

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000159.D
 Acq On : 26 Sep 2019 17:48
 Operator : SY/MD
 Sample : K5038-06RE
 Misc : 6.85g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DN-3RE

Quant Time: Sep 26 18:44:53 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	110247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	204771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	168567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	64263	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	52760	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	7.72	113	56150	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.18	98	231949	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.47	95	69741	42.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.32%	

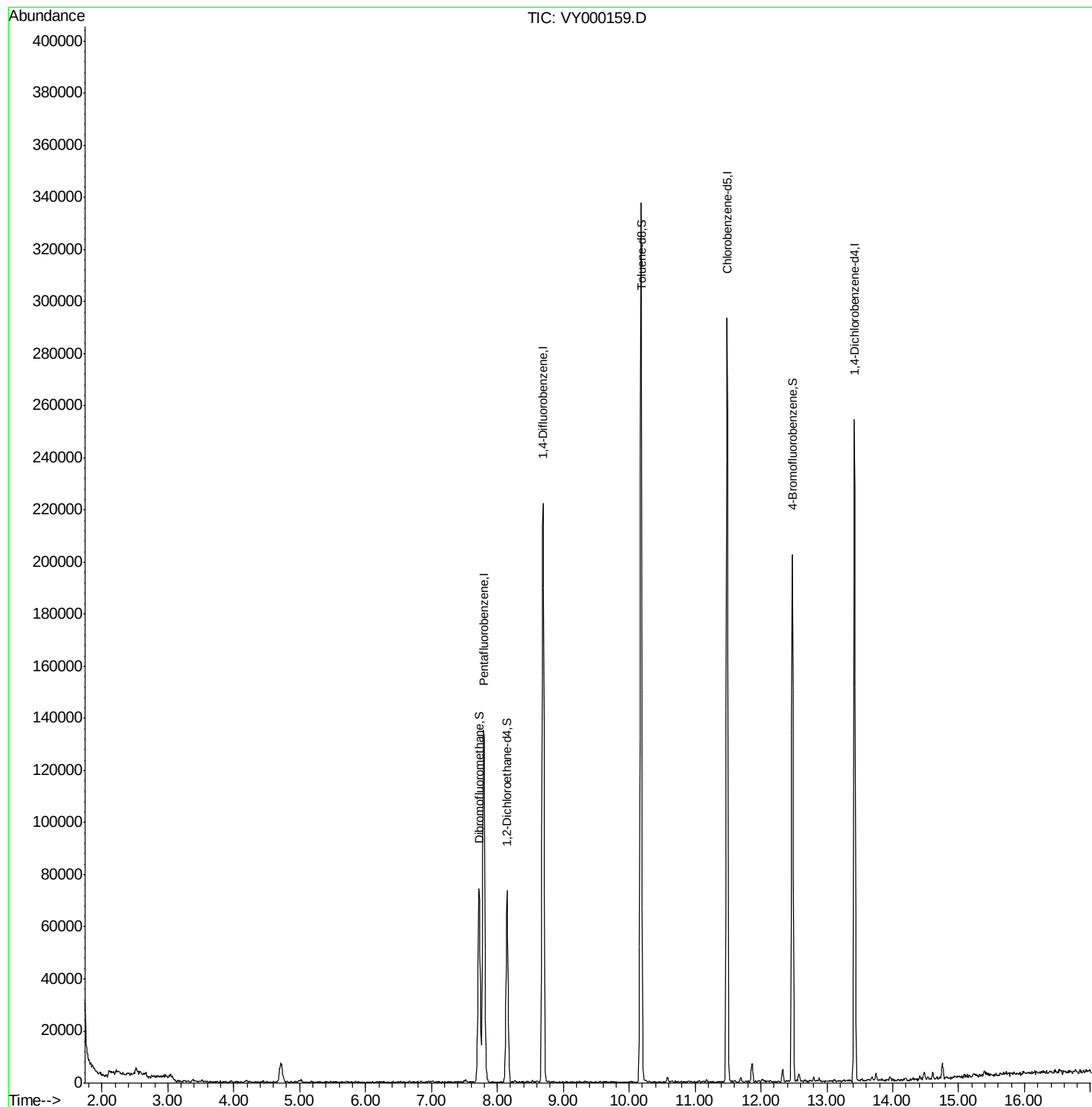
Target Compounds	Qvalue

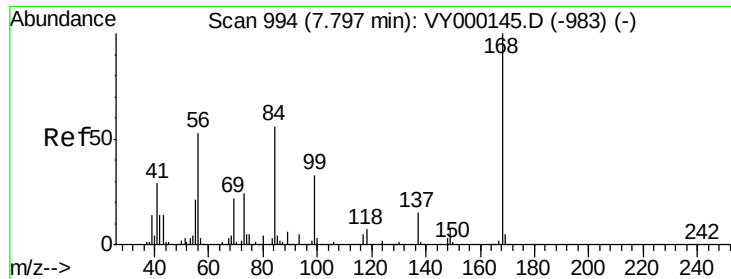
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

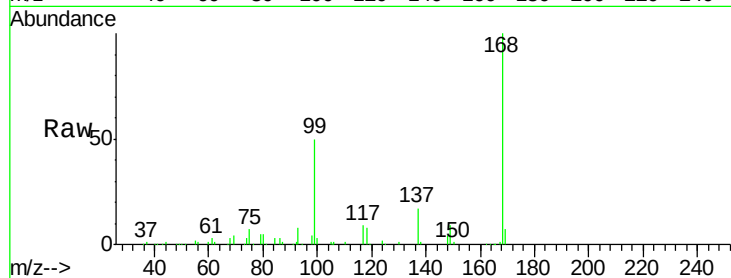
DN-3RE

Tot Ion:168 Resp: 110247

Ion Ratio Lower Upper

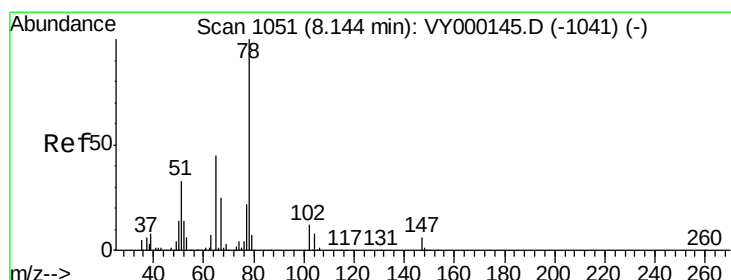
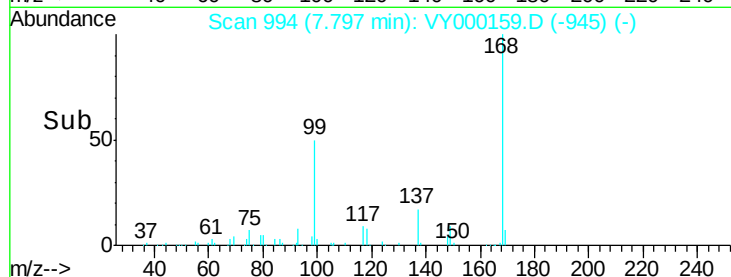
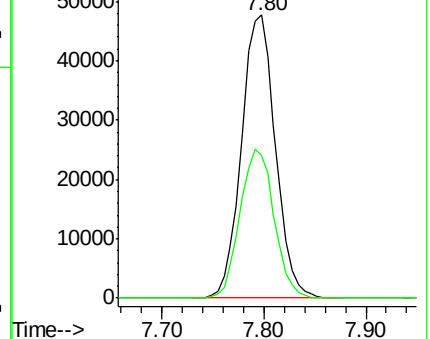
168 100

99 50.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000159.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY000159.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.646 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000159.D

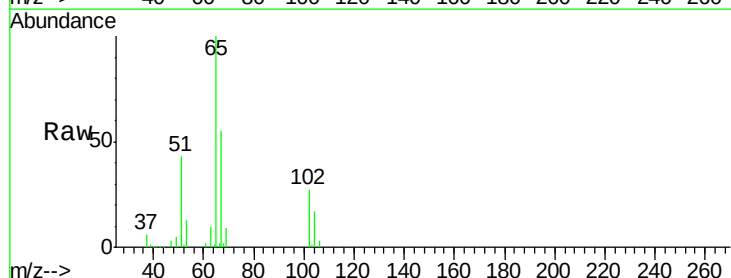
Acq: 26 Sep 2019 17:48

Tgt Ion: 65 Resp: 52760

Ion Ratio Lower Upper

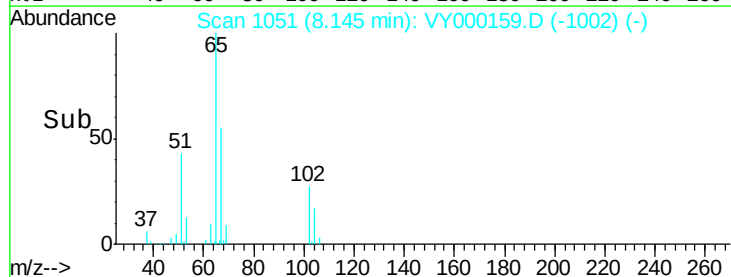
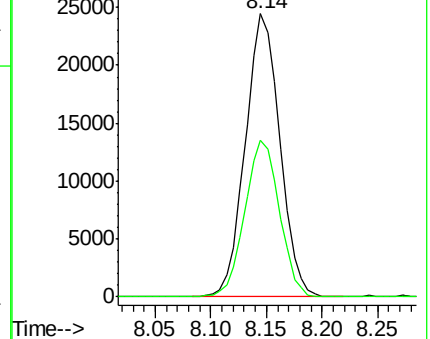
65 100

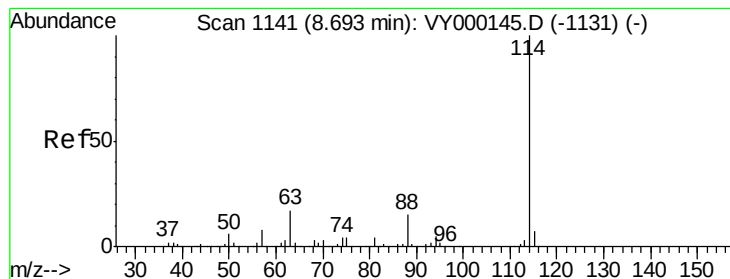
67 55.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY000159.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY000159.D (-1002) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :

MSVOA_Y

ClientSampled :

DN-3RE

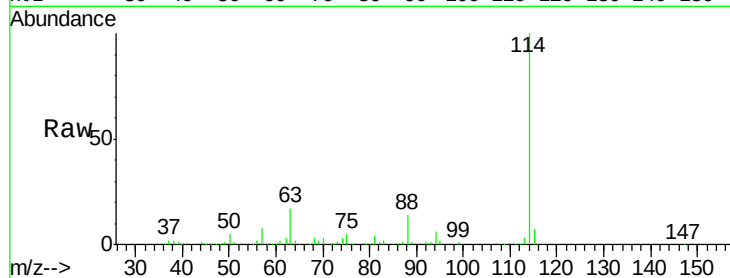
Tot Ion:114 Resp: 204771

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.6

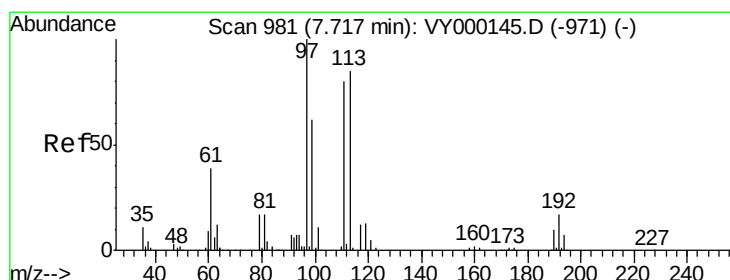
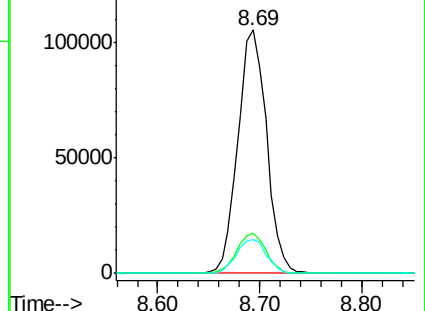
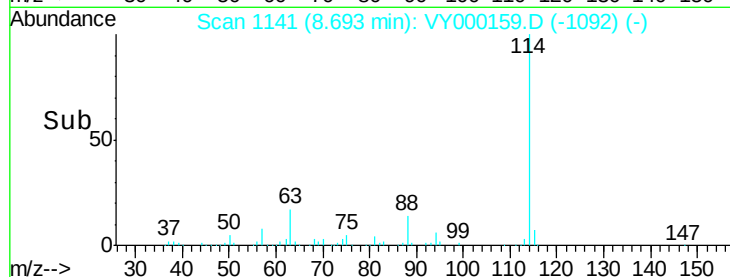
88 13.8 0.0 30.6



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: 52.360 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

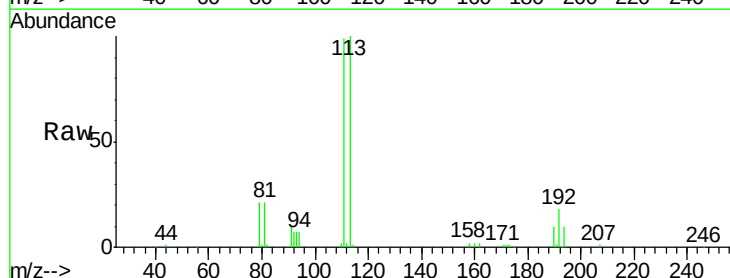
Tgt Ion:113 Resp: 56150

Ion Ratio Lower Upper

113 100

111 99.9 82.0 123.0

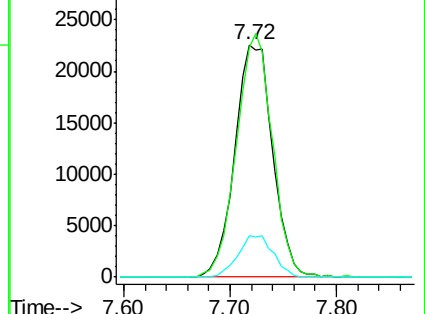
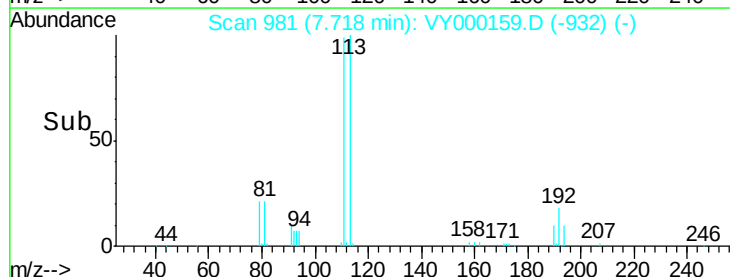
192 17.0 17.3 25.9#

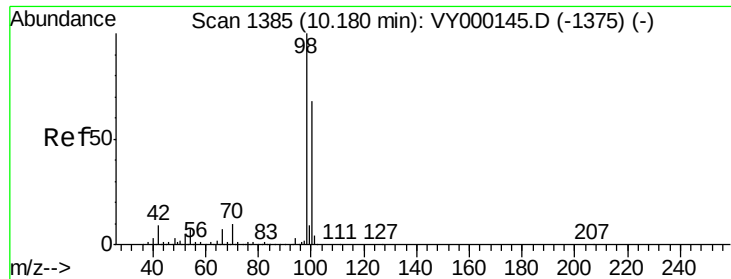


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.113 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

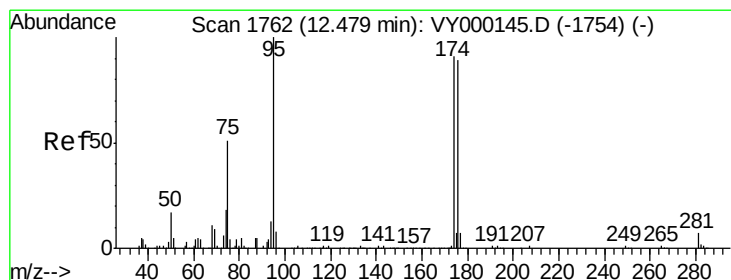
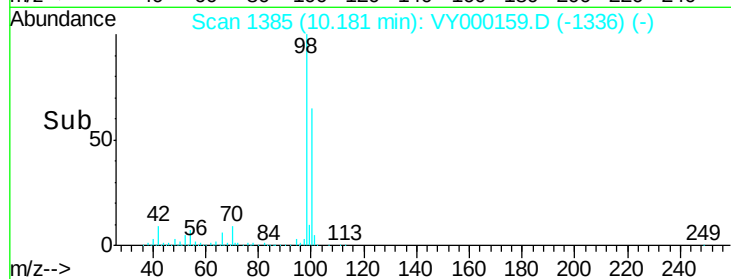
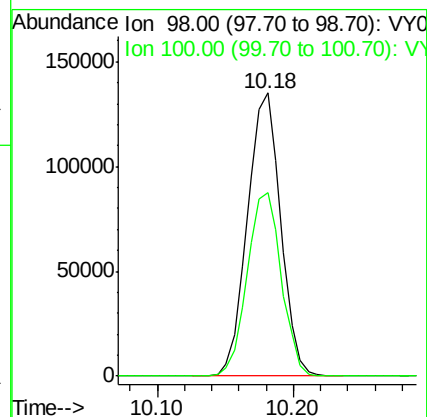
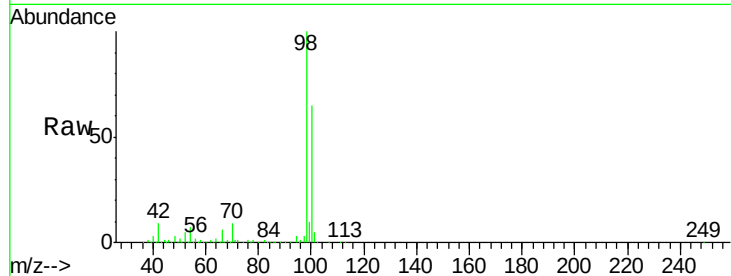
DN-3RE

Tot Ion: 98 Resp: 231949

Ion Ratio Lower Upper

98 100

100 66.3 54.2 81.2



#62

4-Bromofluorobenzene

Concen: 42.164 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

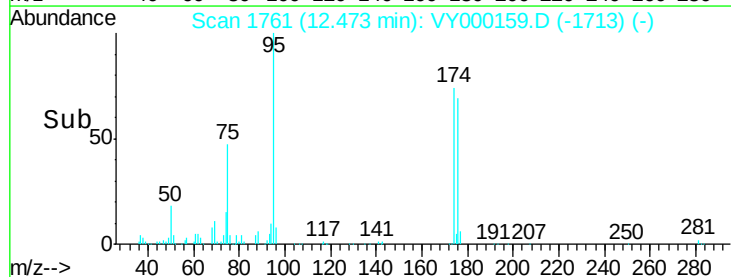
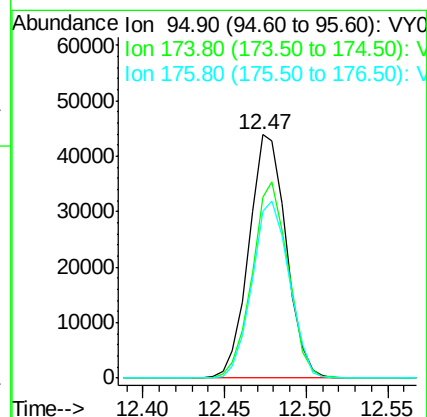
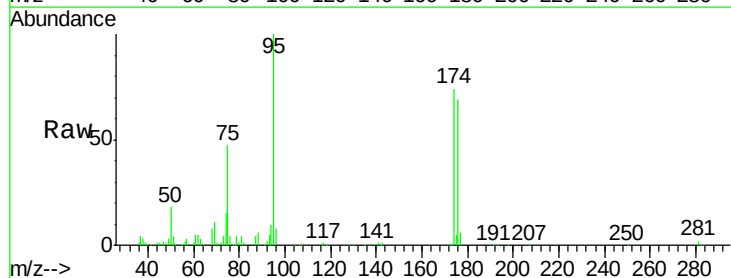
Tgt Ion: 95 Resp: 69741

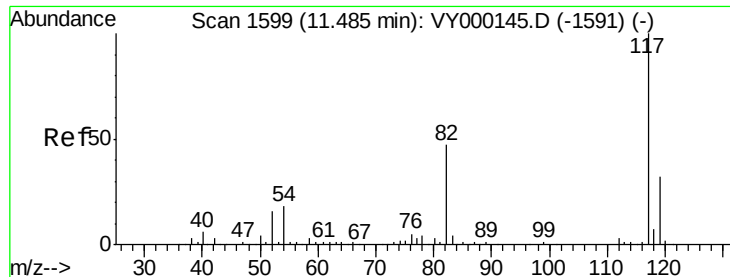
Ion Ratio Lower Upper

95 100

174 77.8 0.0 180.6

176 72.6 0.0 171.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY000159.D

Acq: 26 Sep 2019 17:48

Instrument :

MSVOA_Y

ClientSampleId :

DN-3RE

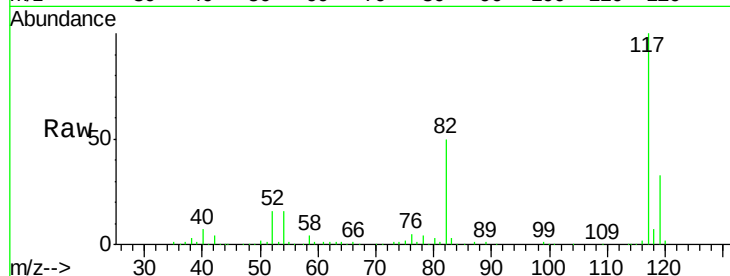
Tot Ion:117 Resp: 168567

Ion Ratio Lower Upper

117 100

82 50.0 37.7 56.5

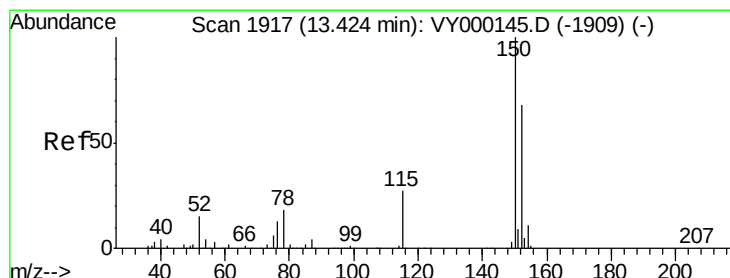
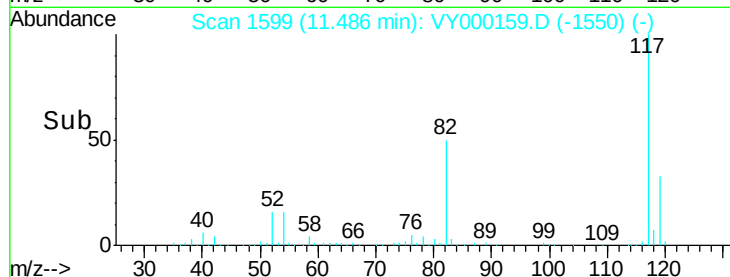
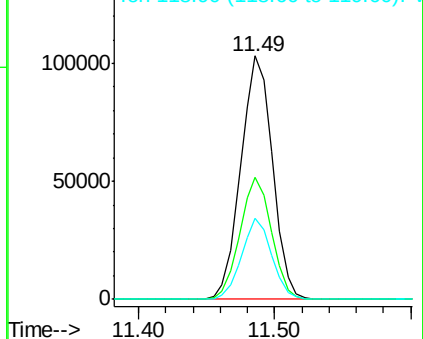
119 33.2 25.4 38.2



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: VY000159.D

Acq: 26 Sep 2019 17:48

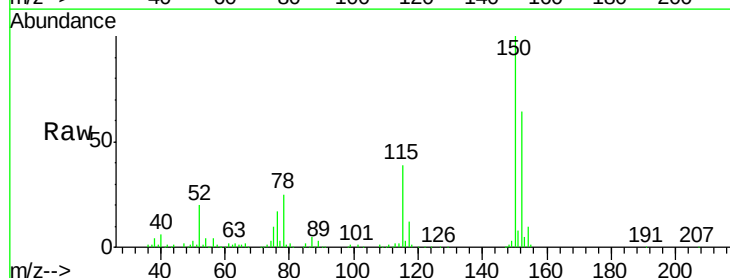
Tgt Ion:152 Resp: 64263

Ion Ratio Lower Upper

152 100

115 57.5 26.8 80.4

150 157.6 0.0 347.8



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

