

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000895.D
 Acq On : 06 Dec 2019 12:37
 Operator : SY/MD
 Sample : VY1206SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBL01

Quant Time: Dec 06 17:29:04 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	279290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	525465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	462767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	205398	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	165618	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
35) Dibromofluoromethane	7.72	113	151333	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.17	98	615882	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.47	95	205445	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	

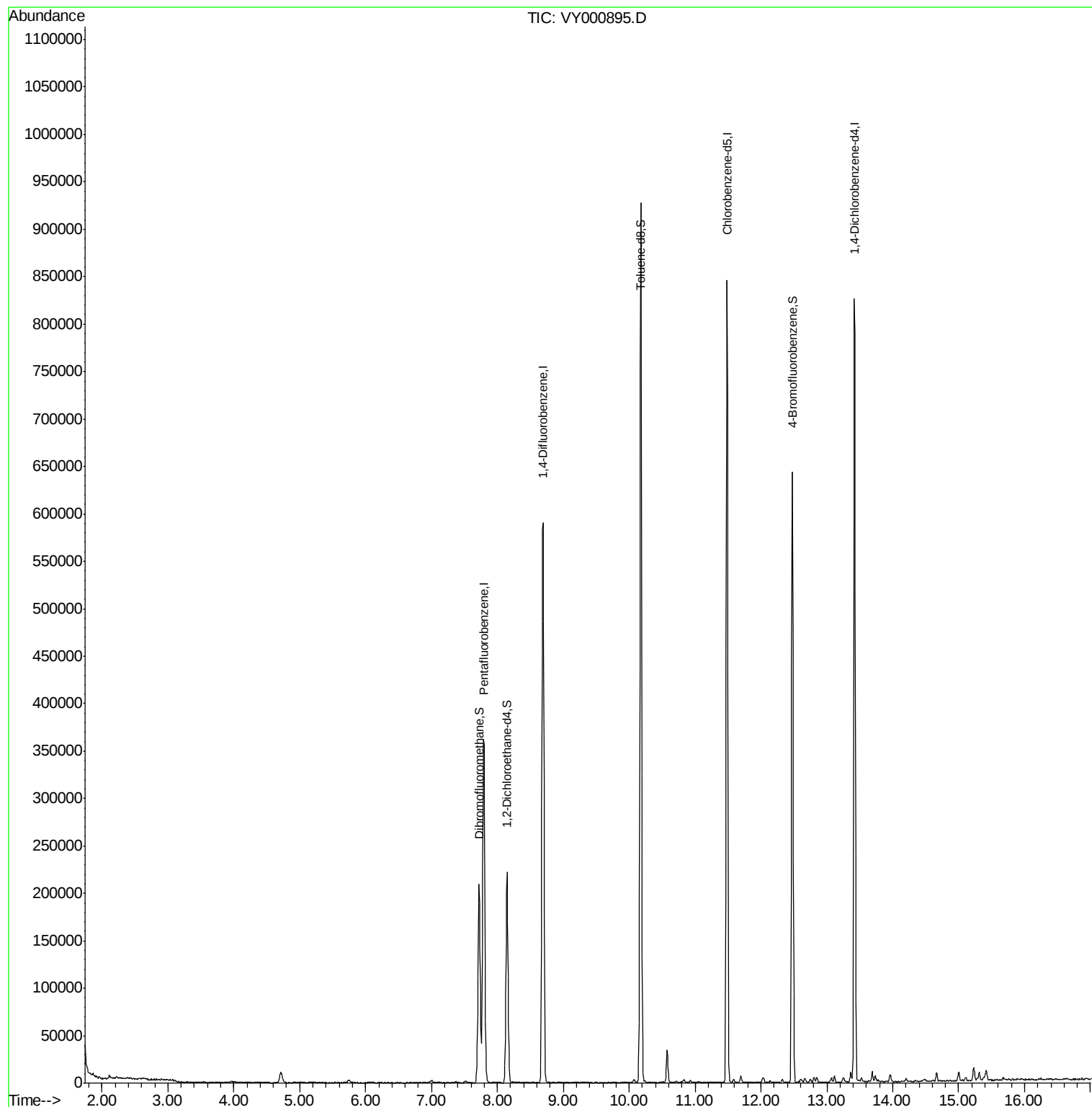
Target Compounds	Qvalue

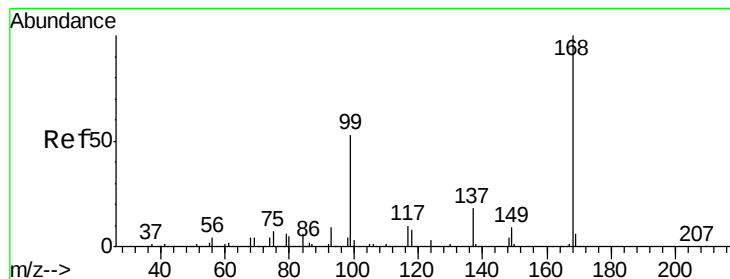
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
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QLast Update : Wed Nov 27 12:40:47 2019
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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: VY000895.D

Acq: 06 Dec 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

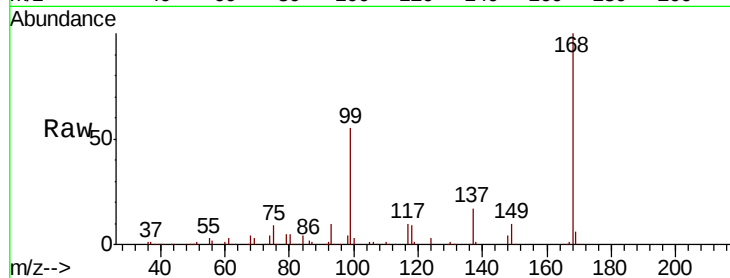
VY1206SBL01

Tot Ion:168 Resp: 279290

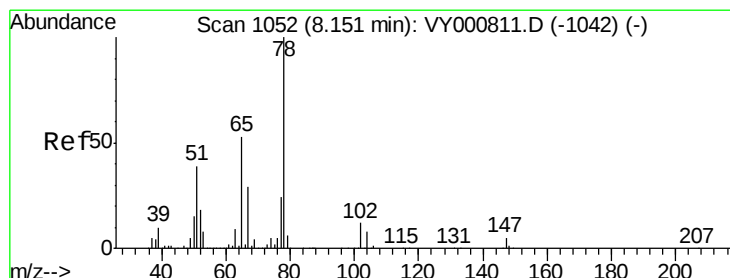
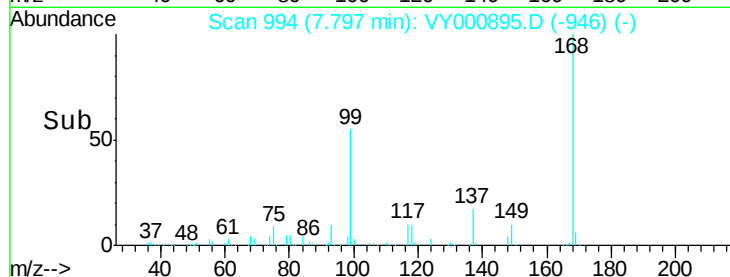
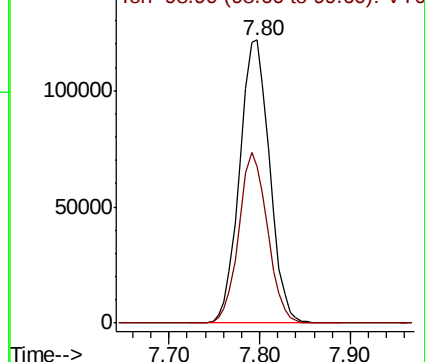
Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000895.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.807 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000895.D

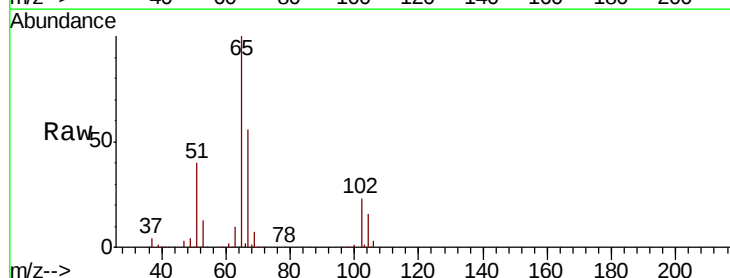
Acq: 06 Dec 2019 12:37

Tgt Ion: 65 Resp: 165618

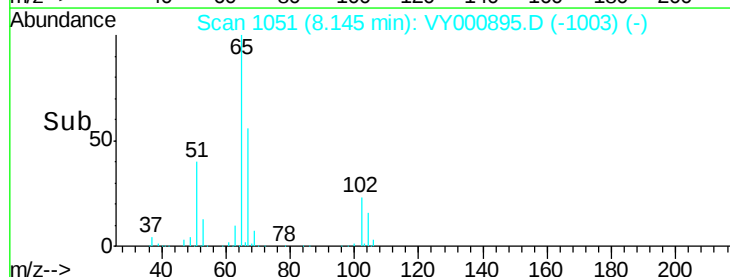
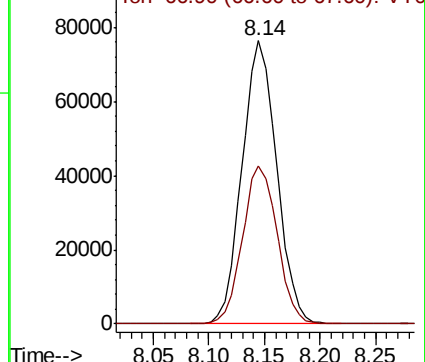
Ion Ratio Lower Upper

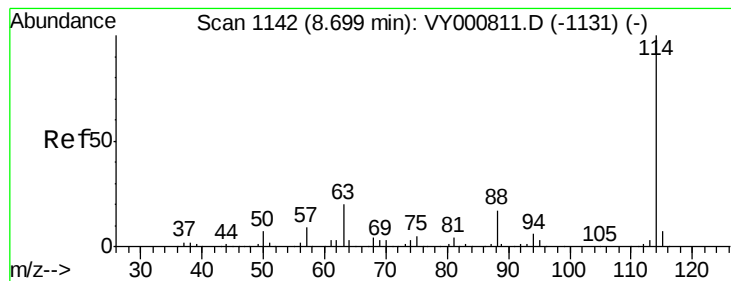
65 100

67 55.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000895.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: VY000895.D

Acq: 06 Dec 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBL01

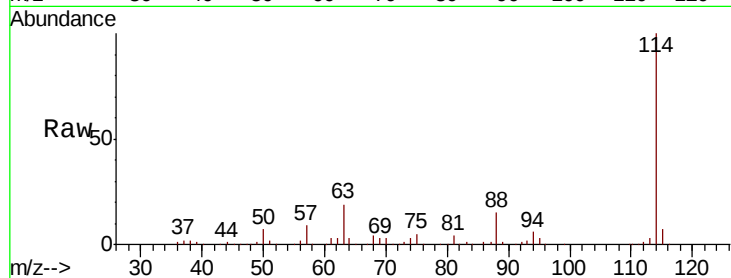
Tot Ion:114 Resp: 525465

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

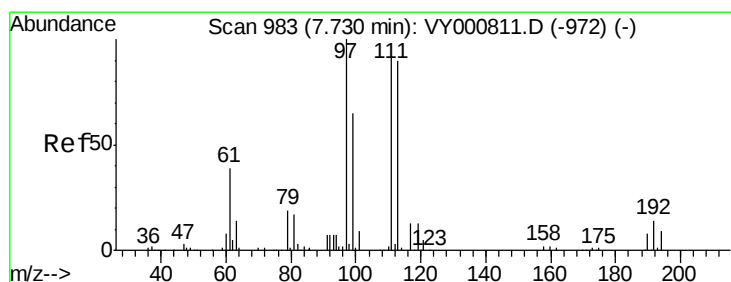
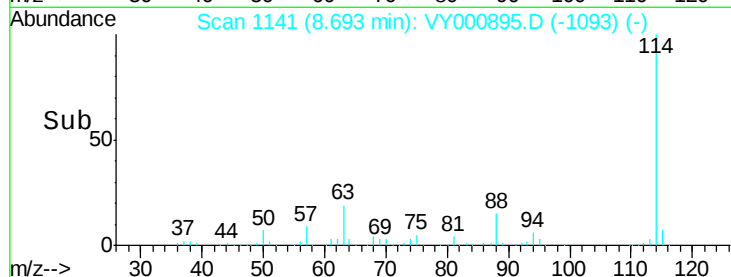
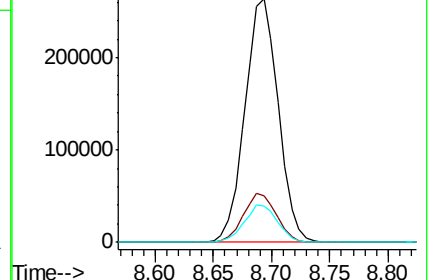
88 15.1 0.0 33.2



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: 49.416 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000895.D

Acq: 06 Dec 2019 12:37

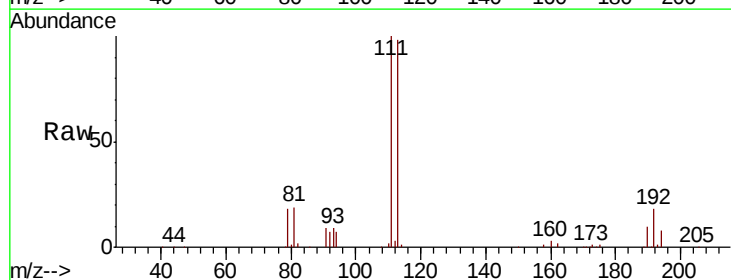
Tgt Ion:113 Resp: 151333

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

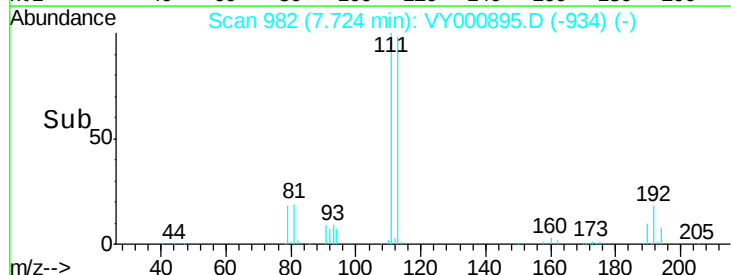
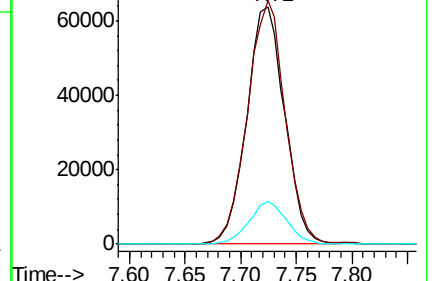
192 18.0 14.2 21.2



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: 50.303 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000895.D

Acq: 06 Dec 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

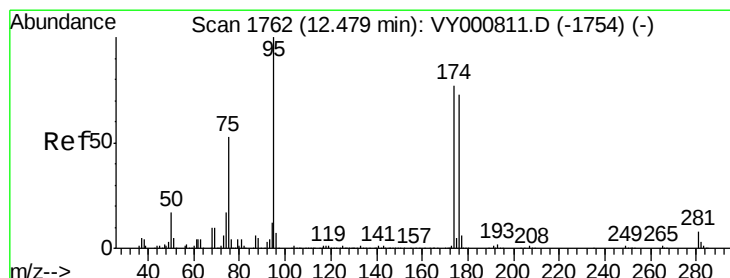
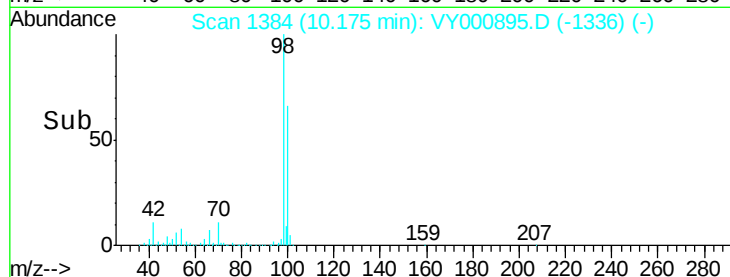
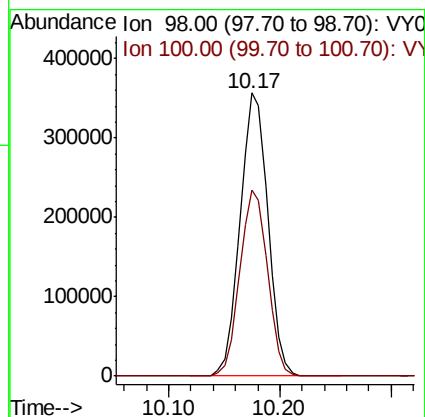
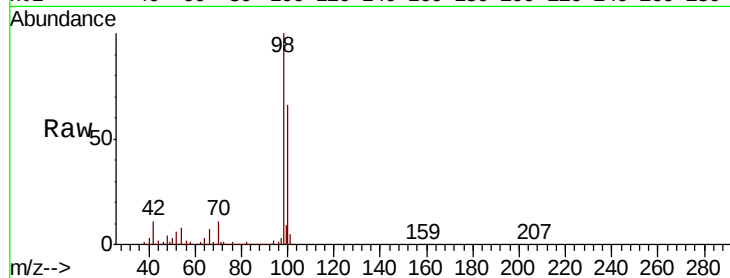
VY1206SBL01

Tot Ion: 98 Resp: 615882

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.681 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.01 min

Lab File: VY000895.D

Acq: 06 Dec 2019 12:37

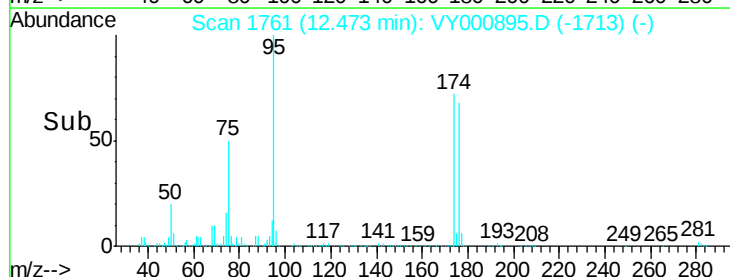
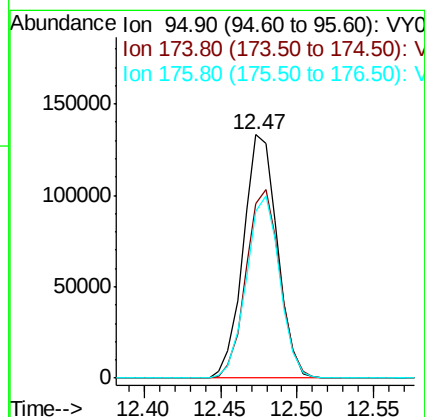
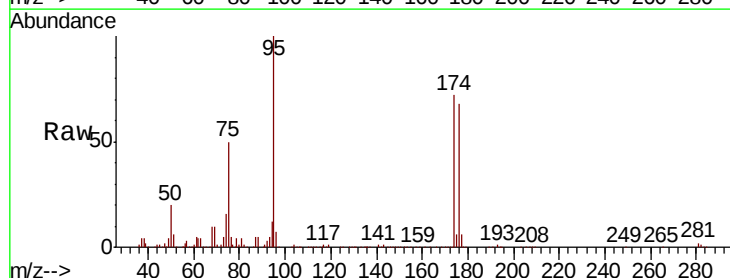
Tgt Ion: 95 Resp: 205445

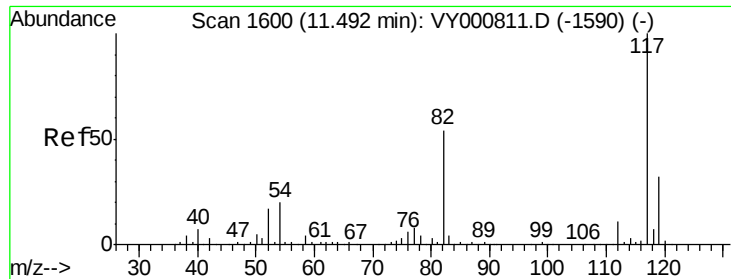
Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

176 73.6 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: VY000895.D

Acq: 06 Dec 2019 12:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBL01

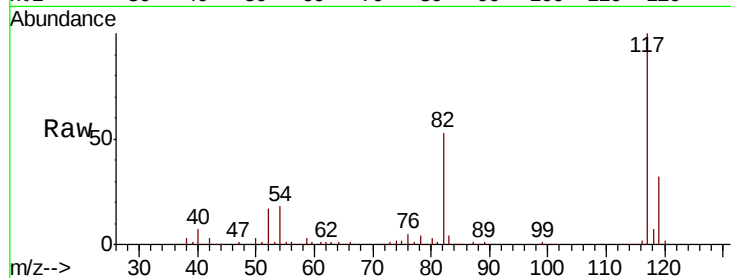
Tot Ion:117 Resp: 462767

Ion Ratio Lower Upper

117 100

82 52.9 43.1 64.7

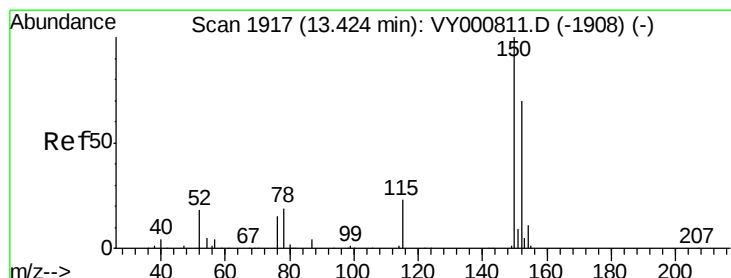
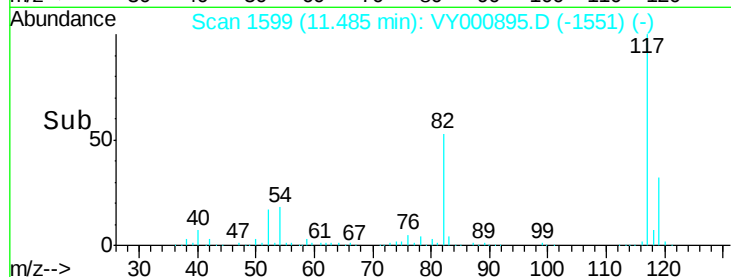
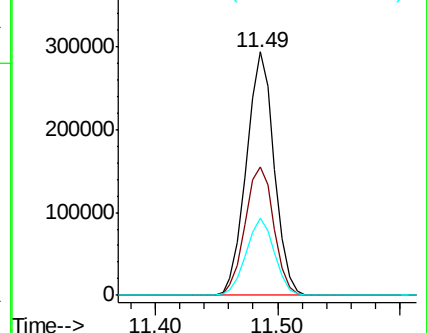
119 31.8 25.3 37.9



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: VY000895.D

Acq: 06 Dec 2019 12:37

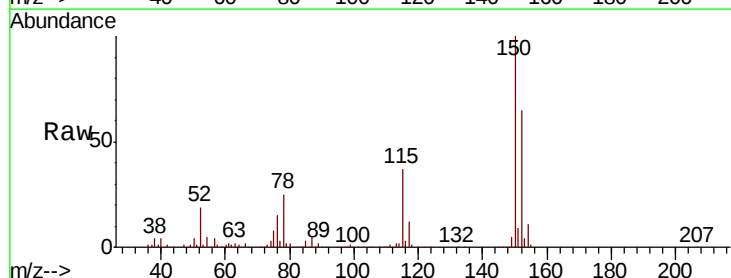
Tgt Ion:152 Resp: 205398

Ion Ratio Lower Upper

152 100

115 58.6 29.3 87.8

150 156.8 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

