

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000272.D
 Acq On : 11 Oct 2019 15:42
 Operator : SY/MD
 Sample : VY1011SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBL01

Quant Time: Oct 14 08:16:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	228512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	403721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	323352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	127304	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130547	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
35) Dibromofluoromethane	7.73	113	117325	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.19	98	436792	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.49	95	140826	39.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.14%	

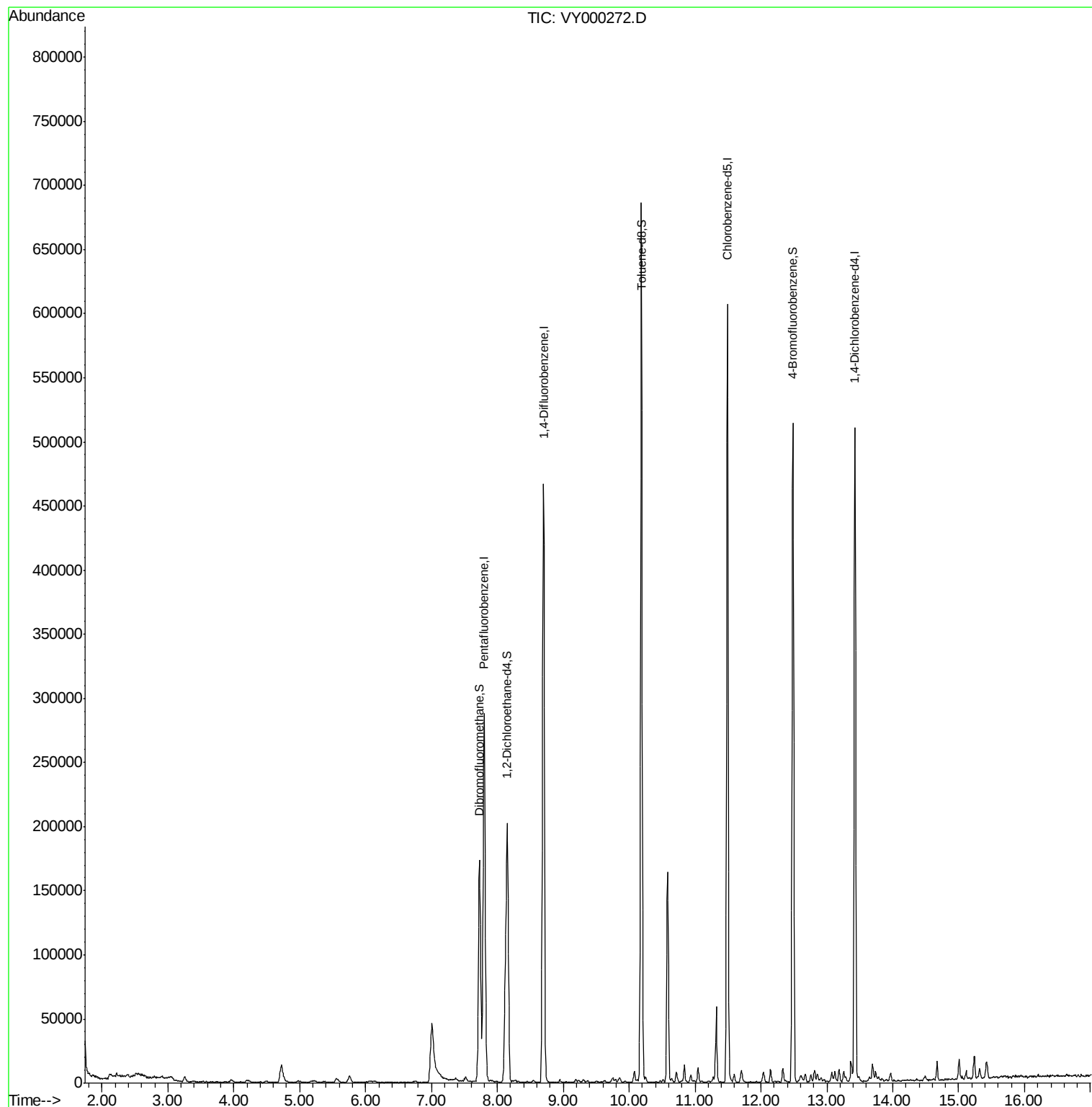
Target Compounds	Qvalue

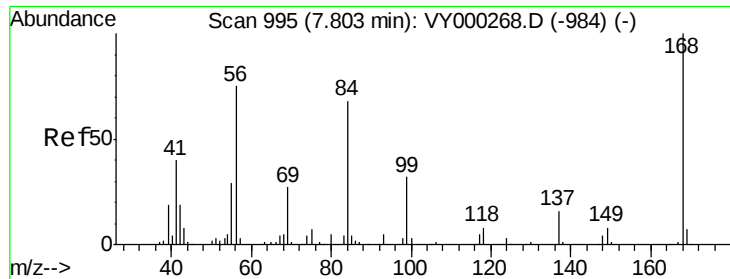
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
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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: VY000272.D

Acq: 11 Oct 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

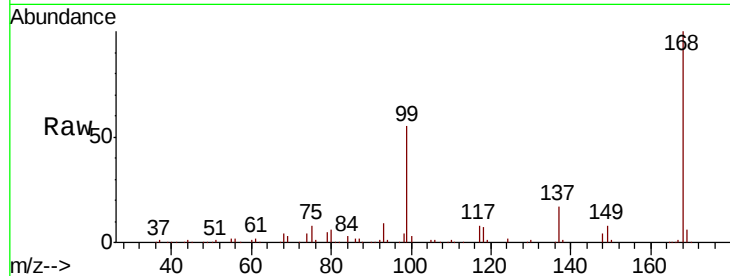
VY1011SBL01

Tot Ion:168 Resp: 228512

Ion Ratio Lower Upper

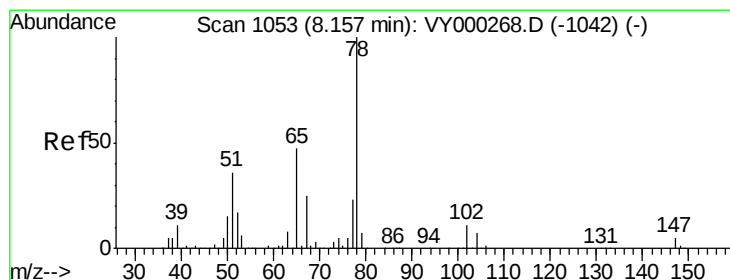
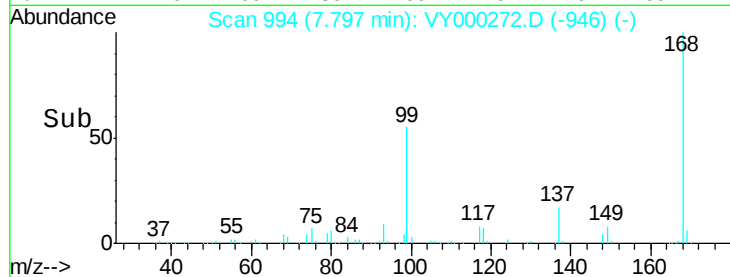
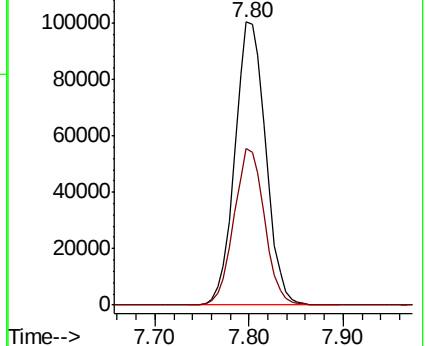
168 100

99 55.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000272.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000272.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.159 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000272.D

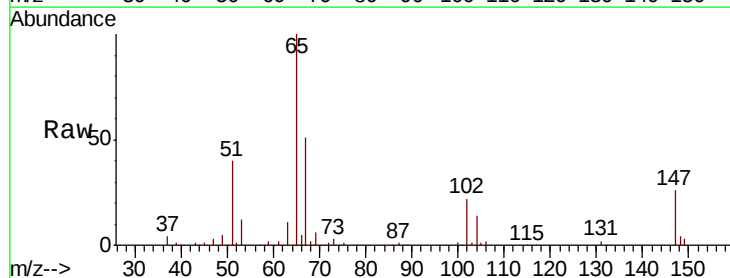
Acq: 11 Oct 2019 15:42

Tgt Ion: 65 Resp: 130547

Ion Ratio Lower Upper

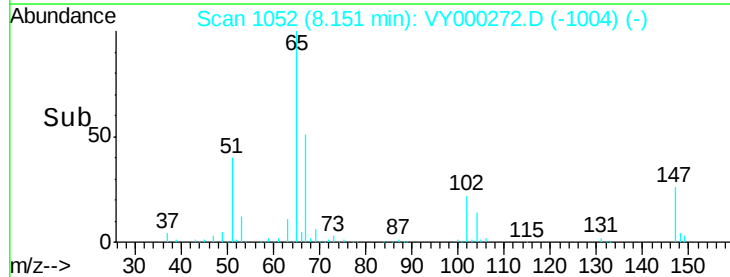
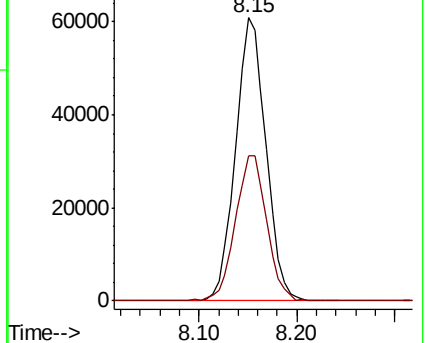
65 100

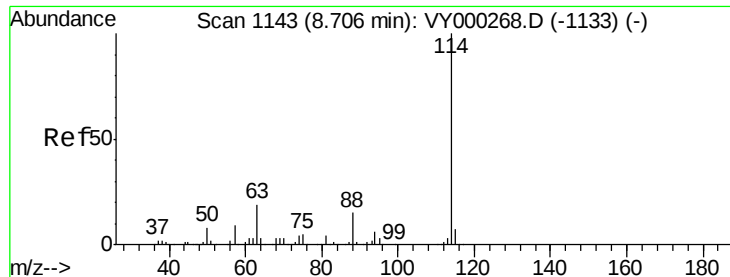
67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000272.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000272.D (-1004) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000272.D

Acq: 11 Oct 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBL01

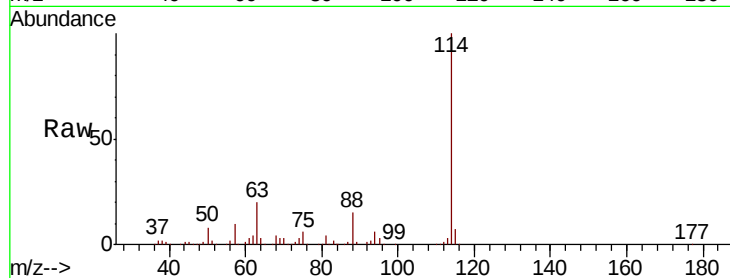
Tot Ion:114 Resp: 403721

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.2

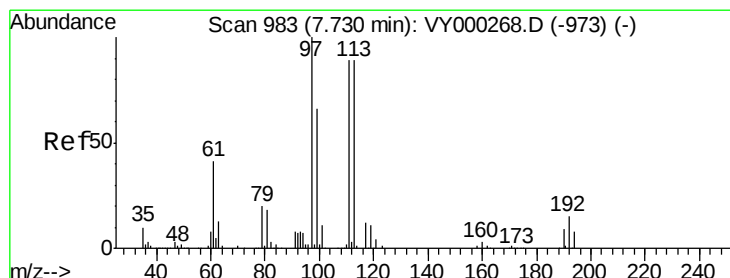
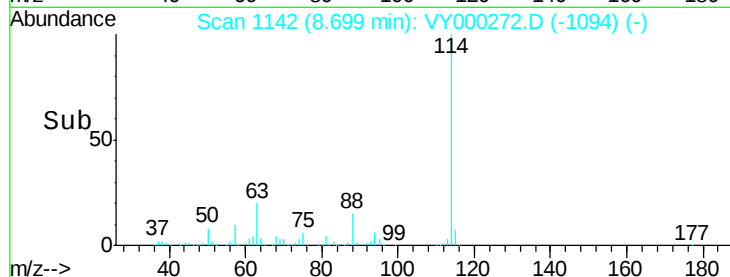
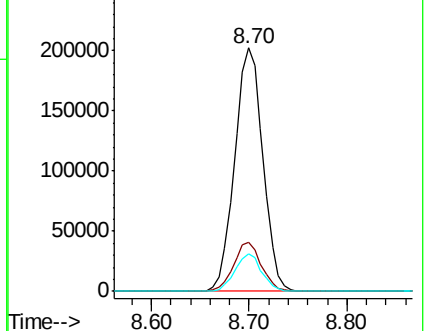
88 15.3 0.0 30.2



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: 48.177 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000272.D

Acq: 11 Oct 2019 15:42

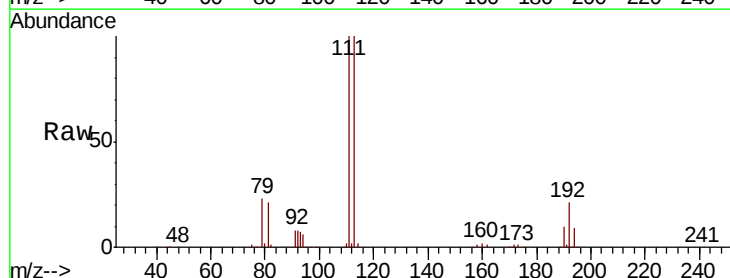
Tgt Ion:113 Resp: 117325

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

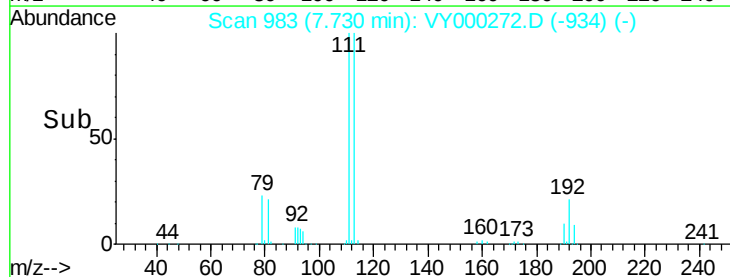
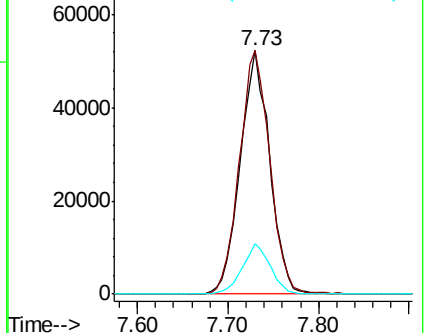
192 19.6 15.3 22.9

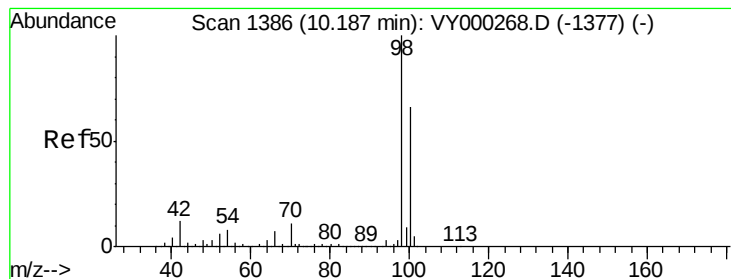


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.626 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000272.D

Acq: 11 Oct 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

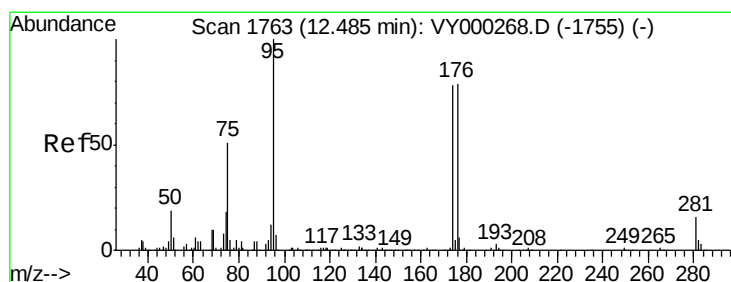
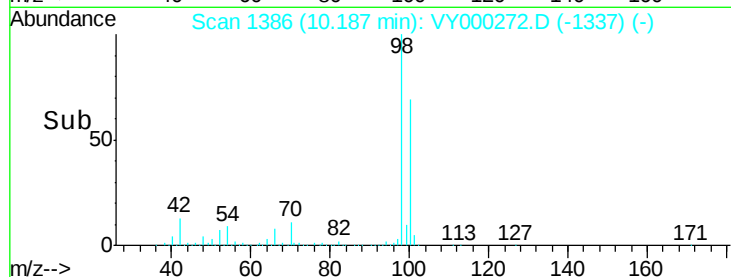
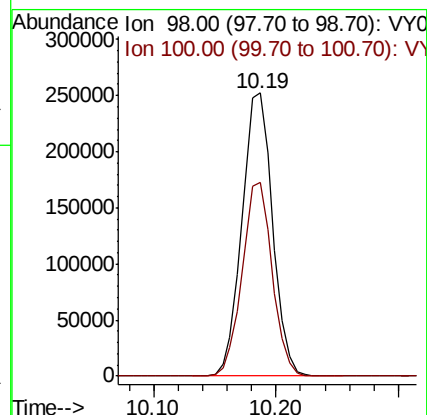
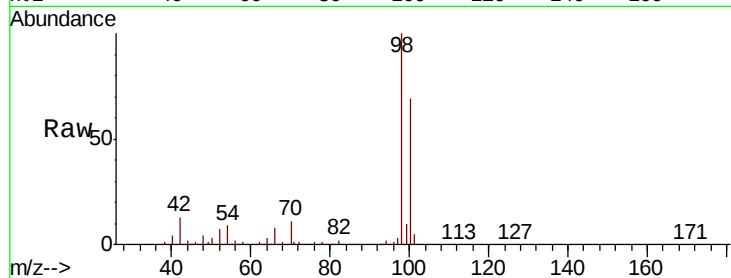
VY1011SBL01

Tot Ion: 98 Resp: 436792

Ion Ratio Lower Upper

98 100

100 67.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 39.569 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY000272.D

Acq: 11 Oct 2019 15:42

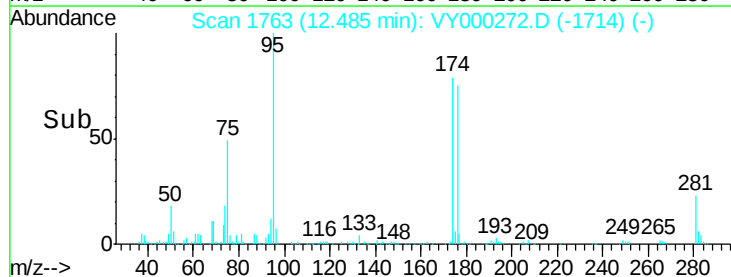
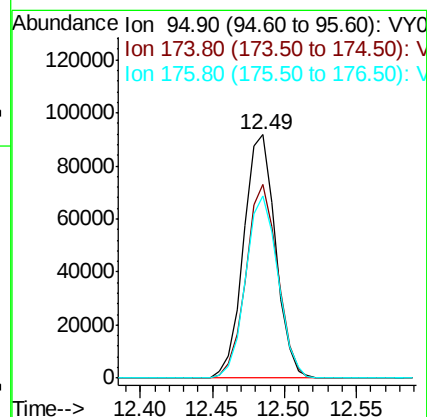
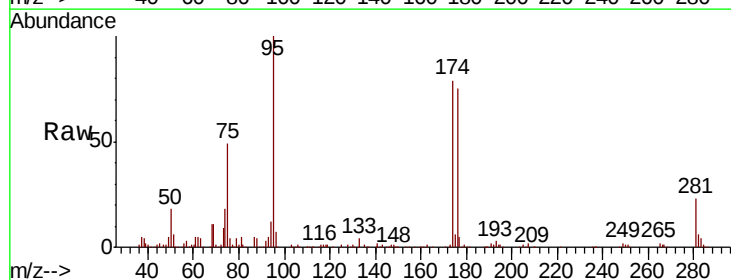
Tgt Ion: 95 Resp: 140826

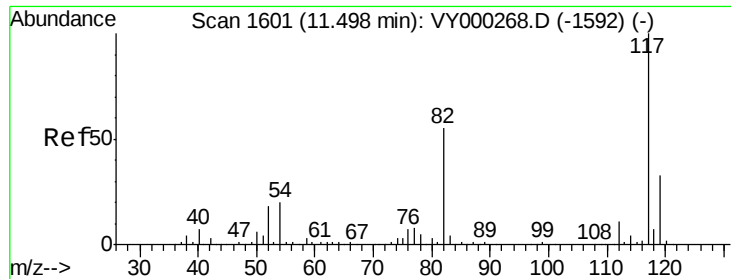
Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.6

176 75.7 0.0 153.8

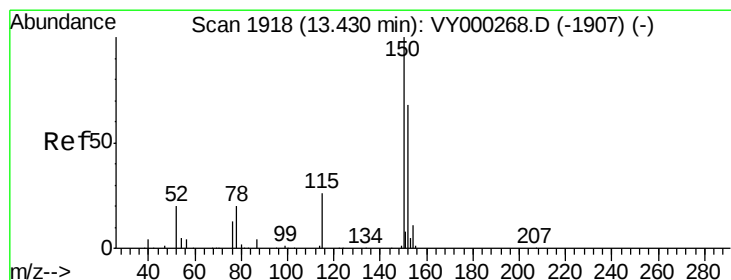
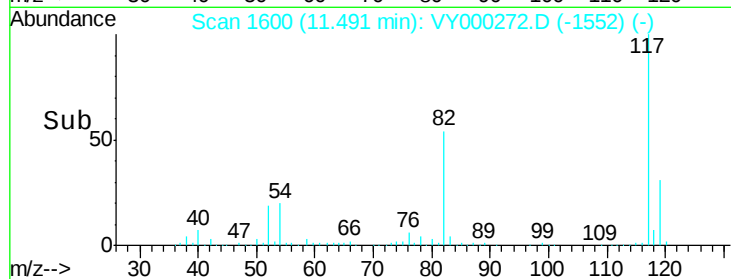
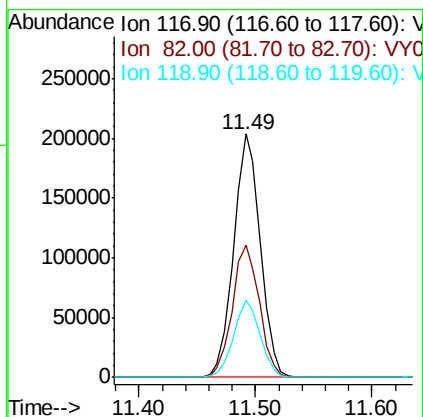
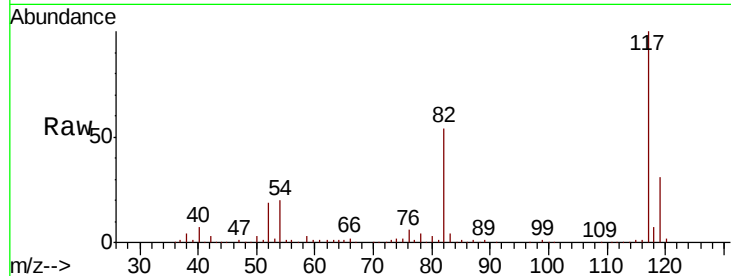




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampled :
VY1011SBL01

Tot Ion:117 Resp: 323352
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY000272.D
Acq: 11 Oct 2019 15:42

Tgt Ion:152 Resp: 127304
Ion Ratio Lower Upper
152 100
115 58.4 29.3 88.0
150 158.1 0.0 348.4

