

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000918.D
 Acq On : 09 Dec 2019 17:33
 Operator : SY/MD
 Sample : K6204-04
 Misc : 6.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-4

Quant Time: Dec 10 08:43:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	260862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	480319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	433626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192289	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	158240	57.09	ug/l	0.00
Spiked Amount			Recovery	=	114.18%	
35) Dibromofluoromethane	7.73	113	141562	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
50) Toluene-d8	10.17	98	580853	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.48	95	199898	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

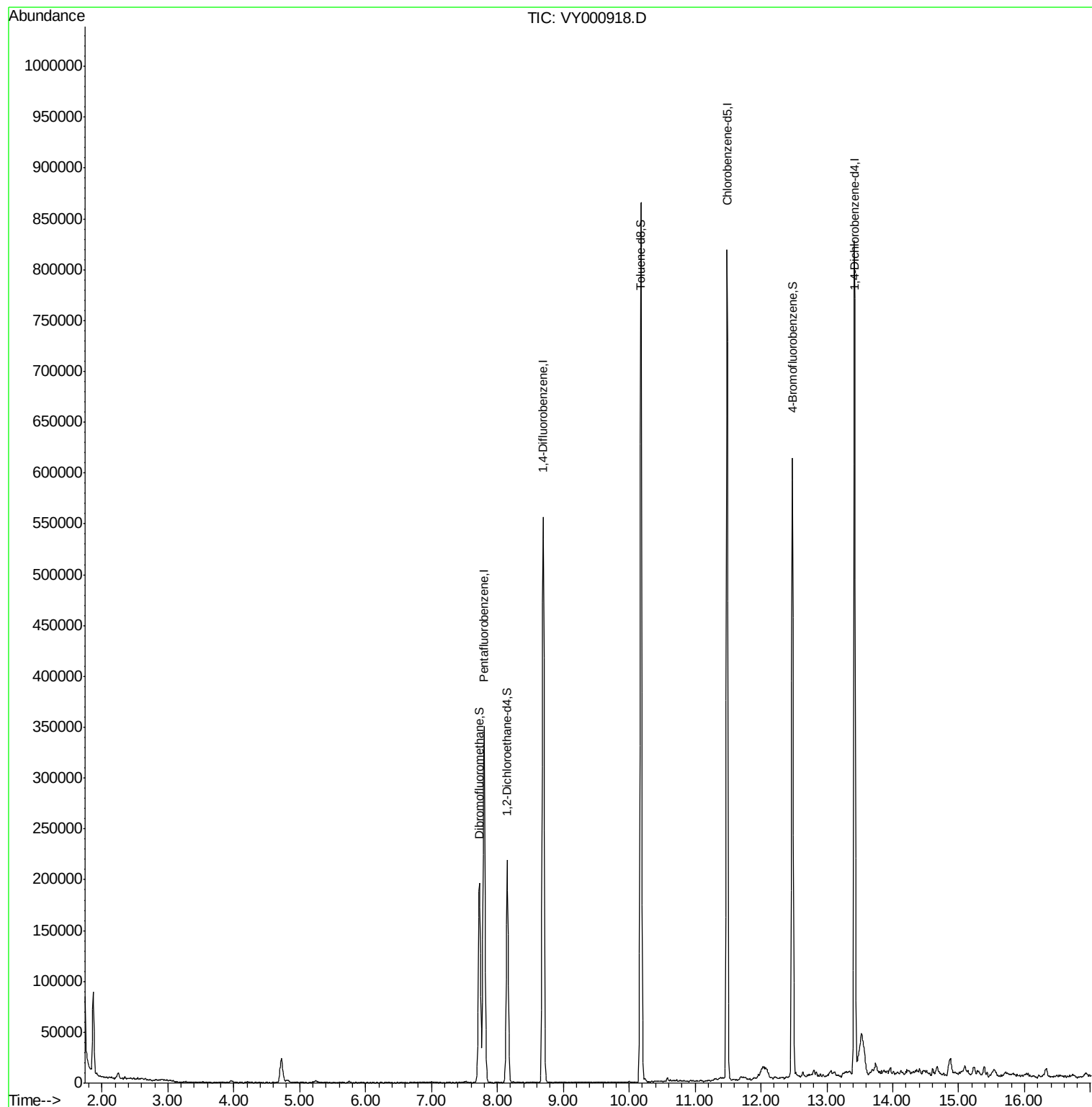
Target Compounds	Qvalue
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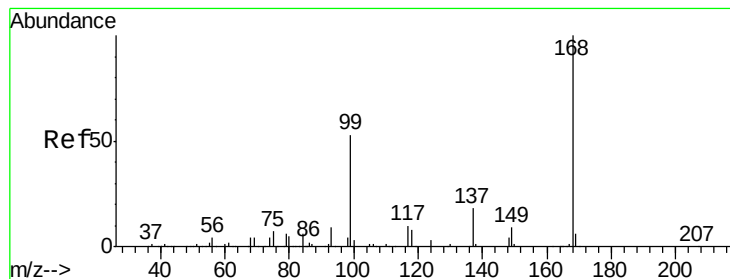
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

Instrument :

MSVOA_Y

ClientSampleId :

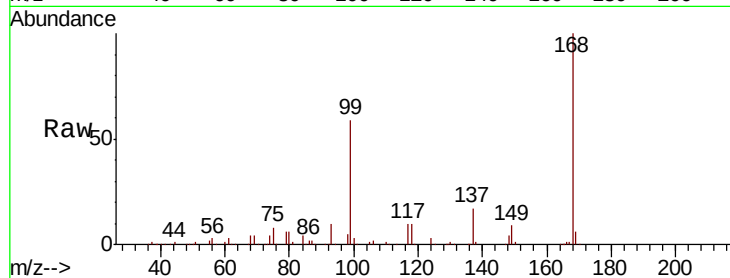
K072-AA-SB-4

Tot Ion:168 Resp: 260862

Ion Ratio Lower Upper

168 100

99 59.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000918.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000918.D (-946) (-)

7.80

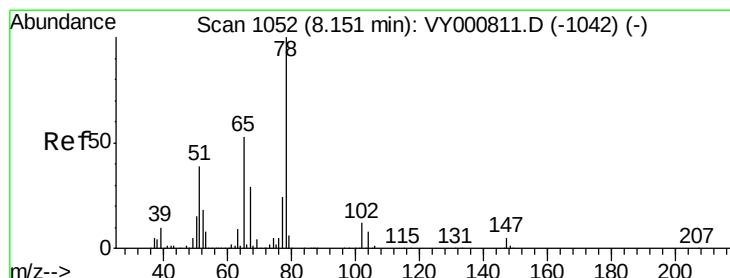
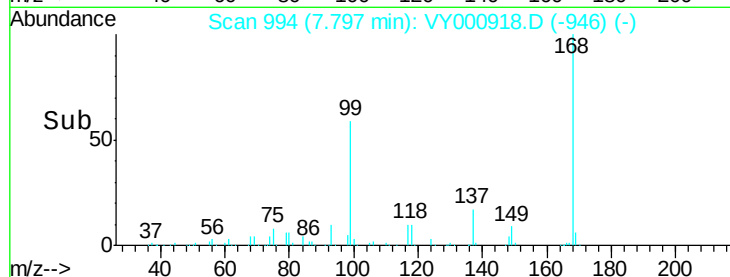
100000

50000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 57.088 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000918.D

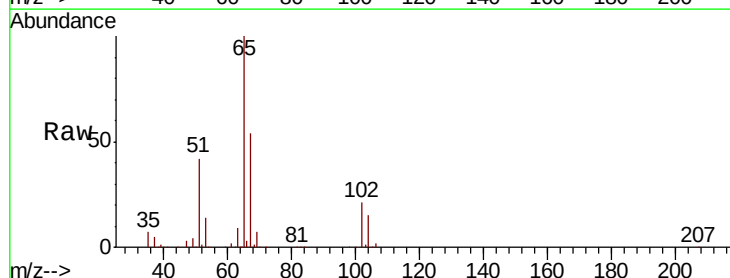
Acq: 09 Dec 2019 17:33

Tgt Ion: 65 Resp: 158240

Ion Ratio Lower Upper

65 100

67 55.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000918.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000918.D (-1003) (-)

8.15

80000

60000

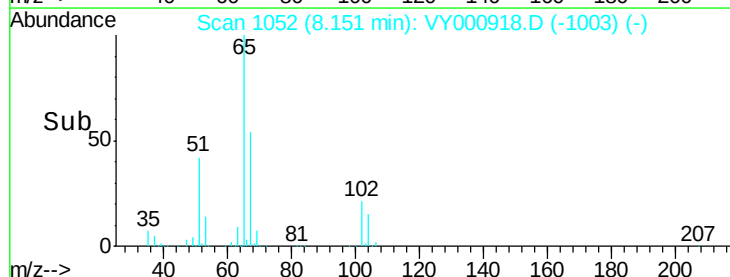
40000

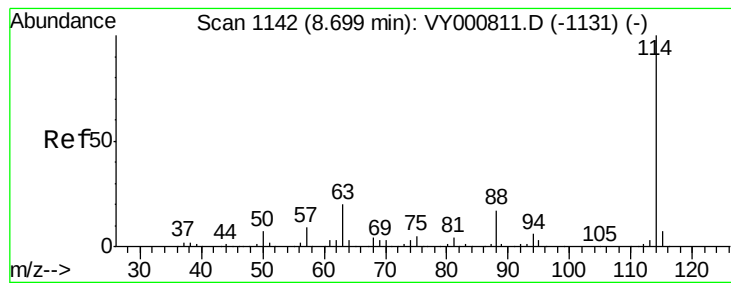
20000

0

Time-->

8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

Instrument :

MSVOA_Y

ClientSampleId :

K072-AA-SB-4

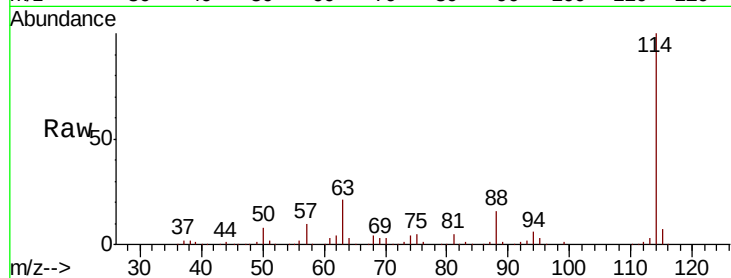
Tot Ion:114 Resp: 480319

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

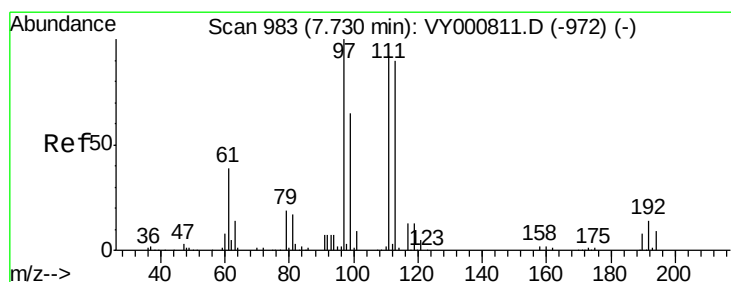
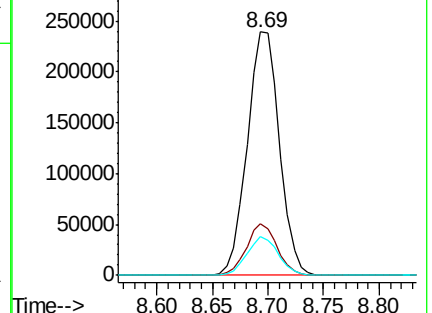
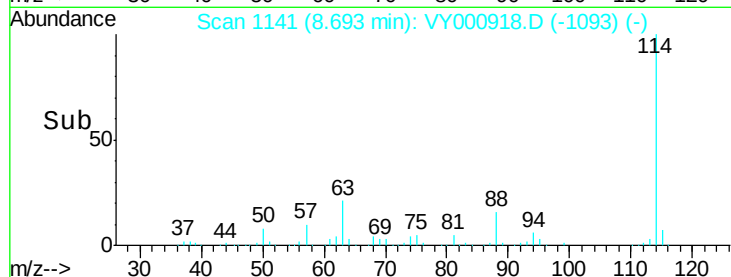
88 15.7 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.571 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

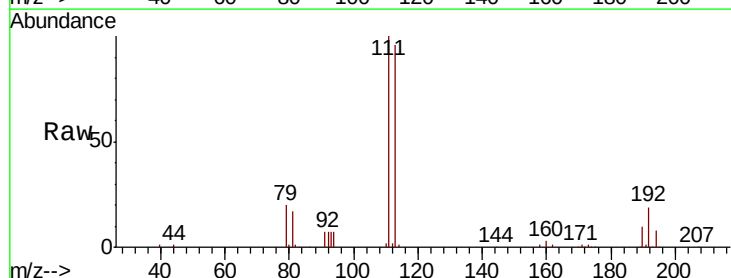
Tgt Ion:113 Resp: 141562

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

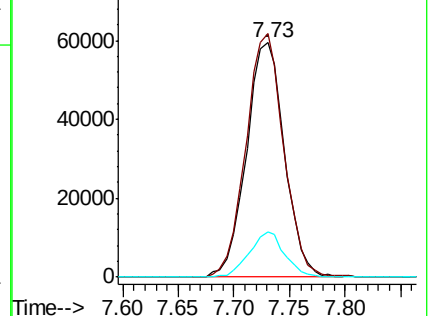
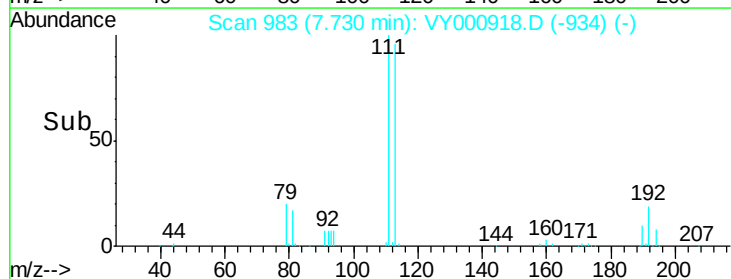
192 17.9 14.2 21.2

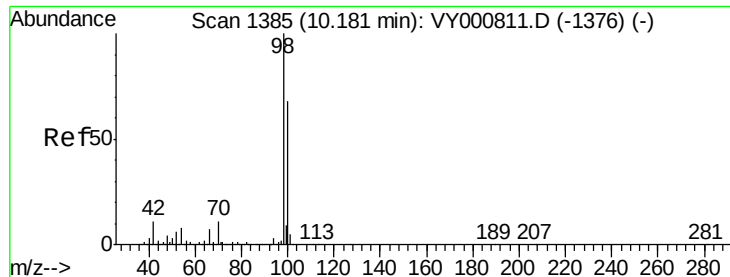


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.902 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

Instrument :

MSVOA_Y

ClientSampleId :

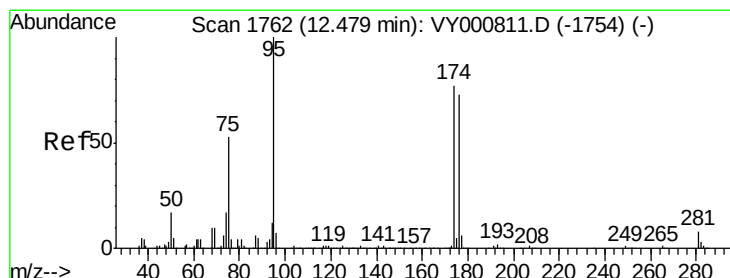
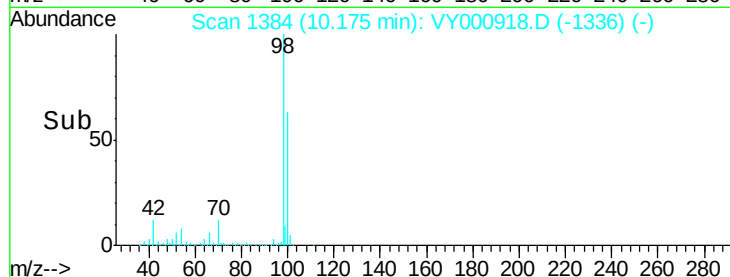
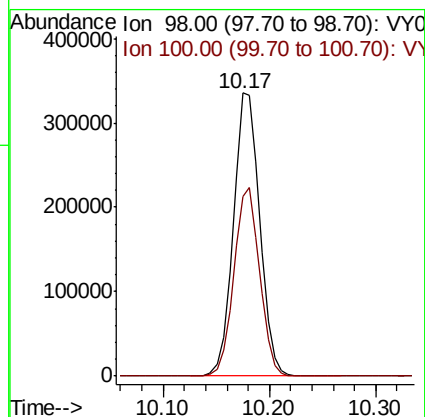
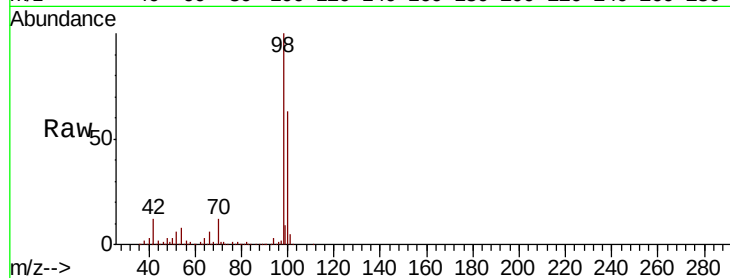
K072-AA-SB-4

Tot Ion: 98 Resp: 580853

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 47.561 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

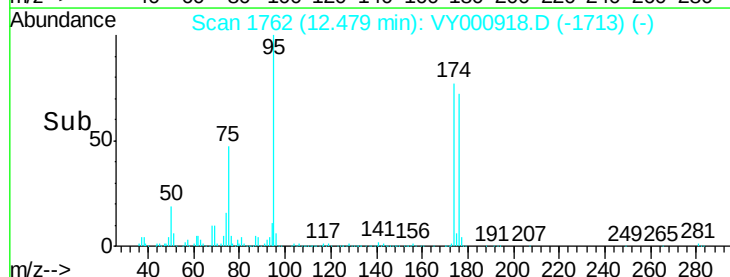
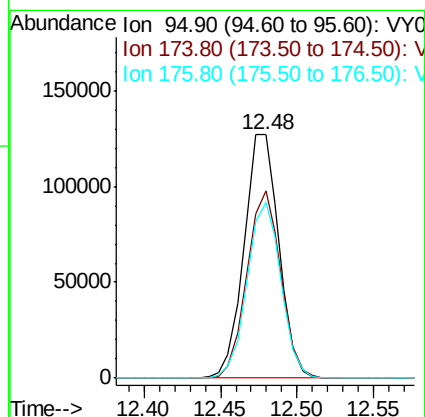
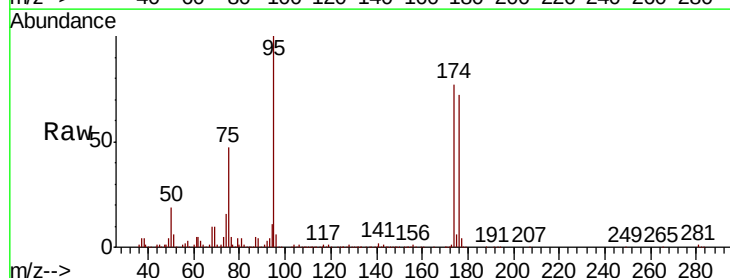
Tgt Ion: 95 Resp: 199898

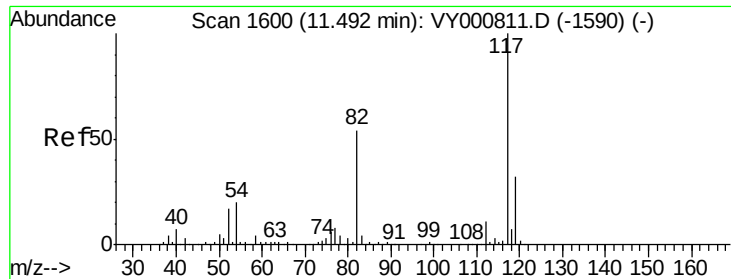
Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

176 70.5 0.0 145.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

Instrument :

MSVOA_Y

ClientSampleId :

K072-AA-SB-4

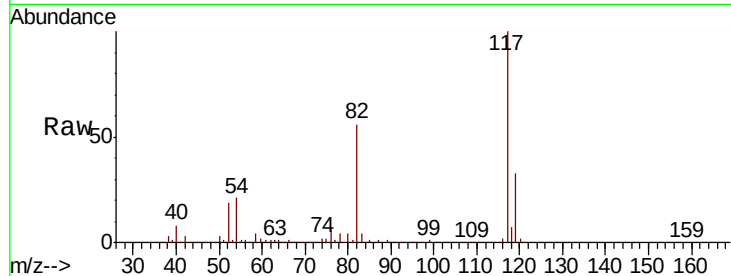
Tot Ion:117 Resp: 433626

Ion Ratio Lower Upper

117 100

82 55.9 43.1 64.7

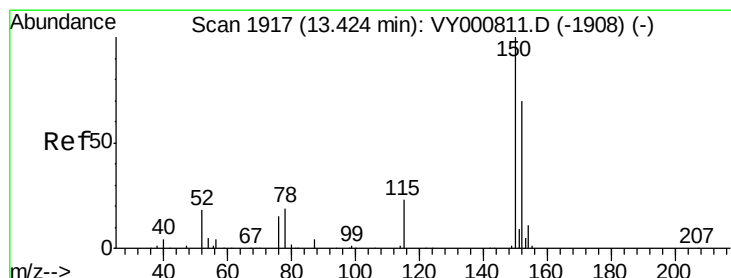
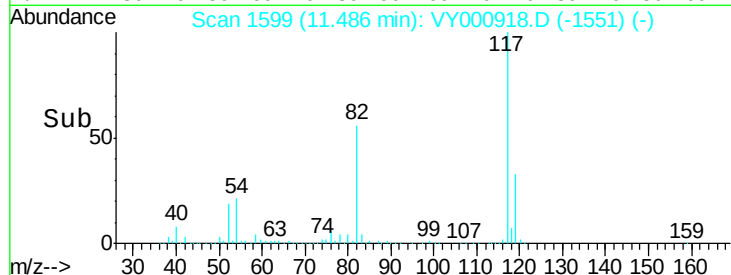
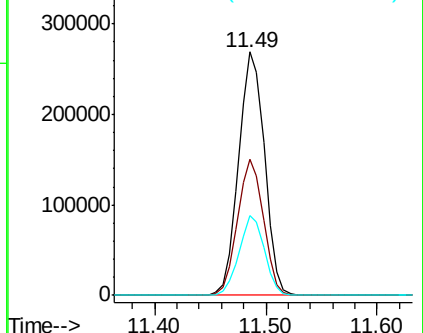
119 32.8 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000918.D

Acq: 09 Dec 2019 17:33

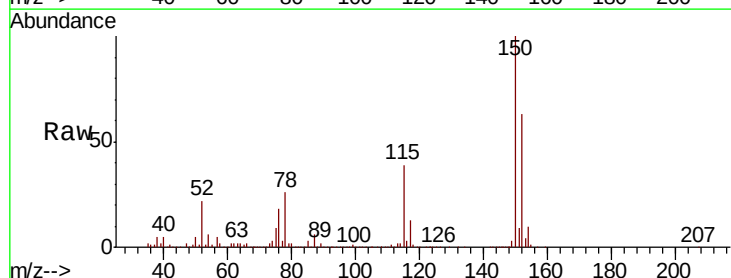
Tgt Ion:152 Resp: 192289

Ion Ratio Lower Upper

152 100

115 60.8 29.3 87.8

150 163.3 0.0 351.2



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

