

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121919\
 Data File : VY001007.D
 Acq On : 19 Dec 2019 11:54
 Operator : SY/MD
 Sample : VY1219SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1219SBL01

Quant Time: Dec 20 08:20:41 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	245359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	452766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	403424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	174345	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	137552	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.72	113	131917	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.17	98	532039	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.48	95	177873	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	

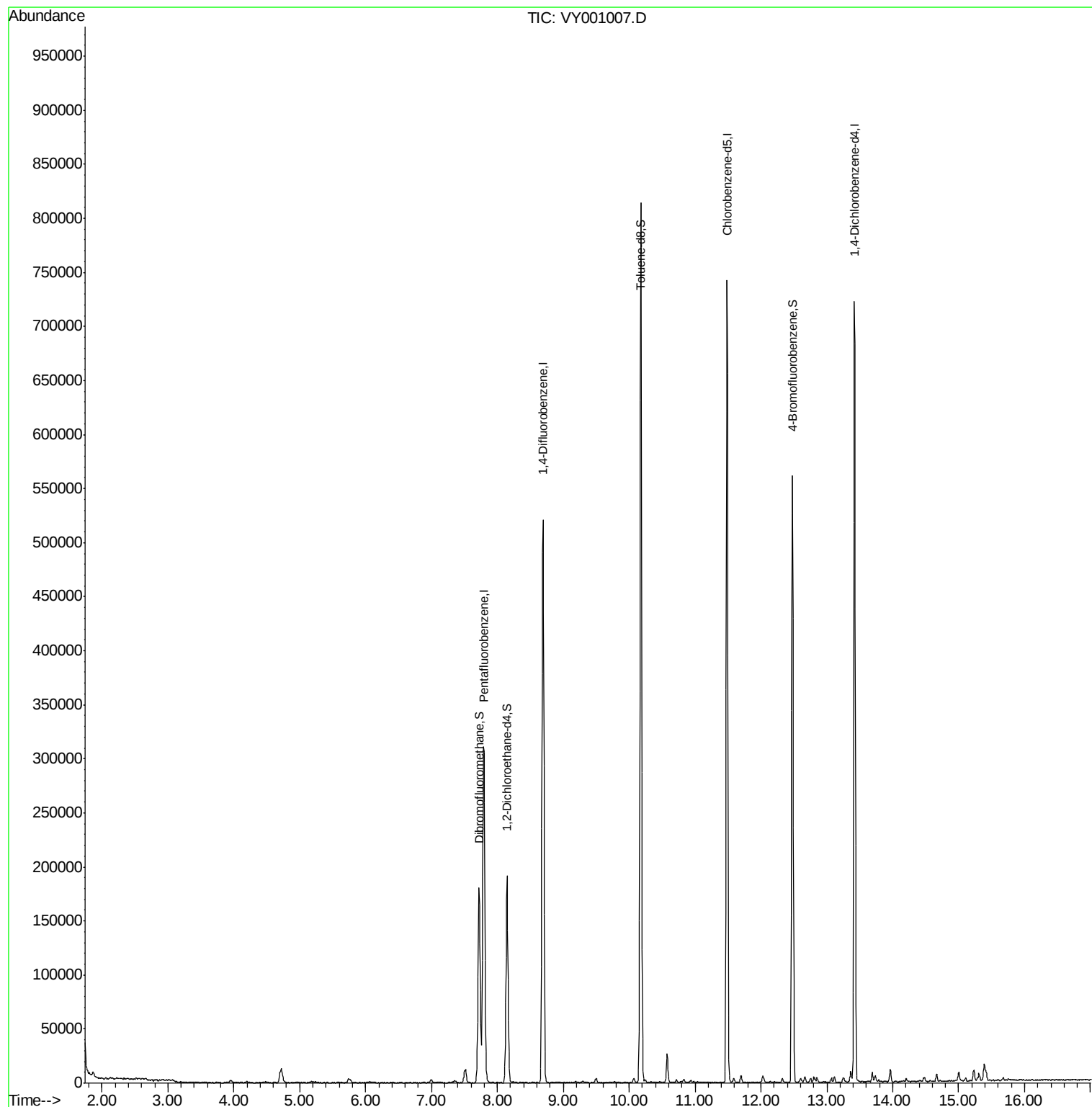
Target Compounds	Qvalue

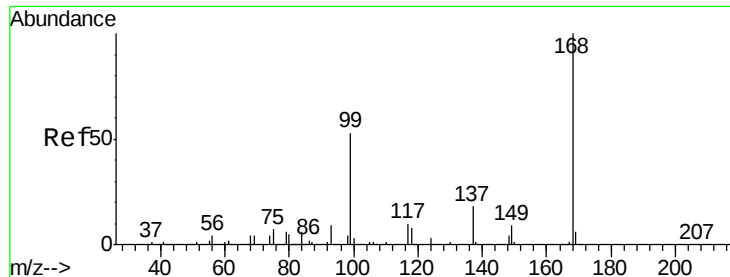
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001007.D

Acq: 19 Dec 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

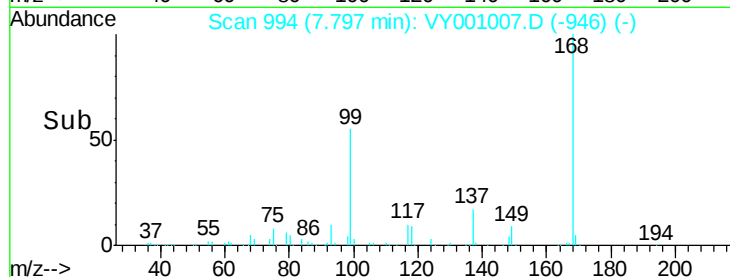
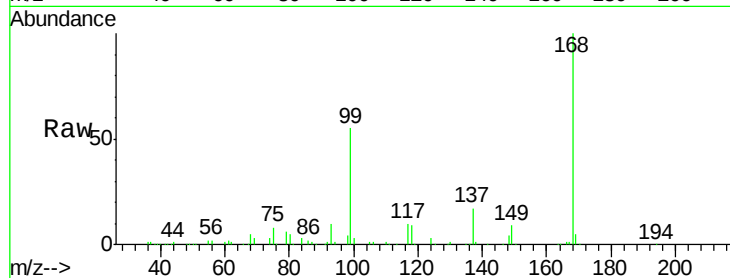
VY1219SBL01

Tot Ion:168 Resp: 245359

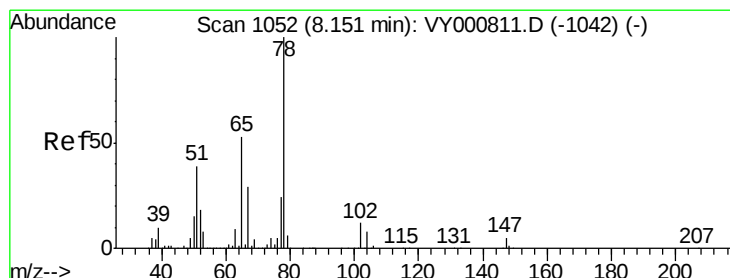
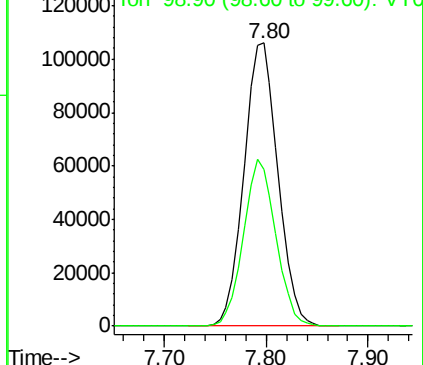
Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY001007.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.760 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY001007.D

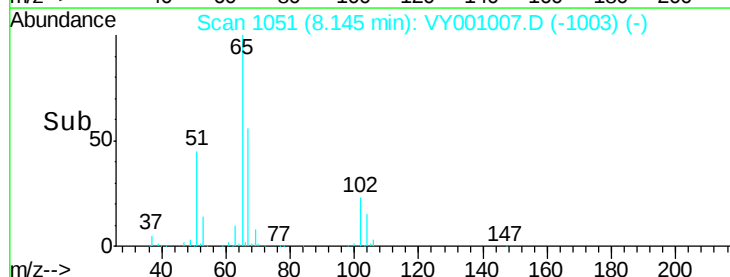
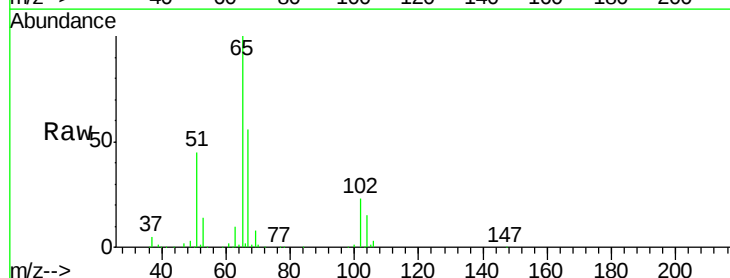
Acq: 19 Dec 2019 11:54

Tgt Ion: 65 Resp: 137552

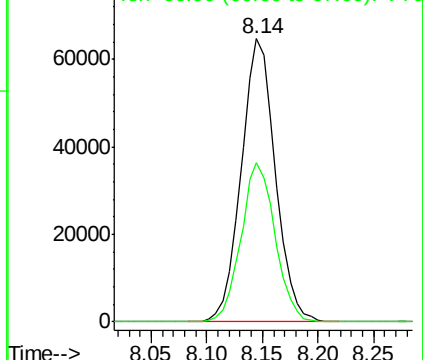
Ion Ratio Lower Upper

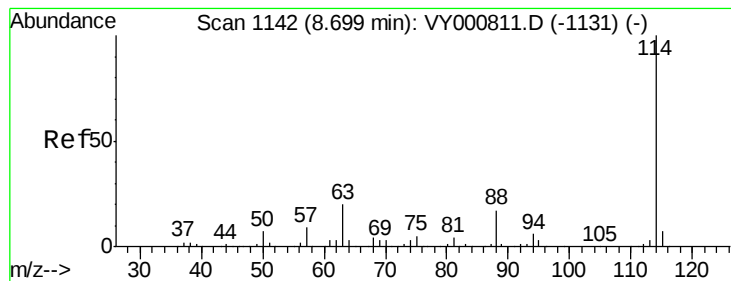
65 100

67 56.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY001007.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: VY001007.D

Acq: 19 Dec 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1219SBL01

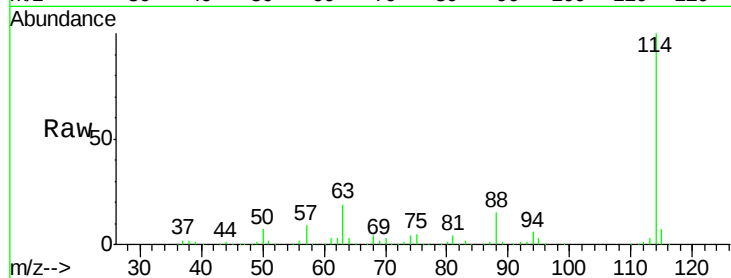
Tot Ion:114 Resp: 452766

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.8

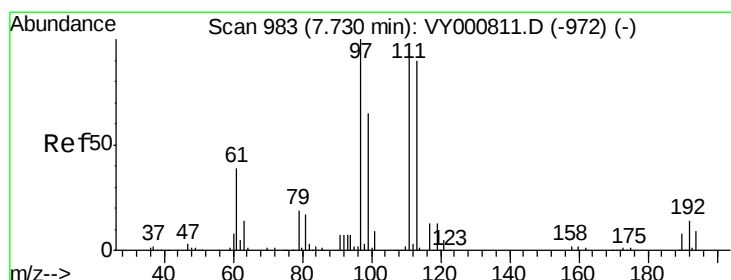
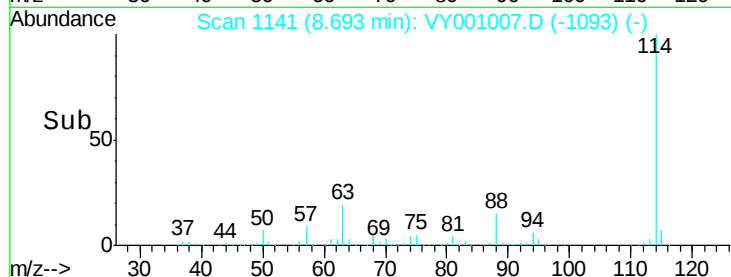
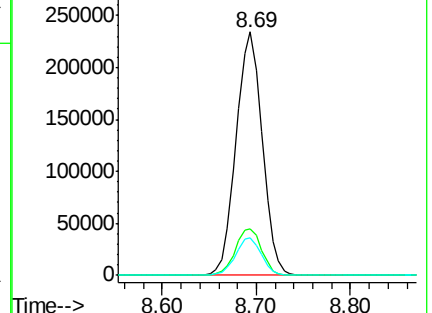
88 15.3 0.0 33.2



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: 49.993 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY001007.D

Acq: 19 Dec 2019 11:54

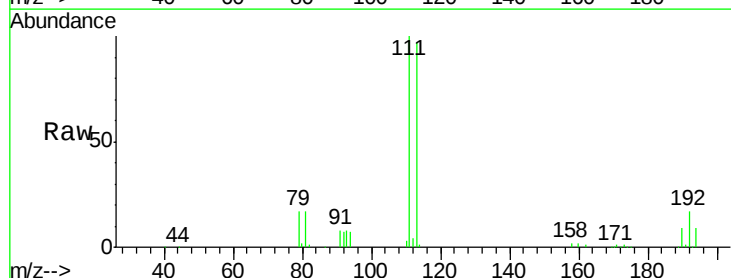
Tgt Ion:113 Resp: 131917

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

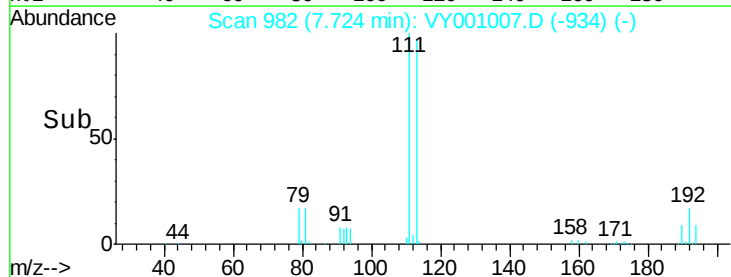
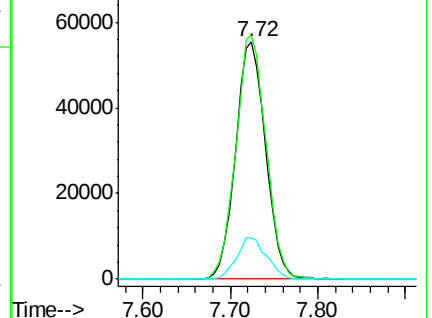
192 17.6 14.2 21.2



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: 50.433 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY001007.D

Acq: 19 Dec 2019 11:54

Instrument :

MSVOA_Y

ClientSampleId :

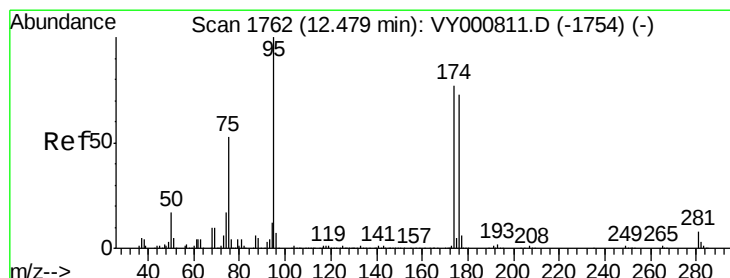
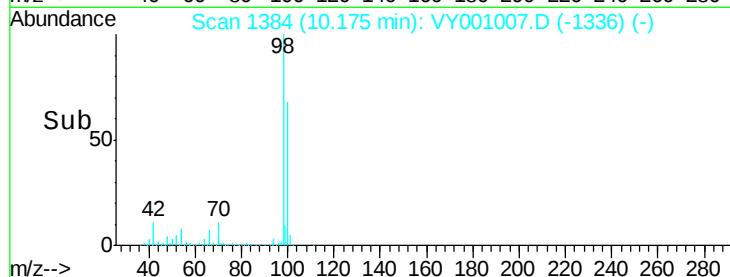
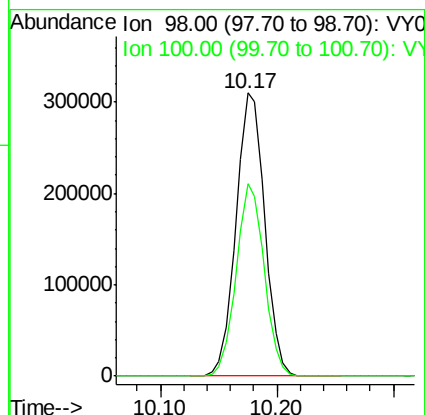
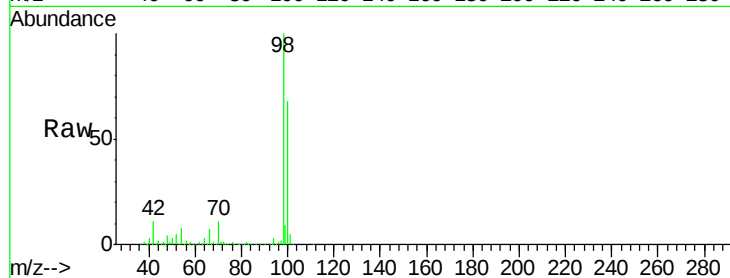
VY1219SBL01

Tot Ion: 98 Resp: 532039

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.896 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001007.D

Acq: 19 Dec 2019 11:54

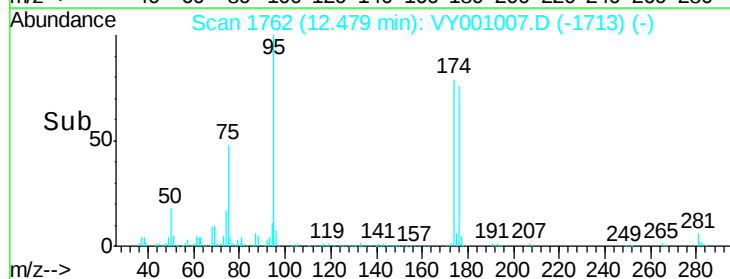
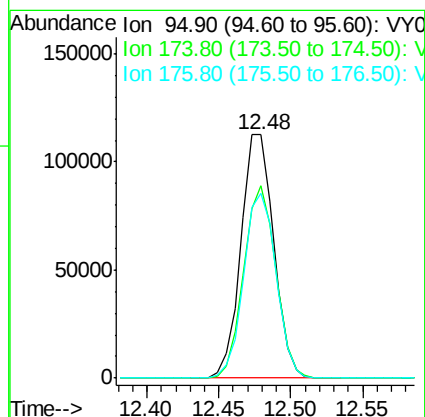
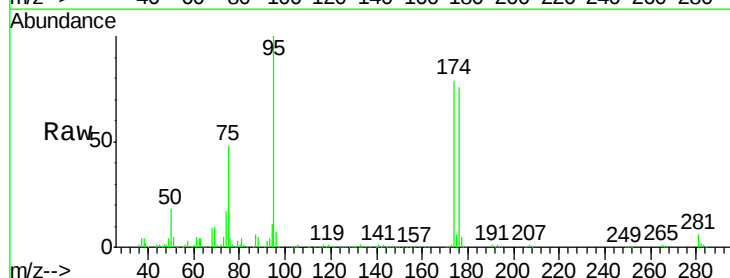
Tgt Ion: 95 Resp: 177873

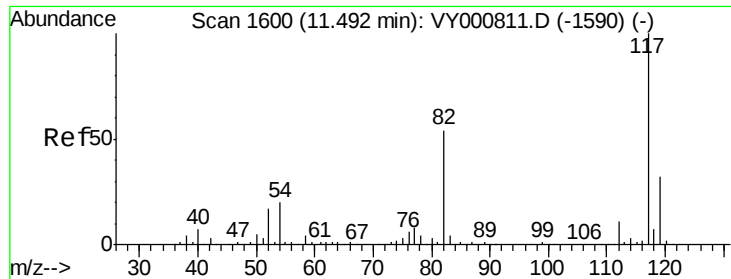
Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

176 74.9 0.0 145.2

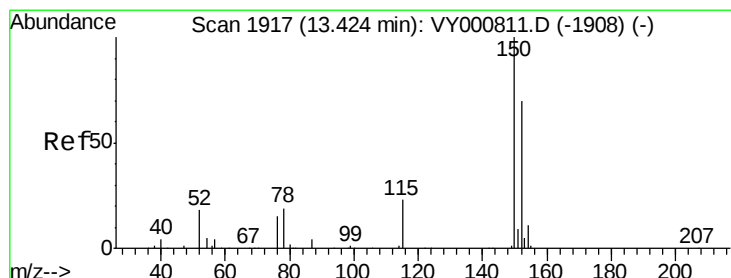
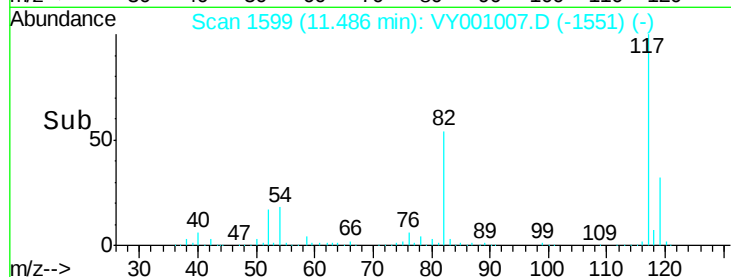
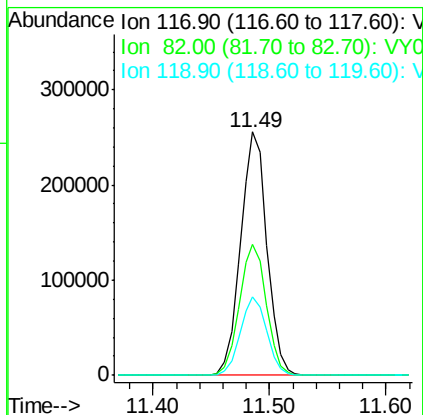
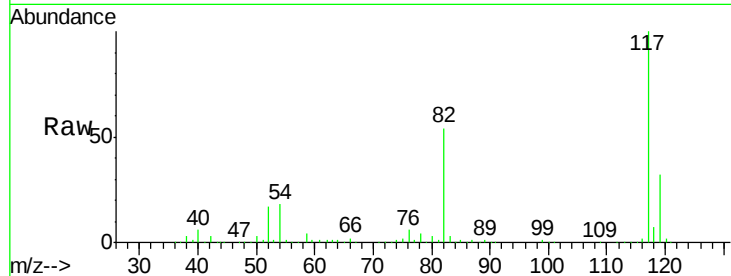




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001007.D
Acq: 19 Dec 2019 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1219SBL01

Tot Ion:117 Resp: 403424
Ion Ratio Lower Upper
117 100
82 53.6 43.1 64.7
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001007.D
Acq: 19 Dec 2019 11:54

Tgt Ion:152 Resp: 174345
Ion Ratio Lower Upper
152 100
115 59.7 29.3 87.8
150 160.8 0.0 351.2

