

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000746.D
 Acq On : 20 Nov 2019 11:26
 Operator : SY/MD
 Sample : VY1120SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBL01

Quant Time: Nov 21 07:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	201564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	342510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	297262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128331	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115568	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.72	113	99038	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.18	98	393081	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.48	95	126997	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	

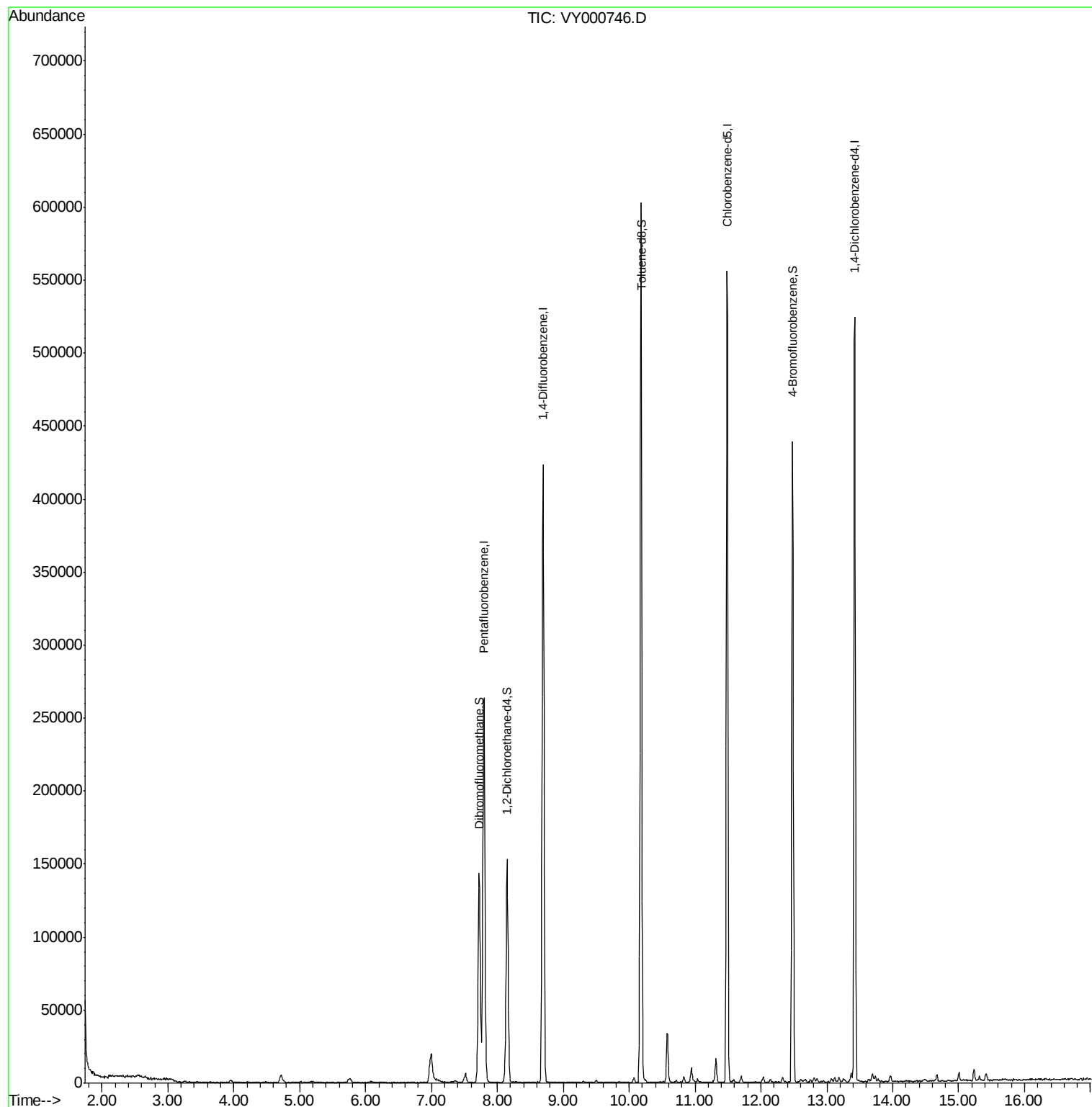
Target Compounds	Qvalue

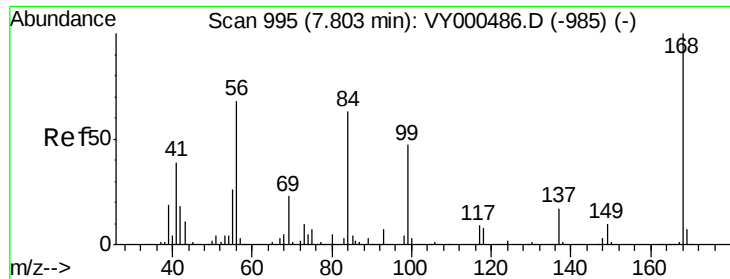
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000746.D

Acq: 20 Nov 2019 11:26

Instrument :

MSVOA_Y

ClientSampleId :

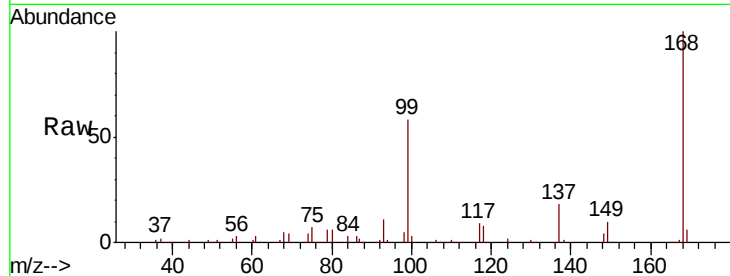
VY1120SBL01

Tot Ion:168 Resp: 201564

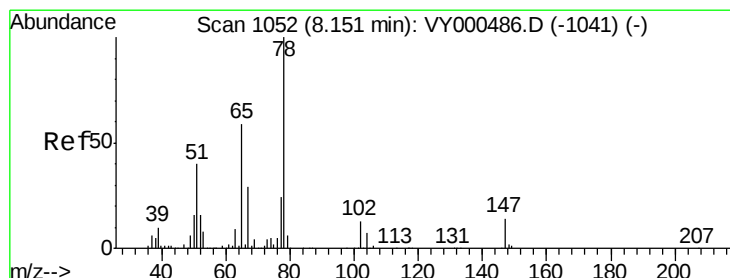
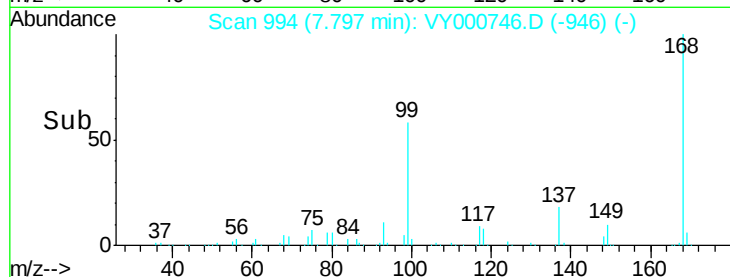
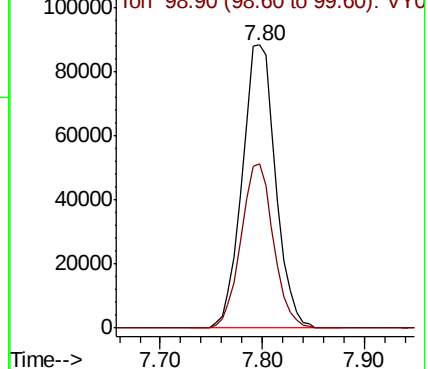
Ion Ratio Lower Upper

168 100

99 58.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000746.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.404 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000746.D

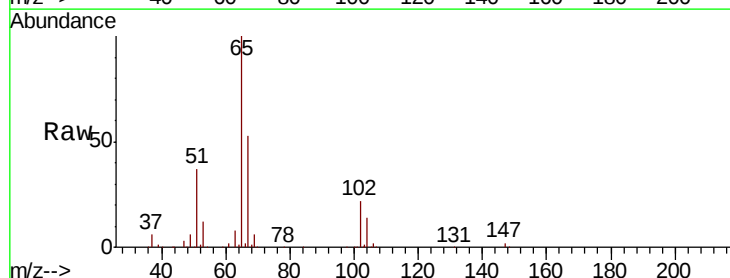
Acq: 20 Nov 2019 11:26

Tgt Ion: 65 Resp: 115568

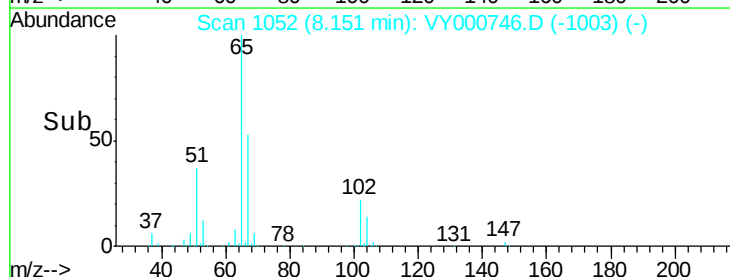
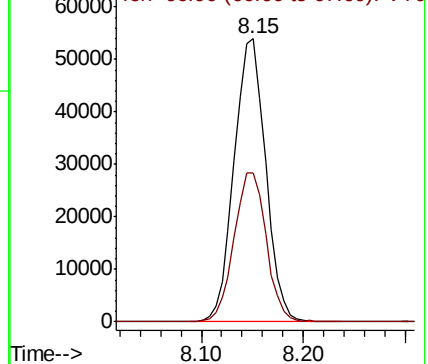
Ion Ratio Lower Upper

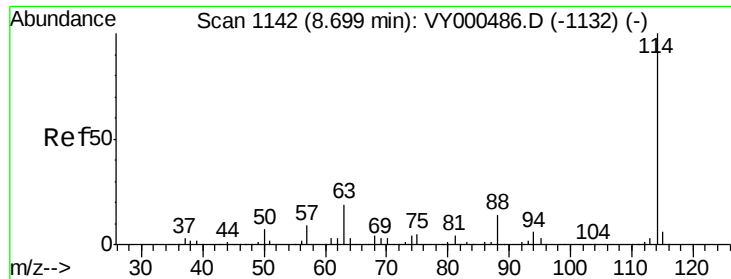
65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000746.D (-1003) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000746.D

Acq: 20 Nov 2019 11:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBL01

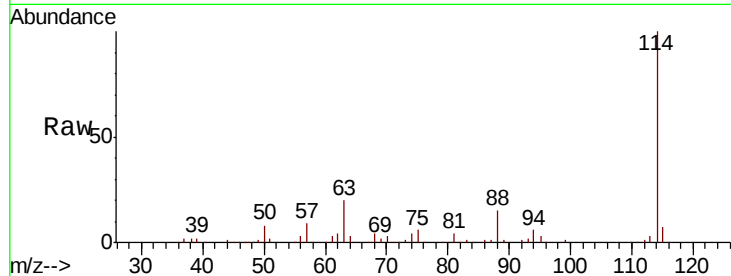
Tot Ion:114 Resp: 342510

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

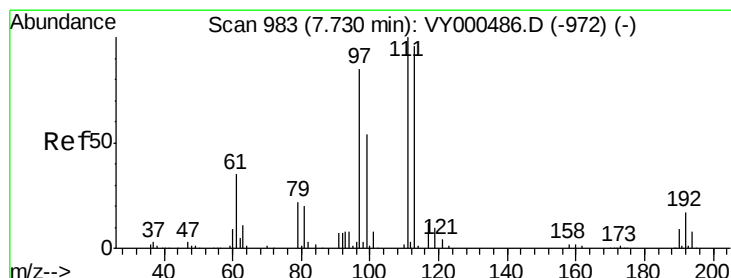
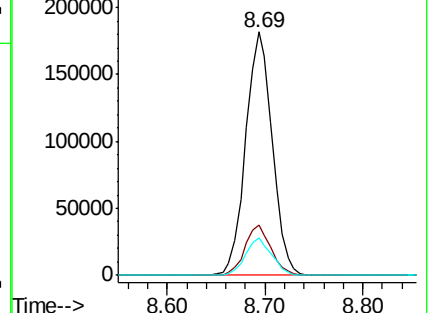
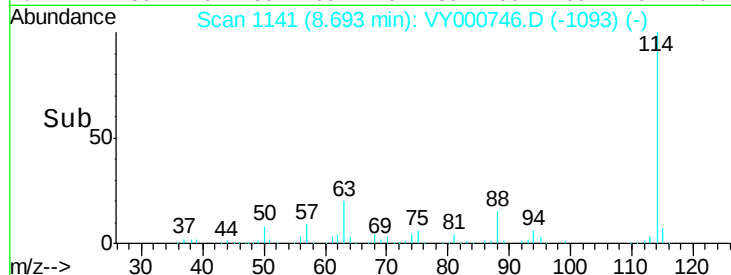
88 15.2 0.0 28.6



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: 49.254 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000746.D

Acq: 20 Nov 2019 11:26

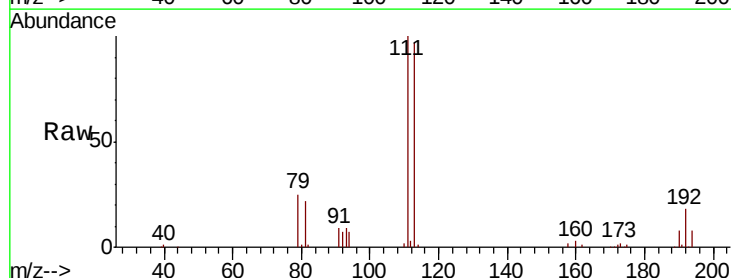
Tgt Ion:113 Resp: 99038

Ion Ratio Lower Upper

113 100

111 104.6 81.7 122.5

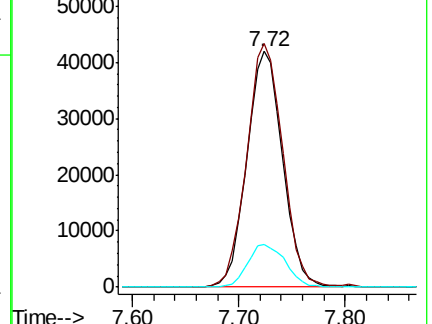
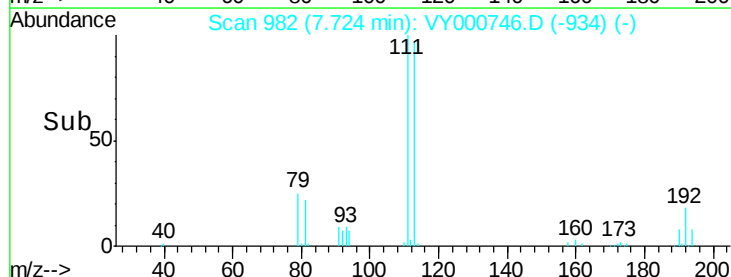
192 19.0 15.0 22.4

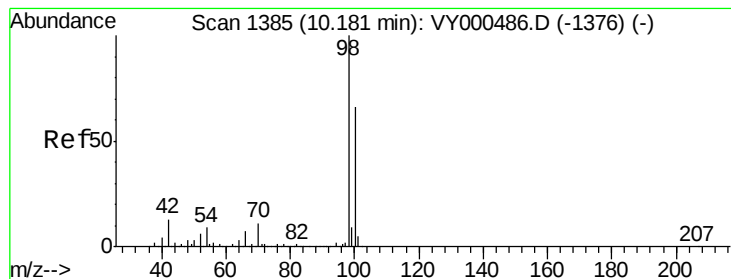


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.520 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000746.D

Acq: 20 Nov 2019 11:26

Instrument :

MSVOA_Y

ClientSampleId :

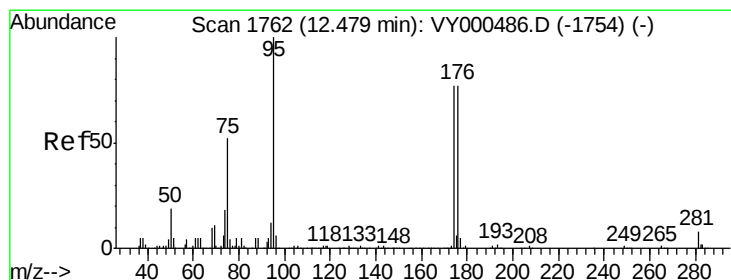
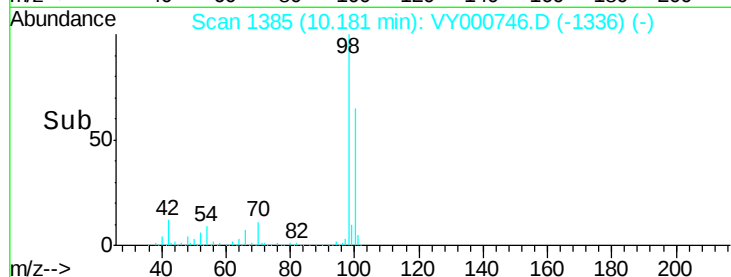
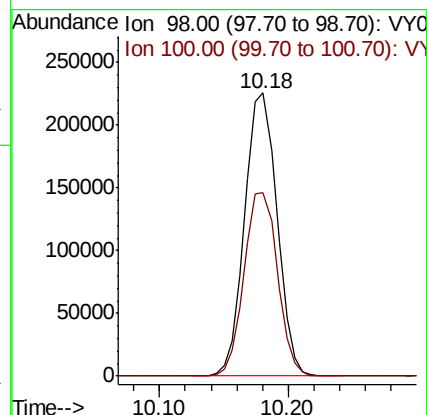
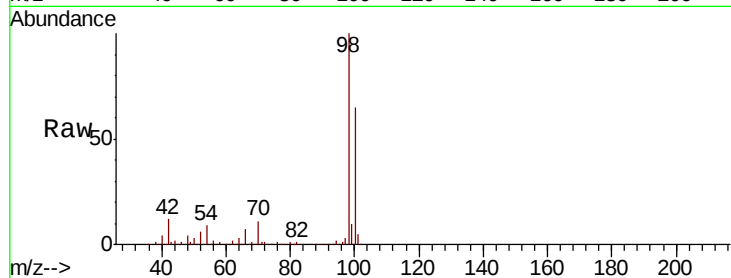
VY1120SBL01

Tot Ion: 98 Resp: 393081

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 43.723 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000746.D

Acq: 20 Nov 2019 11:26

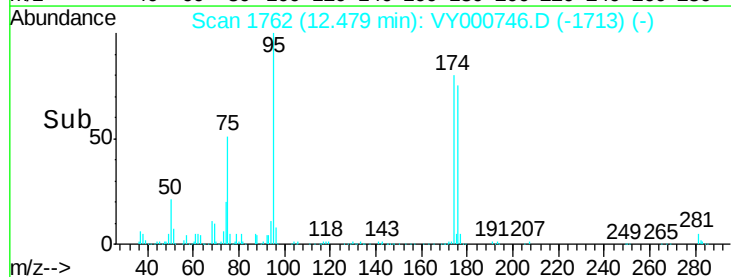
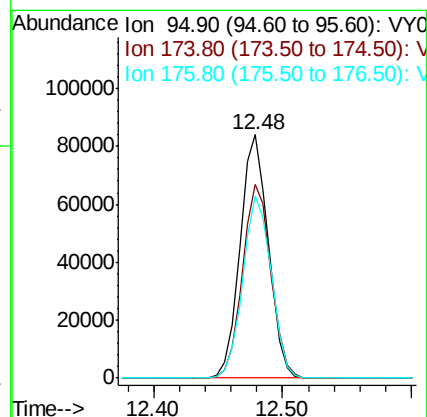
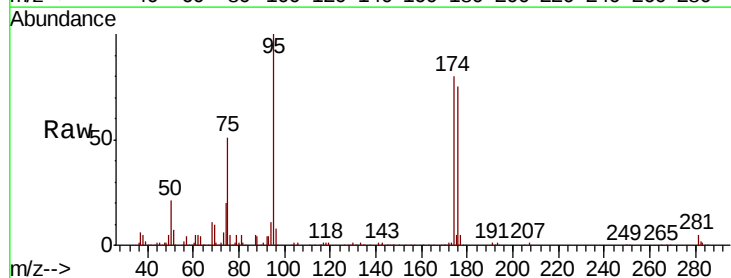
Tgt Ion: 95 Resp: 126997

Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

176 75.6 0.0 157.8

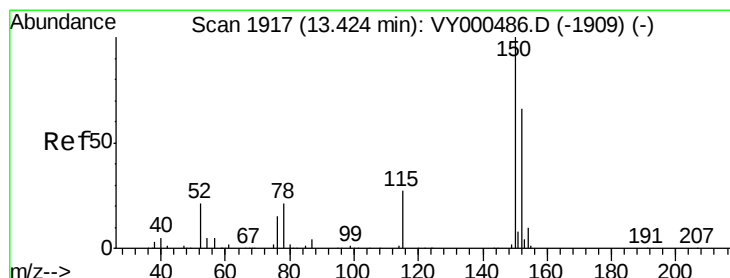
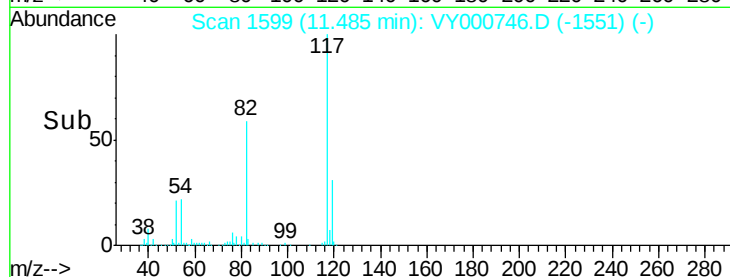
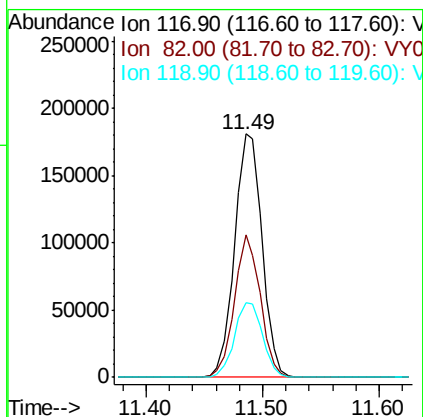
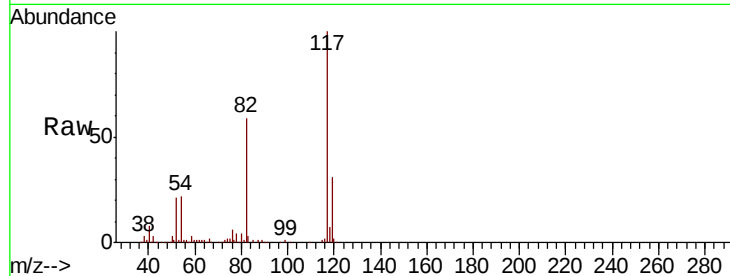




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000746.D
Acq: 20 Nov 2019 11:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBL01

Tot Ion:117 Resp: 297262
Ion Ratio Lower Upper
117 100
82 58.6 40.8 61.2
119 30.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000746.D
Acq: 20 Nov 2019 11:26

Tgt Ion:152 Resp: 128331
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 154.0 0.0 348.8

