

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000833.D
 Acq On : 03 Dec 2019 11:01
 Operator : SY/MD
 Sample : VY1203SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1203SBL01

Quant Time: Dec 03 12:07:52 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	273866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	512469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	450857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	165005	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
35) Dibromofluoromethane	7.72	113	151753	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.18	98	591490	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.48	95	206345	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

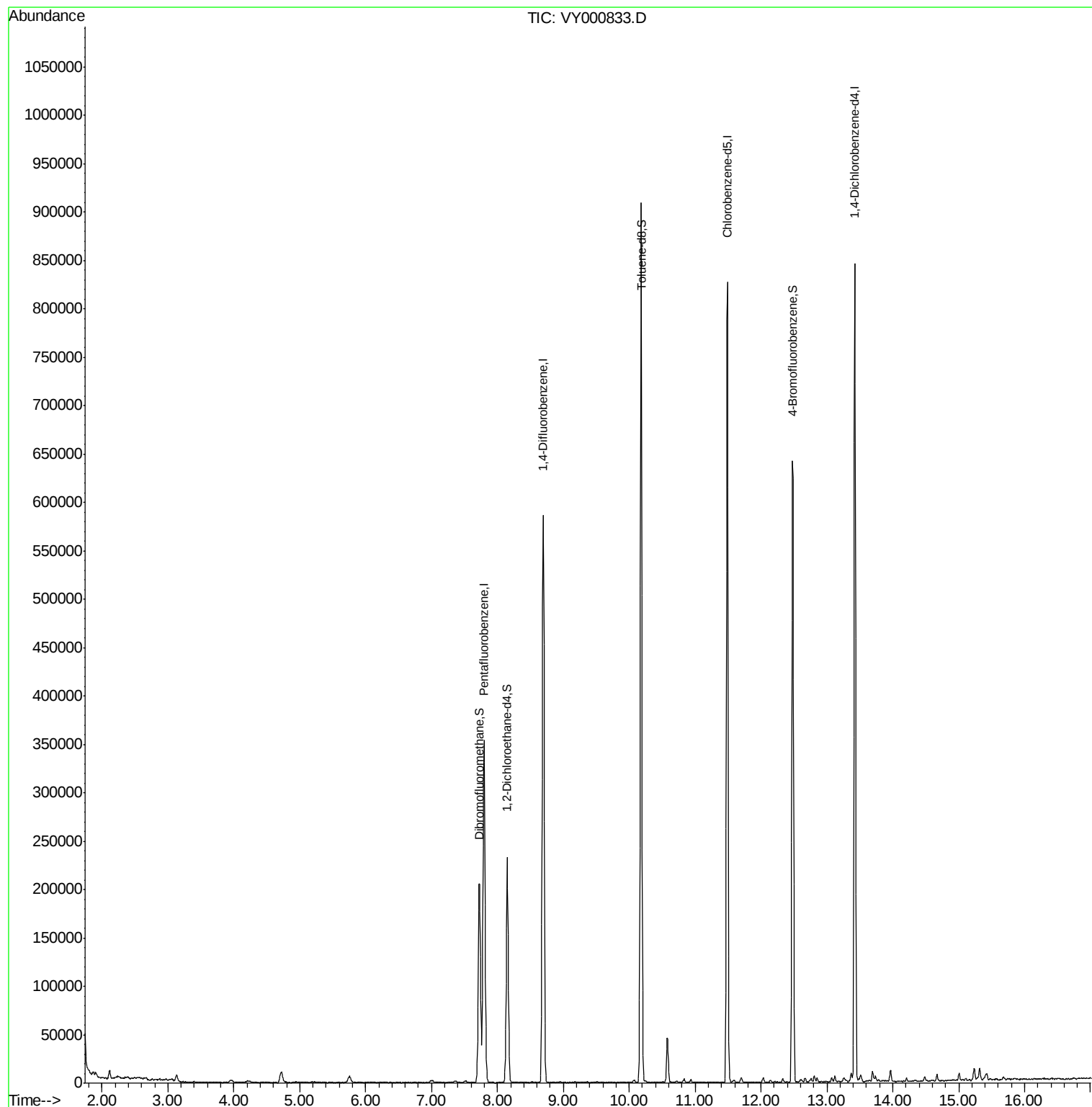
Target Compounds	Qvalue

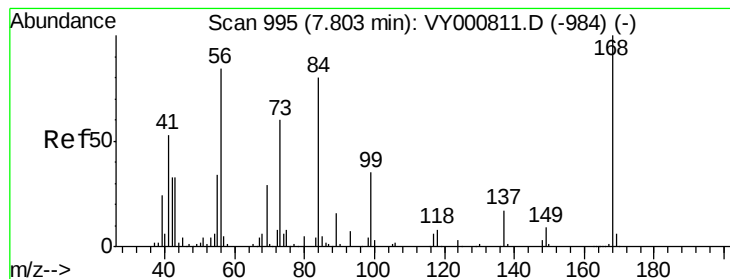
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000833.D

Acq: 03 Dec 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

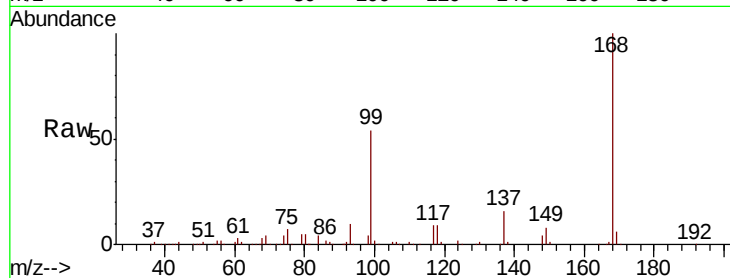
VY1203SBL01

Tot Ion:168 Resp: 273866

Ion Ratio Lower Upper

168 100

99 54.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000833.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000833.D (-946) (-)

7.80

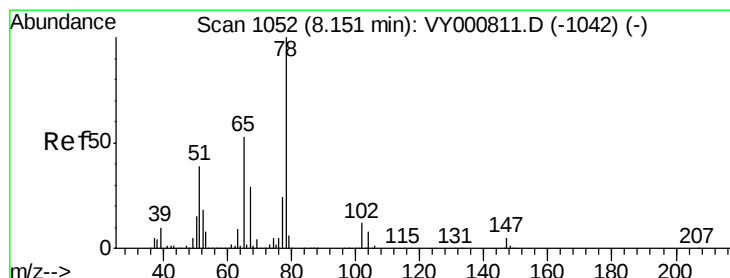
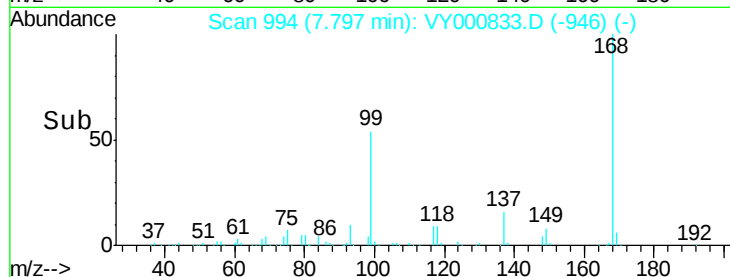
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.702 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000833.D

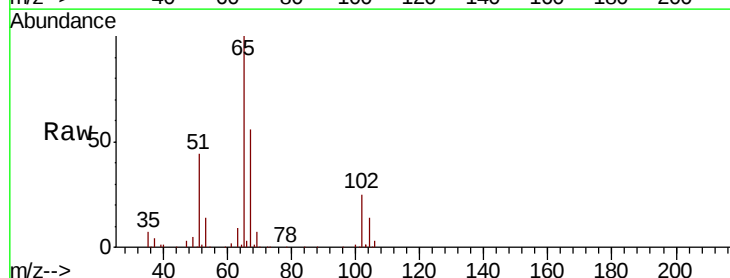
Acq: 03 Dec 2019 11:01

Tgt Ion: 65 Resp: 165005

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000833.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000833.D (-1003) (-)

8.15

80000

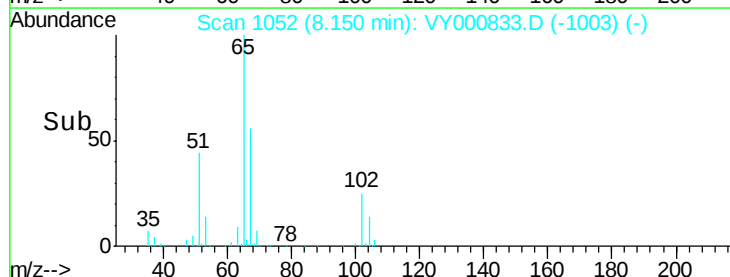
60000

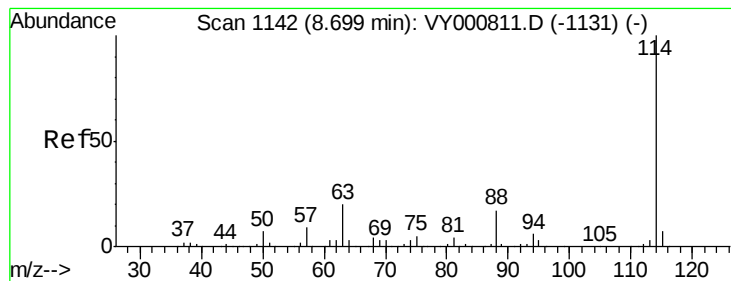
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000833.D

Acq: 03 Dec 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1203SBL01

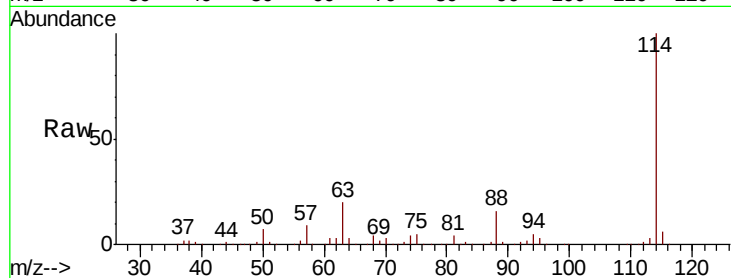
Tot Ion:114 Resp: 512469

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

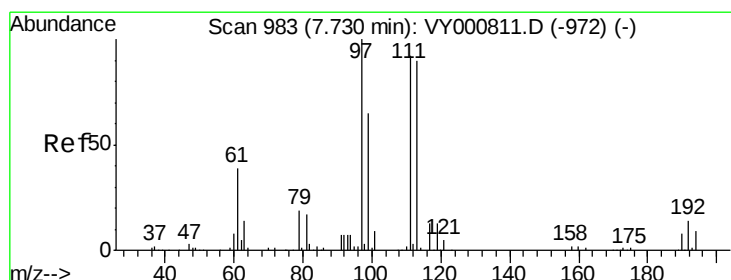
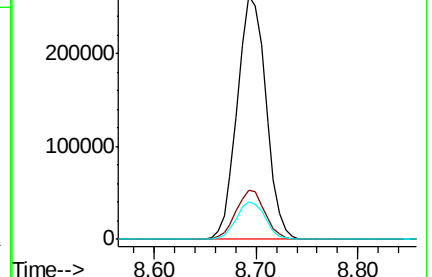
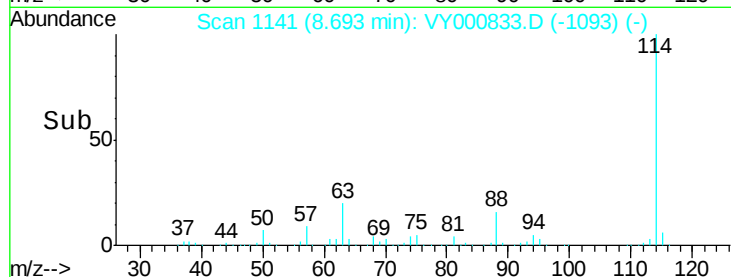
88 15.6 0.0 33.2



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: 50.810 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000833.D

Acq: 03 Dec 2019 11:01

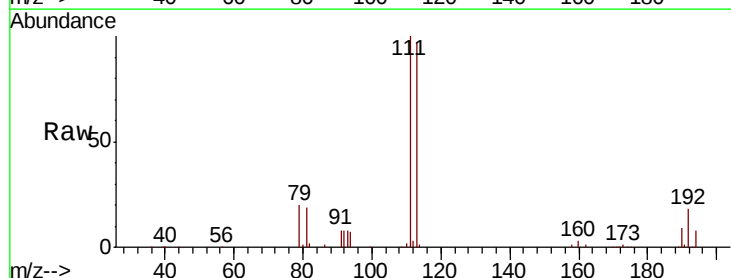
Tgt Ion:113 Resp: 151753

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

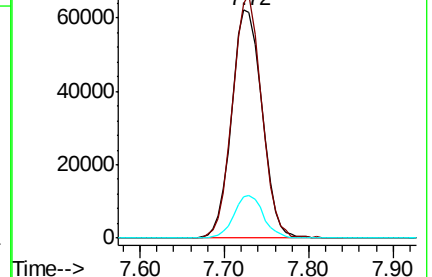
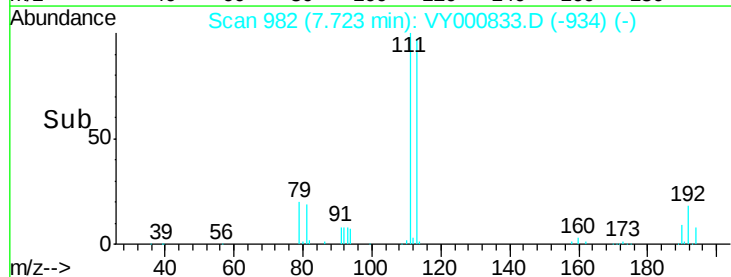
192 18.0 14.2 21.2



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: 49.536 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000833.D

Acq: 03 Dec 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

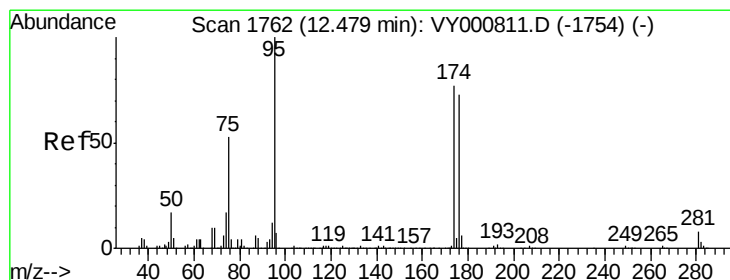
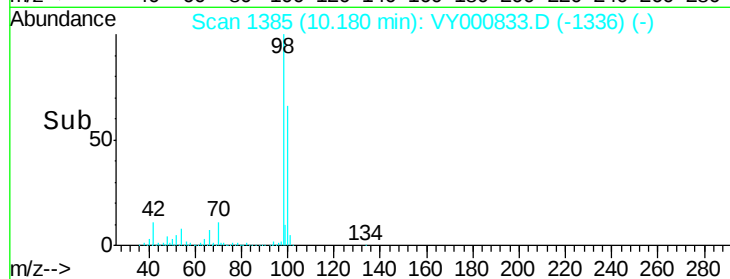
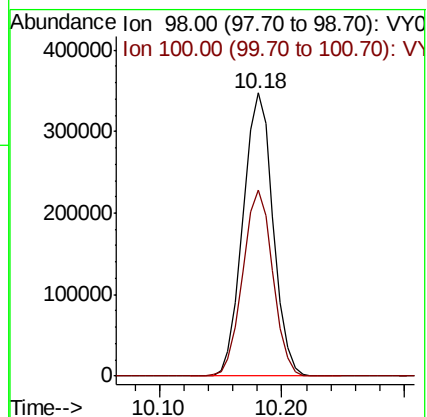
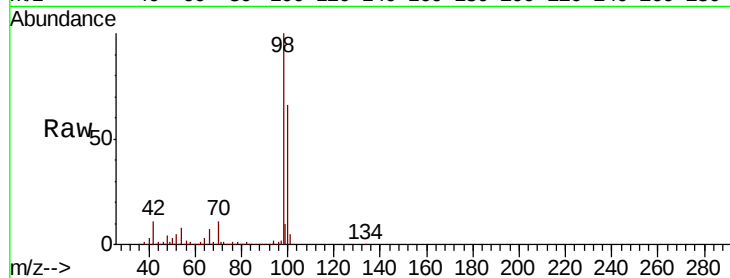
VY1203SBL01

Tot Ion: 98 Resp: 591490

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.015 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000833.D

Acq: 03 Dec 2019 11:01

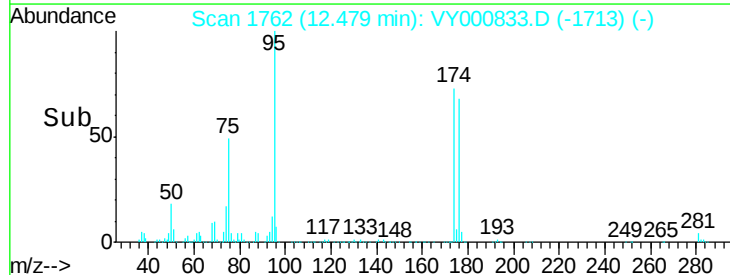
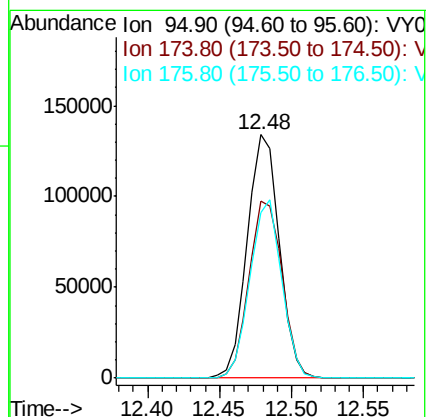
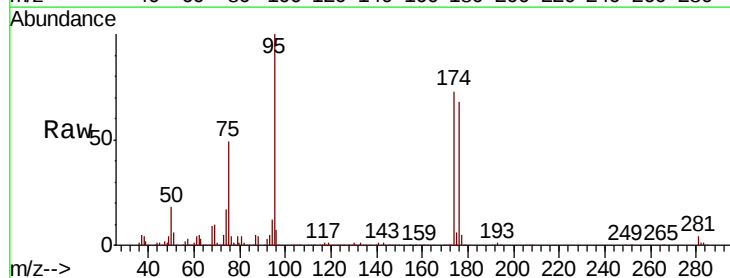
Tgt Ion: 95 Resp: 206345

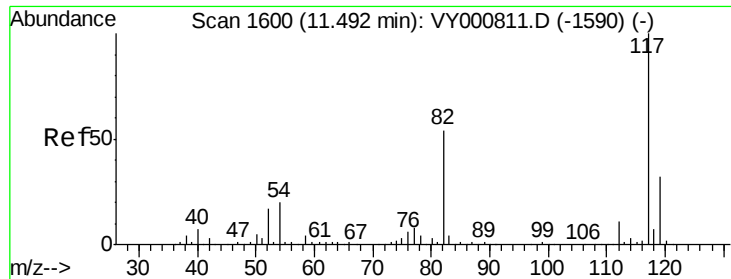
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.6

176 72.1 0.0 145.2

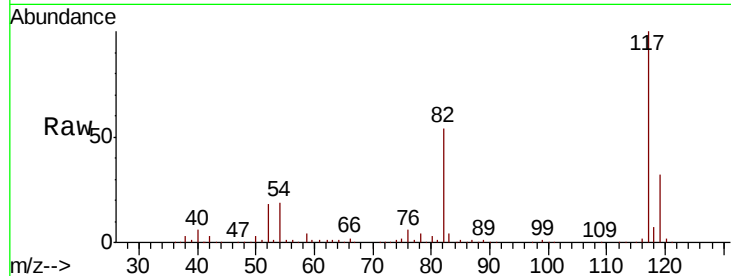




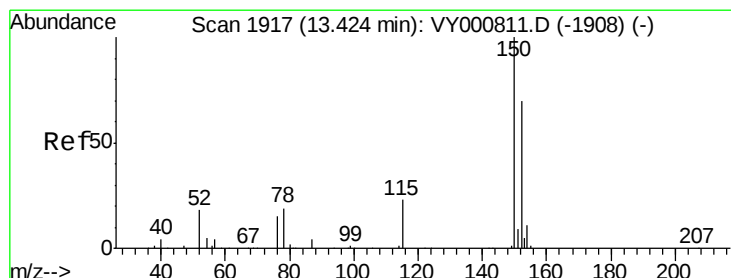
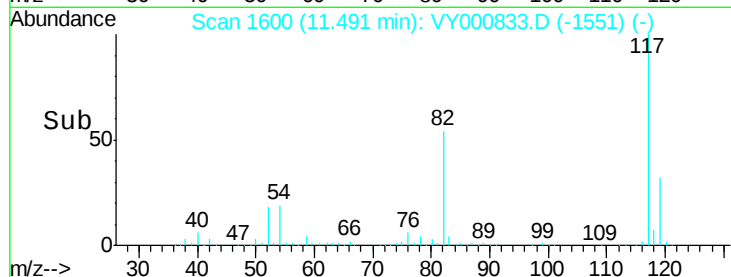
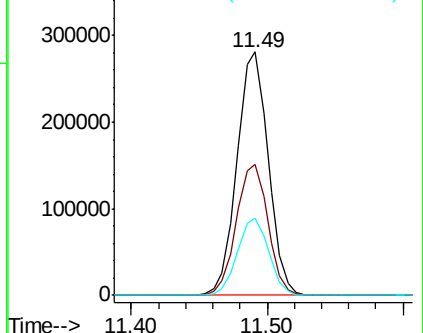
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000833.D
Acq: 03 Dec 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1203SBL01

Tot Ion:117 Resp: 450857
Ion Ratio Lower Upper
117 100
82 53.9 43.1 64.7
119 31.9 25.3 37.9

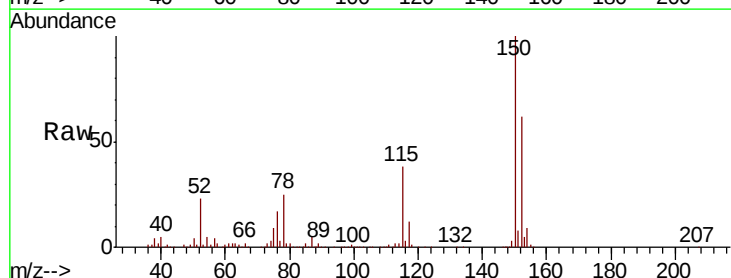


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000833.D
Acq: 03 Dec 2019 11:01

Tgt Ion:152 Resp: 201794
Ion Ratio Lower Upper
152 100
115 60.5 29.3 87.8
150 157.9 0.0 351.2



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

