

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000009.D
 Acq On : 11 Sep 2019 19:35
 Operator : SY/MD
 Sample : VY0911SBL01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBL01

Quant Time: Sep 19 11:40:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:25:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	142787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	266259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	227119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	95298	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	78013	53.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.80%	
35) Dibromofluoromethane	7.72	113	79421	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.18	98	333153	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
62) 4-Bromofluorobenzene	12.48	95	110225	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

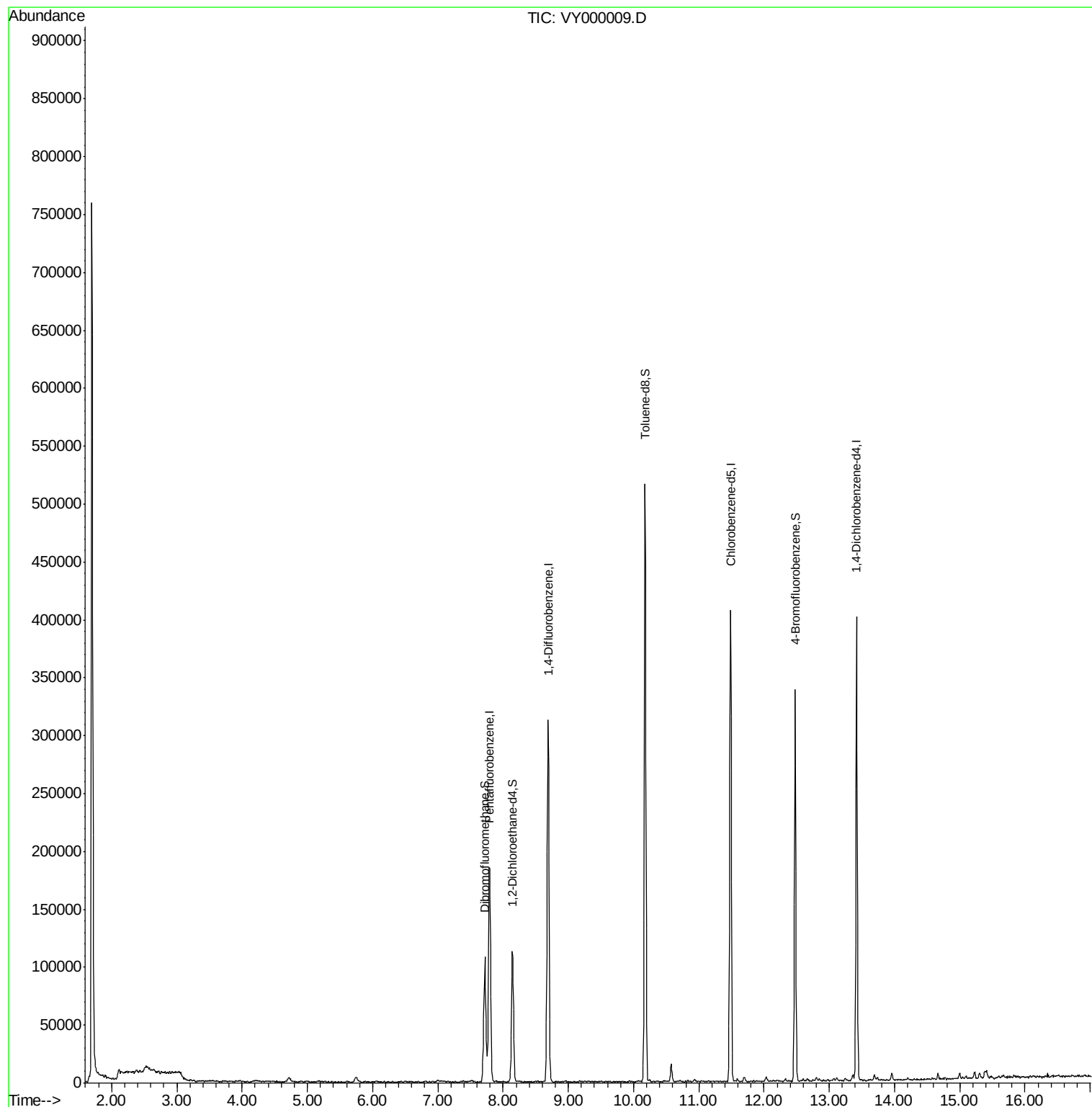
Target Compounds	Qvalue

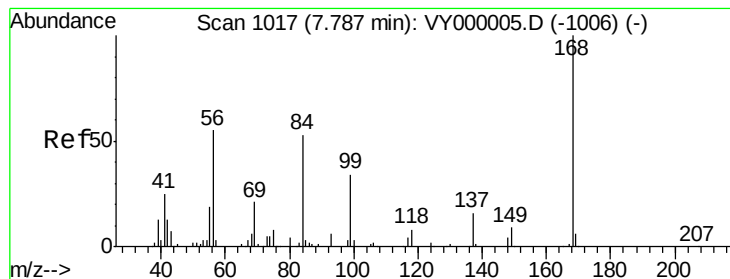
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 11:25:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VY000009.D

Acq: 11 Sep 2019 19:35

Instrument :

MSVOA_Y

ClientSampleId :

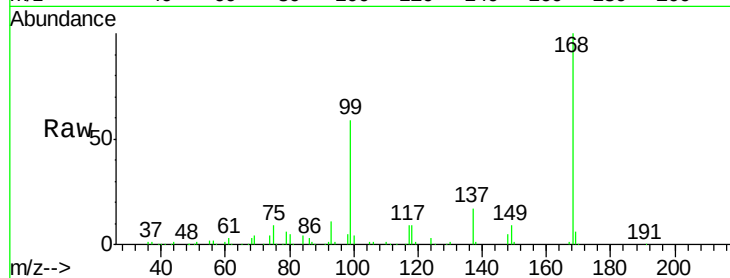
VY0911SBL01

Tot Ion:168 Resp: 142787

Ion Ratio Lower Upper

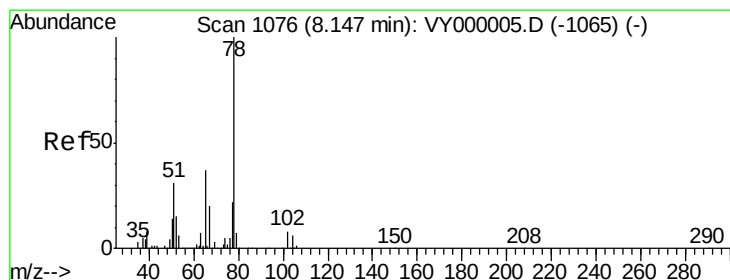
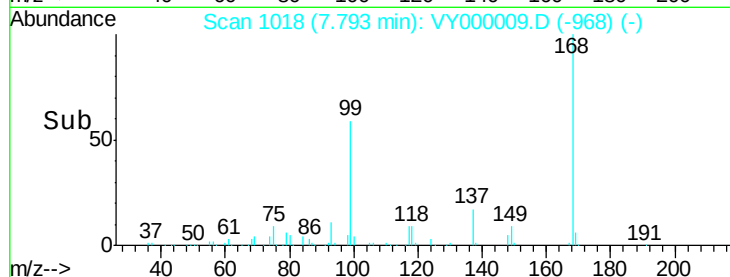
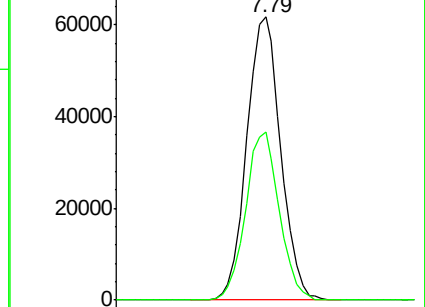
168 100

99 59.3 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.897 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY000009.D

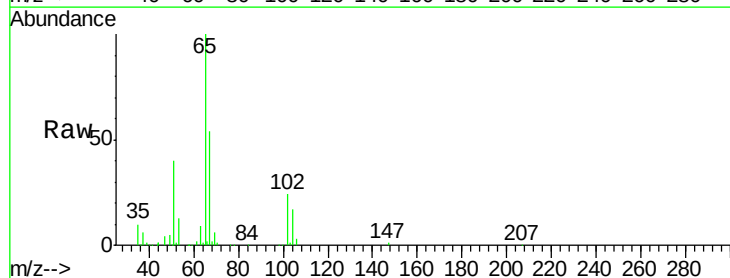
Acq: 11 Sep 2019 19:35

Tgt Ion: 65 Resp: 78013

Ion Ratio Lower Upper

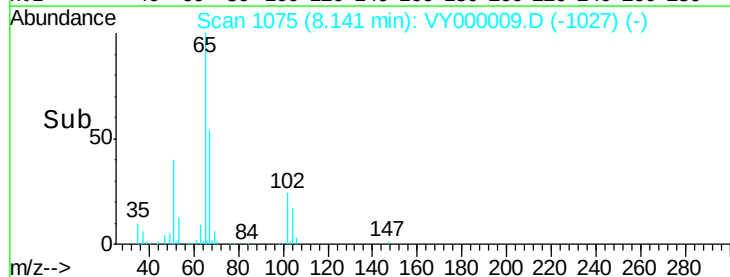
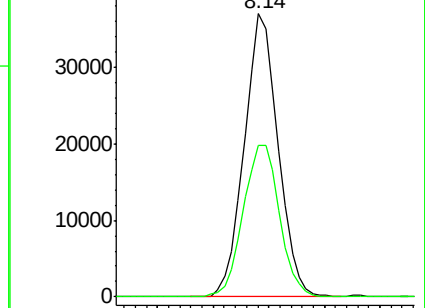
65 100

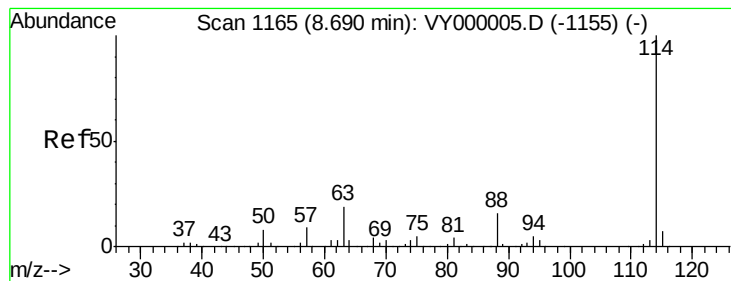
67 57.6 0.0 111.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000009.D

Acq: 11 Sep 2019 19:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBL01

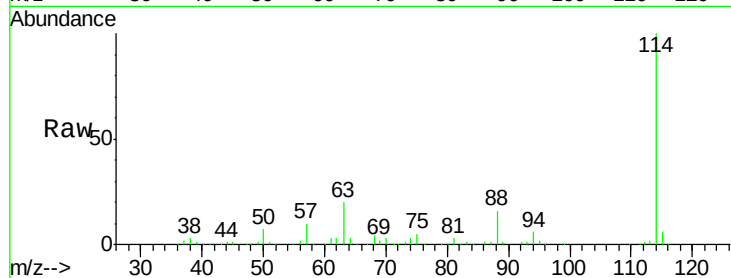
Tot Ion:114 Resp: 266259

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

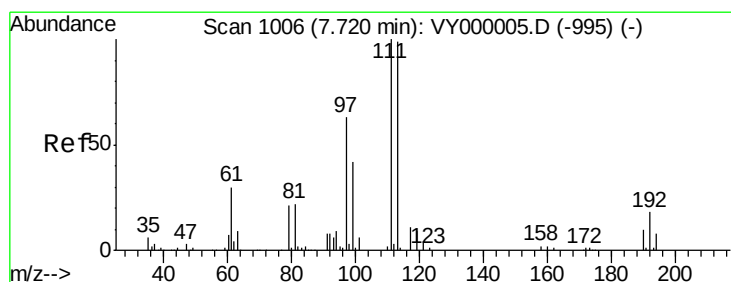
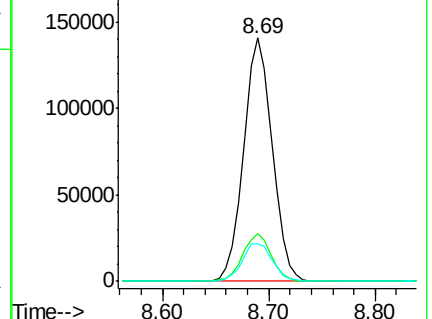
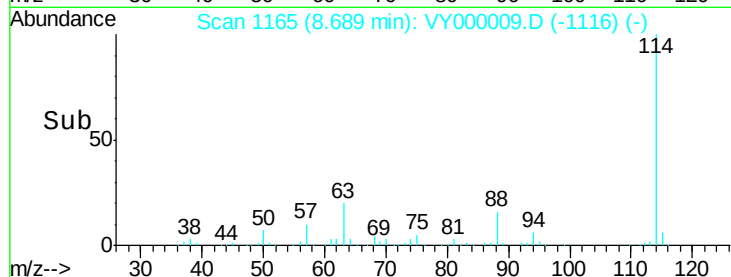
88 15.6 0.0 32.6



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: 53.359 ug/l

RT: 7.72 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VY000009.D

Acq: 11 Sep 2019 19:35

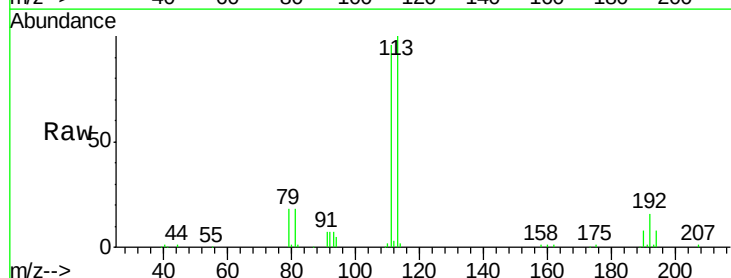
Tgt Ion:113 Resp: 79421

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

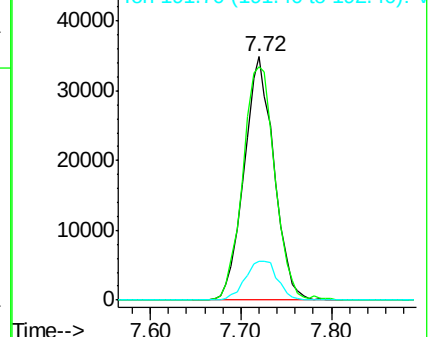
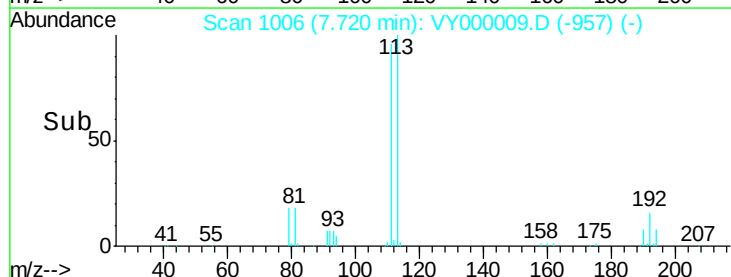
192 17.2 15.2 22.8

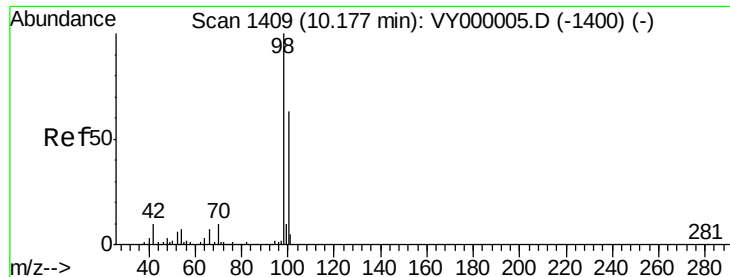


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.807 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000009.D

Acq: 11 Sep 2019 19:35

Instrument :

MSVOA_Y

ClientSampleId :

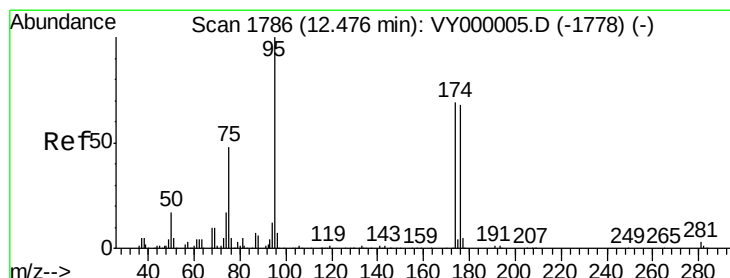
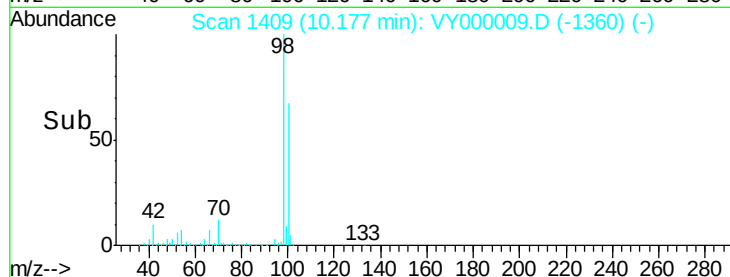
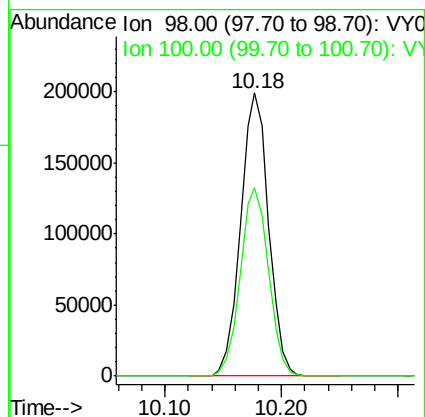
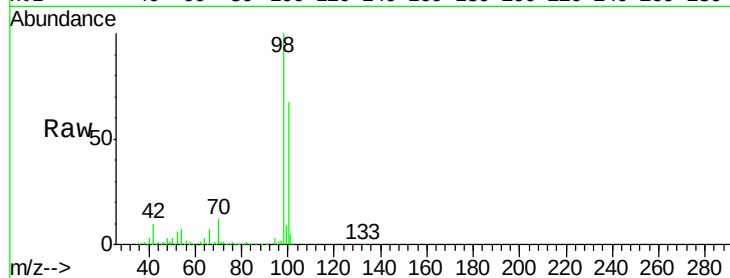
VY0911SBL01

Tot Ion: 98 Resp: 333153

Ion Ratio Lower Upper

98 100

100 67.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 51.161 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000009.D

Acq: 11 Sep 2019 19:35

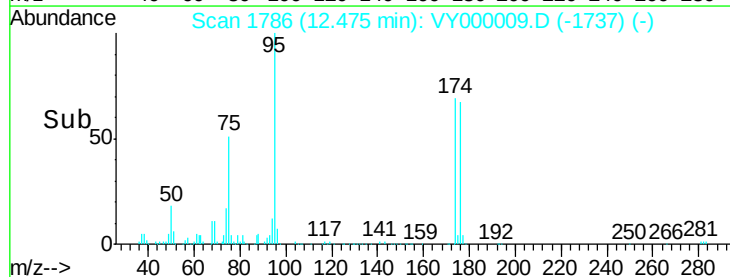
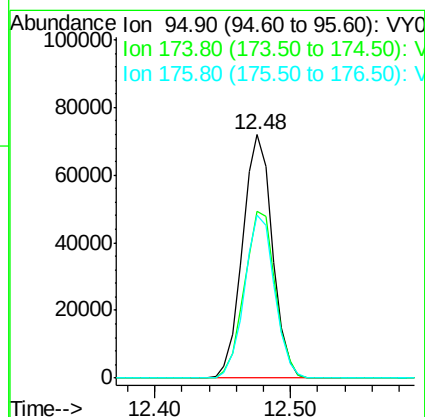
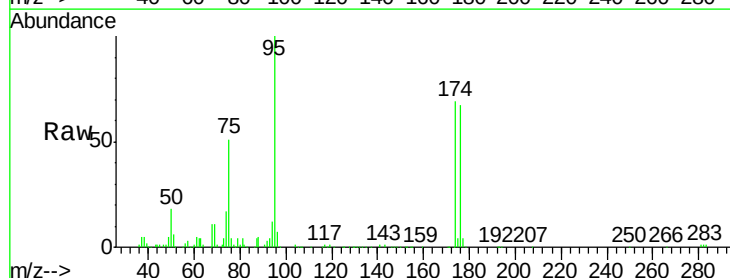
Tgt Ion: 95 Resp: 110225

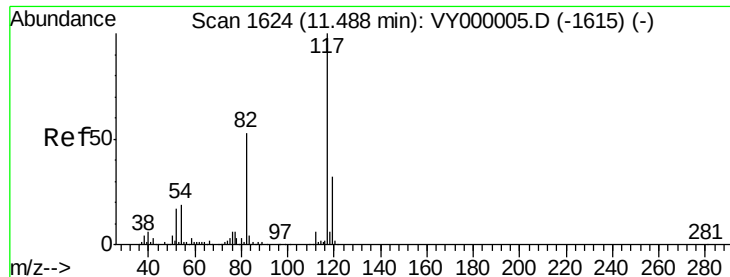
Ion Ratio Lower Upper

95 100

174 70.8 0.0 145.8

176 67.7 0.0 138.0

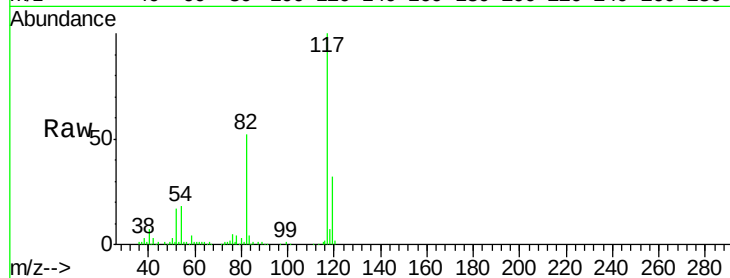




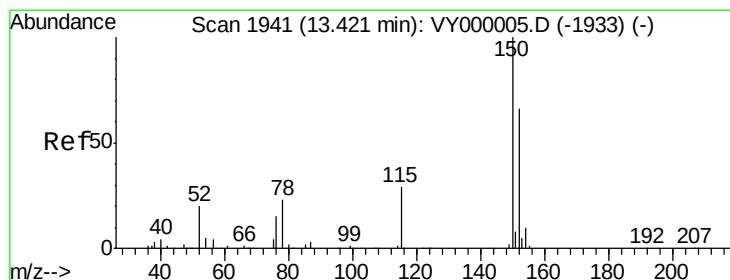
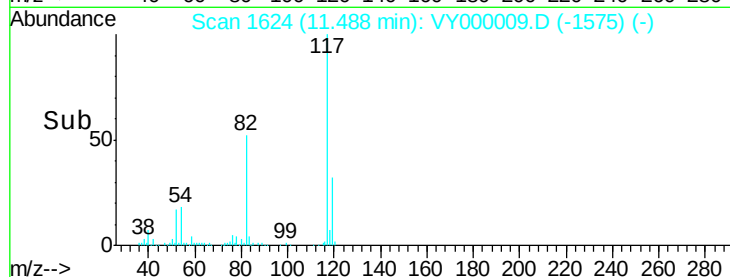
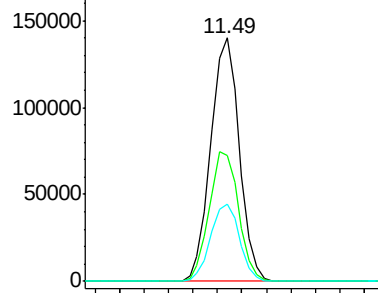
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000009.D
Acq: 11 Sep 2019 19:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBL01

Tot Ion:117 Resp: 227119
Ion Ratio Lower Upper
117 100
82 51.5 42.3 63.5
119 31.7 25.8 38.8

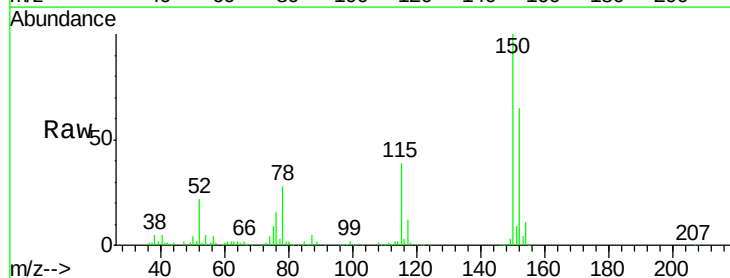


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000009.D
Acq: 11 Sep 2019 19:35

Tgt Ion:152 Resp: 95298
Ion Ratio Lower Upper
152 100
115 61.9 30.3 91.0
150 157.2 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

