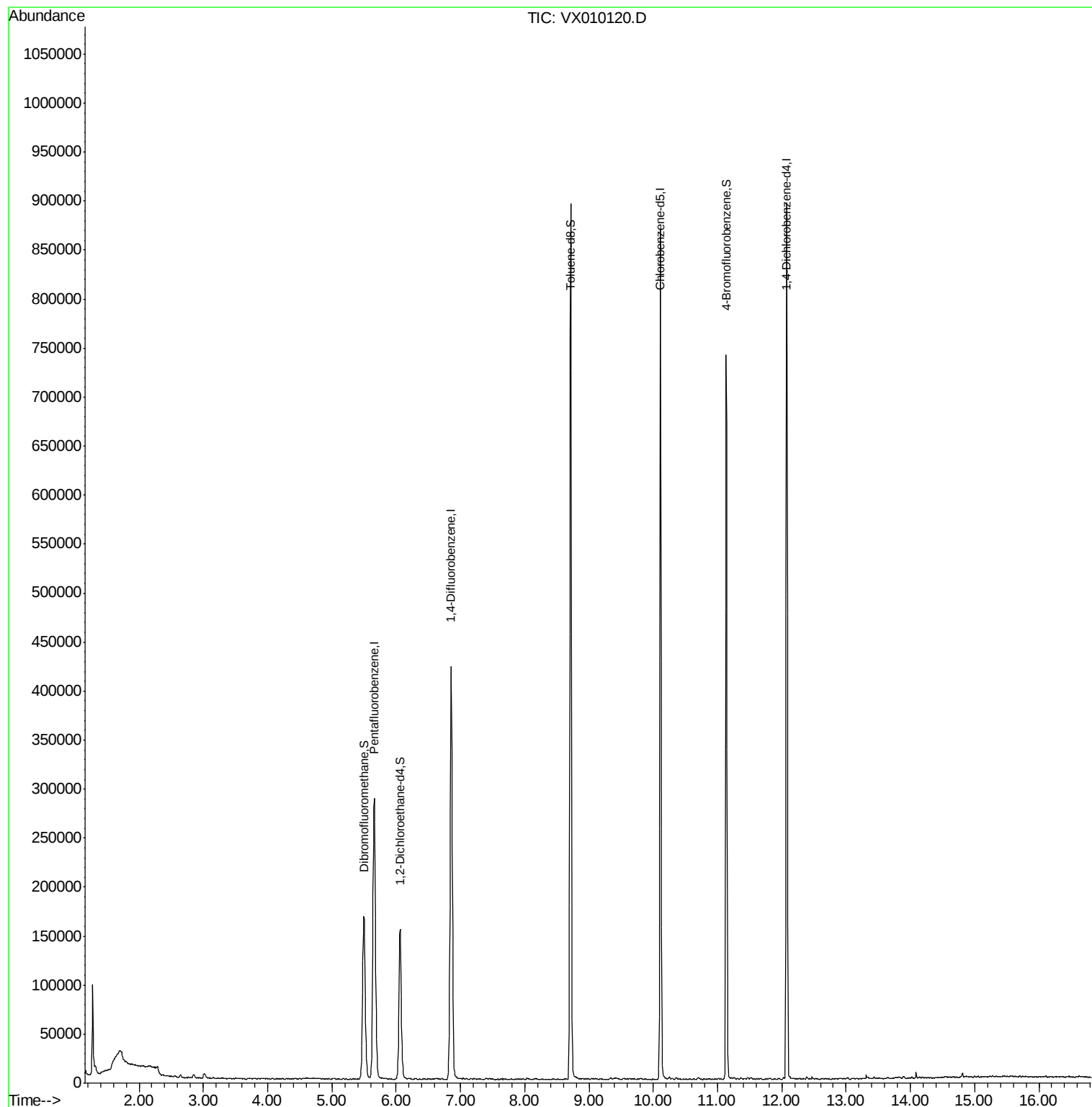
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010120.D

Acq: 07 Jun 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

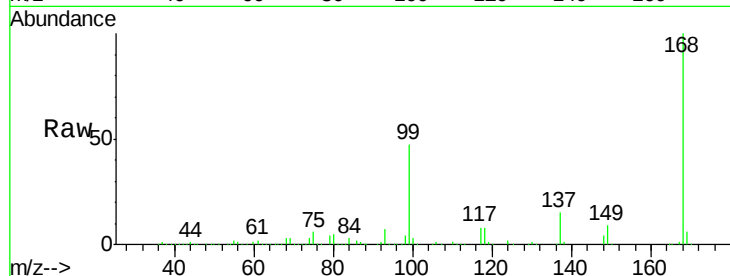
BPS1-TT-MW313S-20190605DL

Tot Ion:168 Resp: 306033

Ion Ratio Lower Upper

168 100

99 46.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

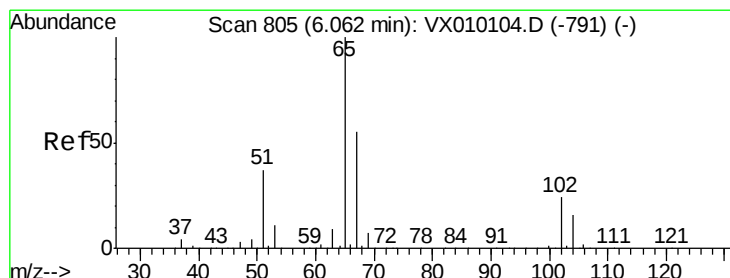
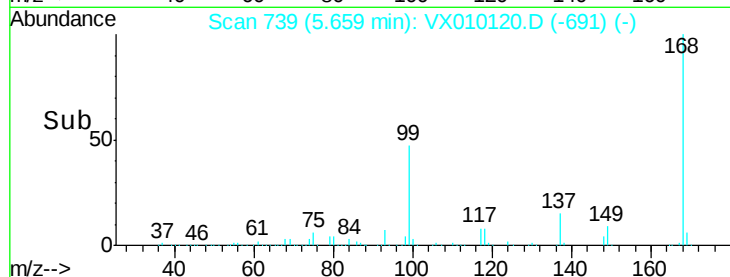
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.670 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010120.D

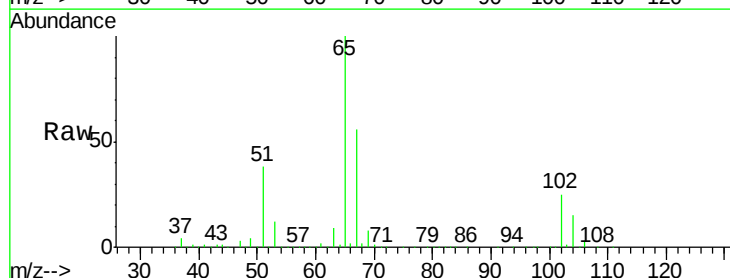
Acq: 07 Jun 2019 19:47

Tgt Ion: 65 Resp: 142400

Ion Ratio Lower Upper

65 100

67 54.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

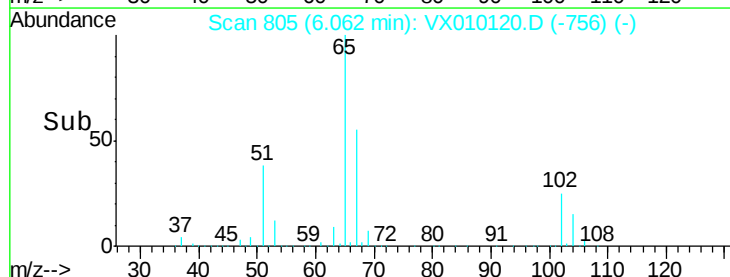
30000

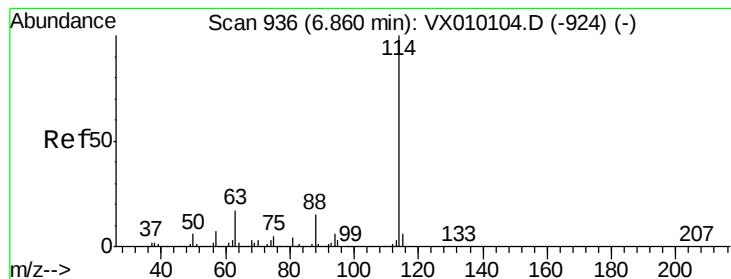
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010120.D

Acq: 07 Jun 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW313S-20190605DL

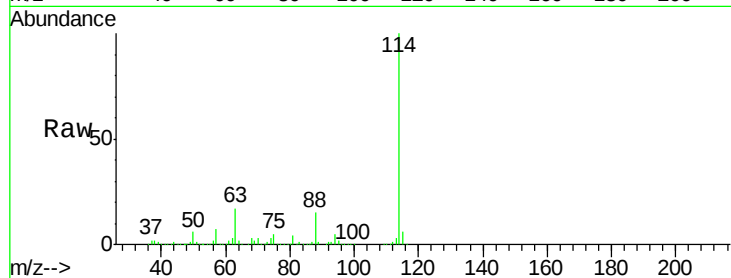
Tot Ion:114 Resp: 466394

Ion Ratio Lower Upper

114 100

63 17.1 0.0 47.4

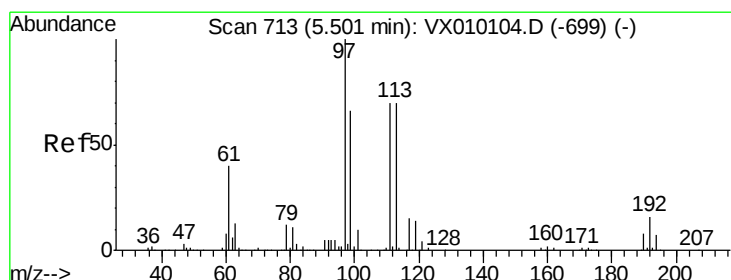
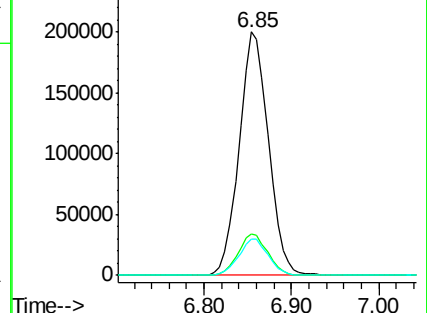
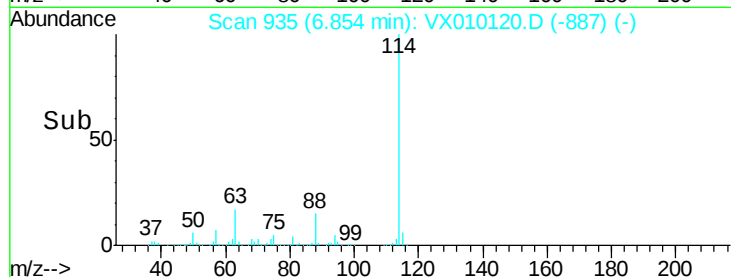
88 14.7 0.0 33.0



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: 50.385 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010120.D

Acq: 07 Jun 2019 19:47

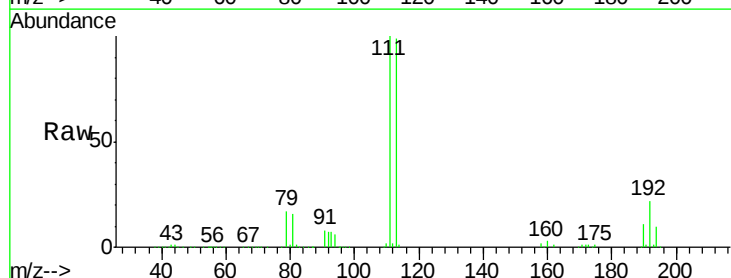
Tgt Ion:113 Resp: 144950

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

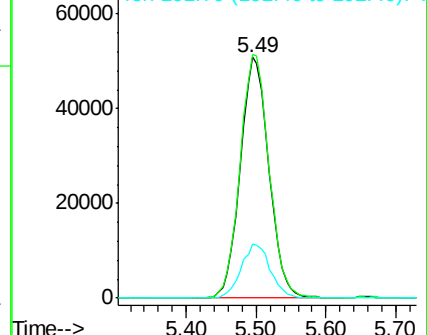
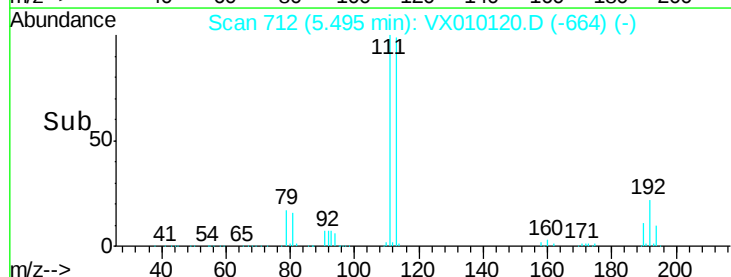
192 22.9 17.1 25.7

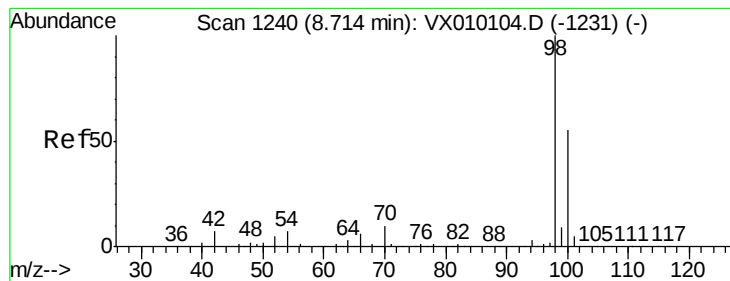


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.961 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010120.D

Acq: 07 Jun 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

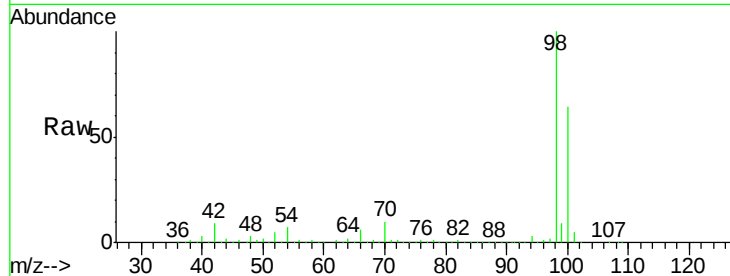
BPS1-TT-MW313S-20190605DL

Tot Ion: 98 Resp: 549455

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

300000

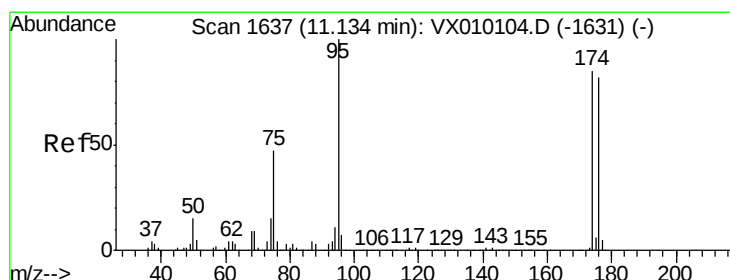
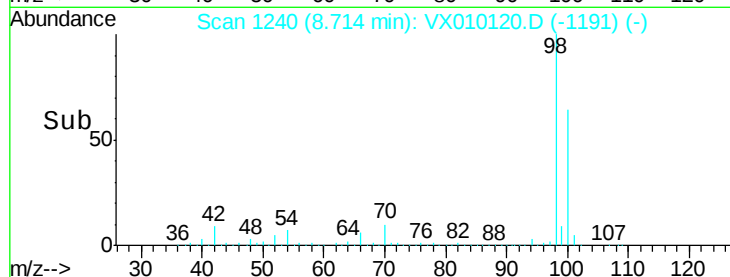
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.607 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010120.D

Acq: 07 Jun 2019 19:47

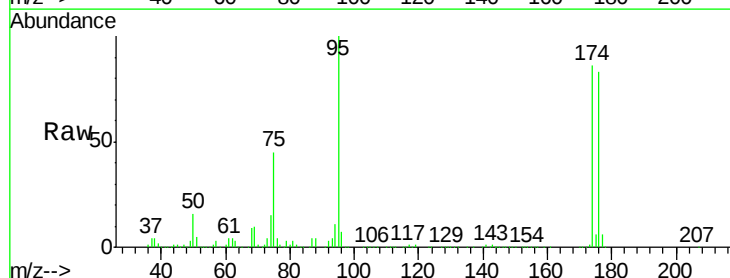
Tgt Ion: 95 Resp: 195720

Ion Ratio Lower Upper

95 100

174 91.1 0.0 160.4

176 88.7 0.0 154.6



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

200000

150000

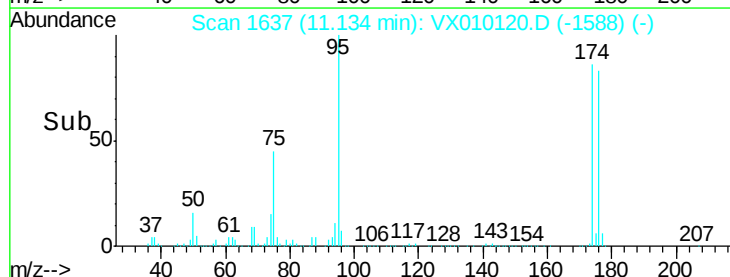
100000

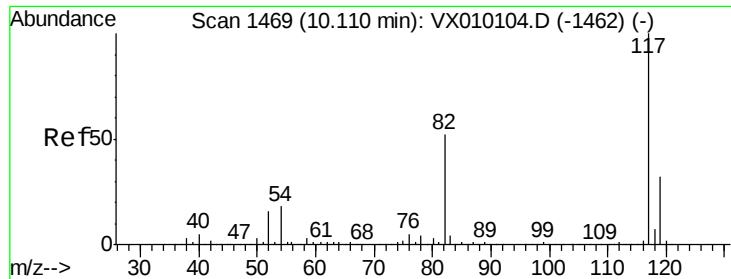
50000

0

Time-->

11.10 11.20

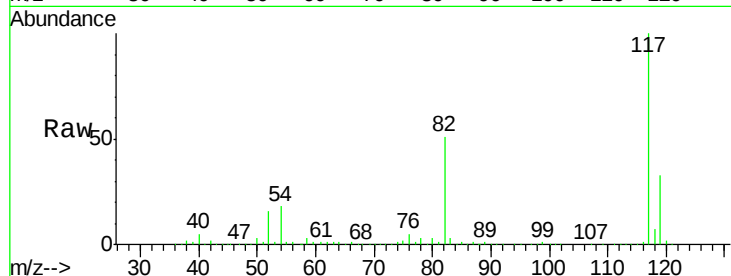




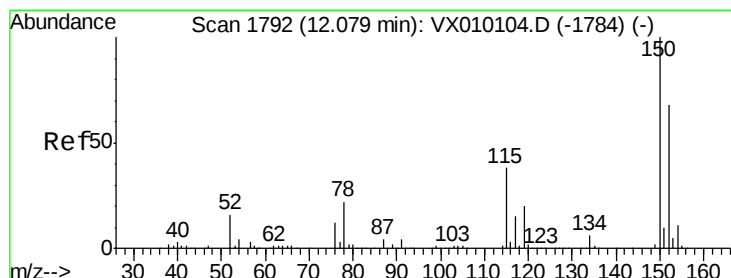
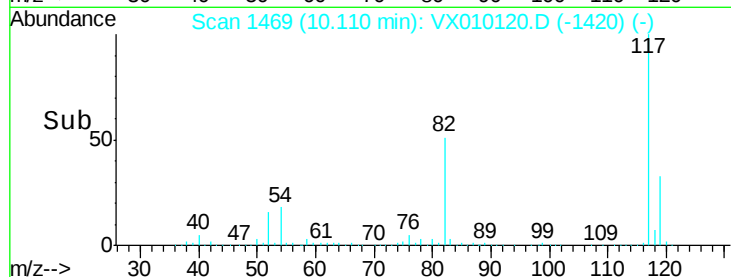
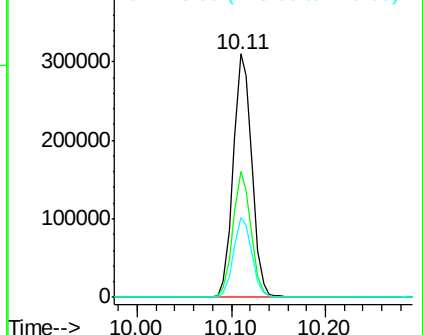
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010120.D
Acq: 07 Jun 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW313S-20190605DL

Tot Ion:117 Resp: 422730
Ion Ratio Lower Upper
117 100
82 51.4 49.2 73.8
119 32.5 25.2 37.8

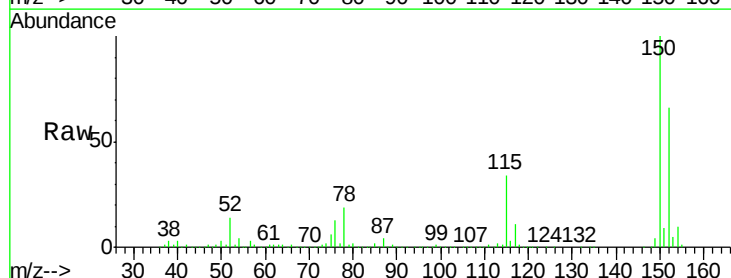


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010120.D
Acq: 07 Jun 2019 19:47

Tgt Ion:152 Resp: 202696
Ion Ratio Lower Upper
152 100
115 54.5 41.4 124.2
150 155.1 0.0 345.2



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

