

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
 Data File : VY000971.D
 Acq On : 17 Dec 2019 12:18
 Operator : SY/MD
 Sample : VY1217SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBL01

Quant Time: Dec 18 08:53:11 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	244142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	460859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	144651	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
35) Dibromofluoromethane	7.72	113	134738	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	10.18	98	542906	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.48	95	181180	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	

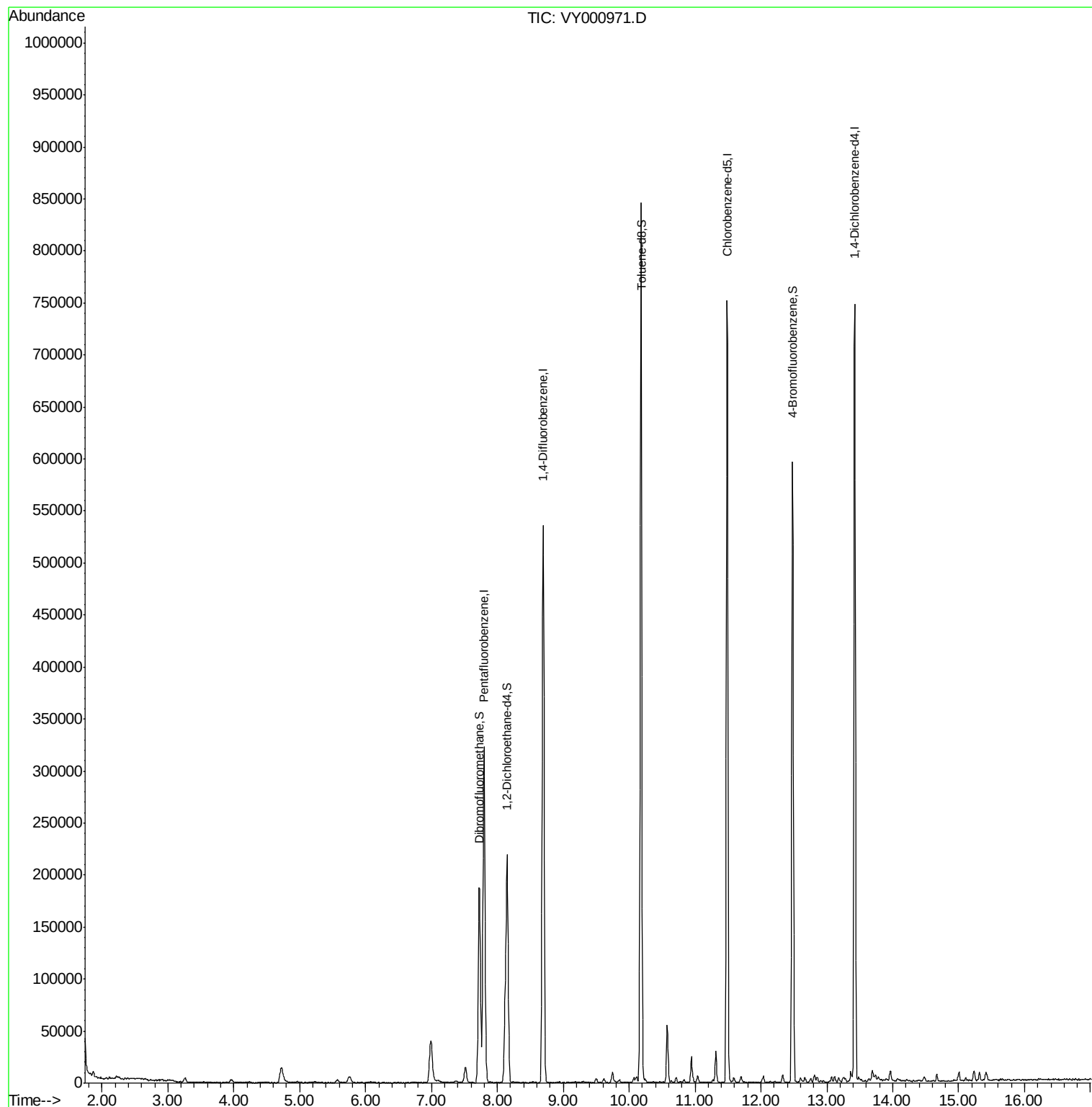
Target Compounds	Qvalue
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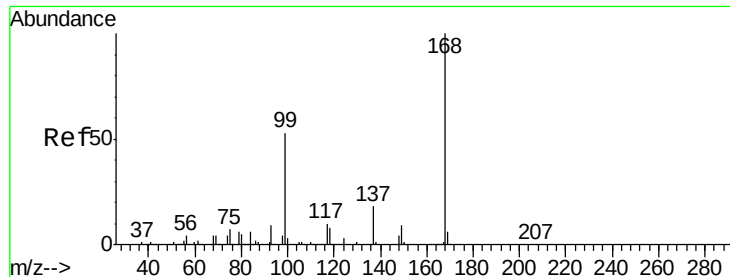
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000971.D

Acq: 17 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

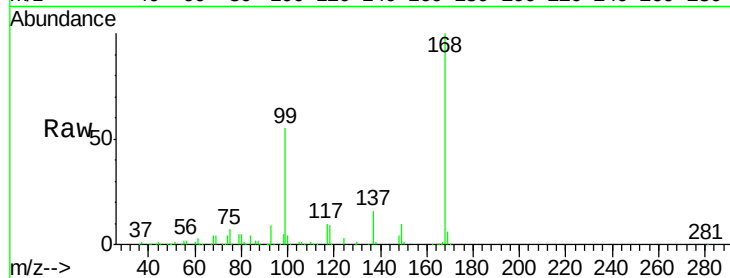
VY1217SBL01

Tot Ion:168 Resp: 244142

Ion Ratio Lower Upper

168 100

99 54.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

120000

100000

80000

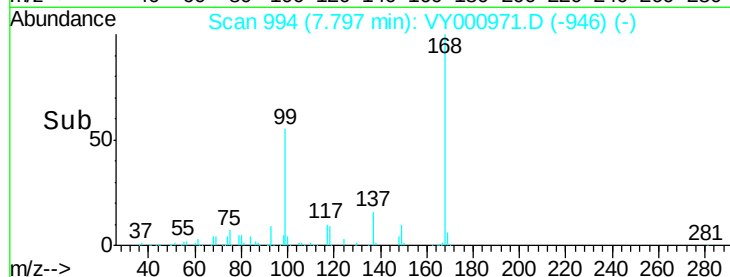
60000

40000

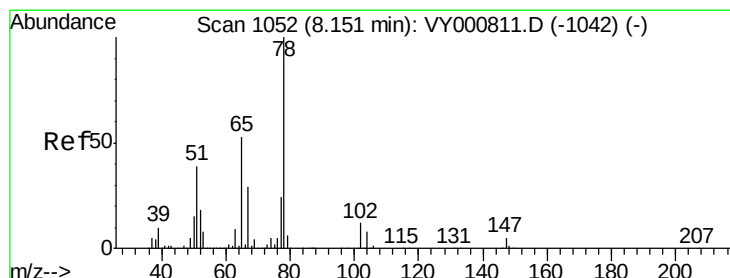
20000

0

Time-->



Scan 994 (7.797 min): VY000971.D (-946) (-)



Scan 1052 (8.151 min): VY000811.D (-1042) (-)

#33

1,2-Dichloroethane-d4

Concen: 55.759 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000971.D

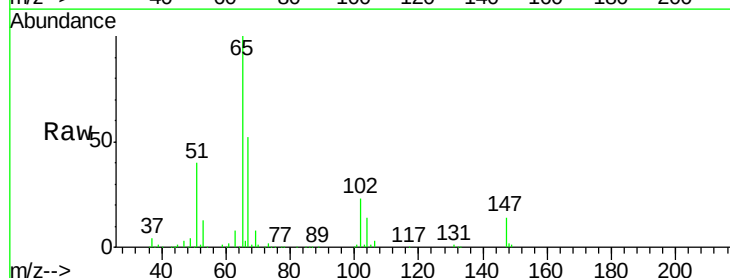
Acq: 17 Dec 2019 12:18

Tgt Ion: 65 Resp: 144651

Ion Ratio Lower Upper

65 100

67 55.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

80000

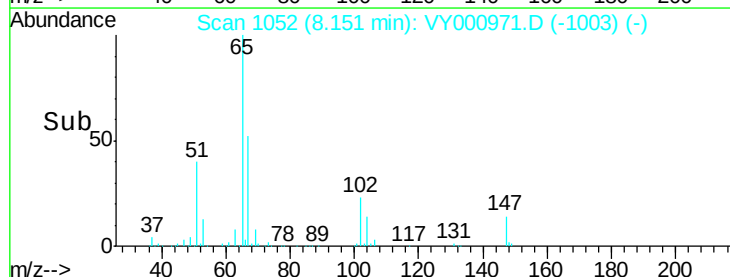
60000

40000

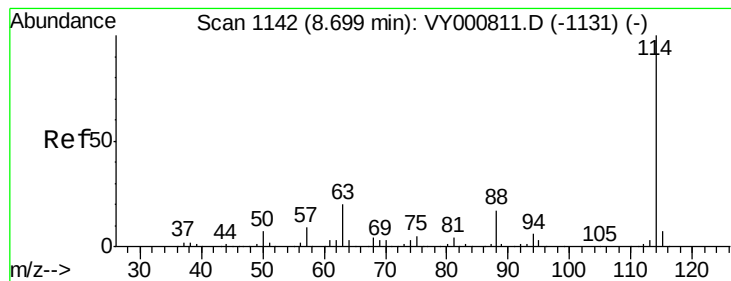
20000

0

Time-->



Scan 1052 (8.151 min): VY000971.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: VY000971.D

Acq: 17 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBL01

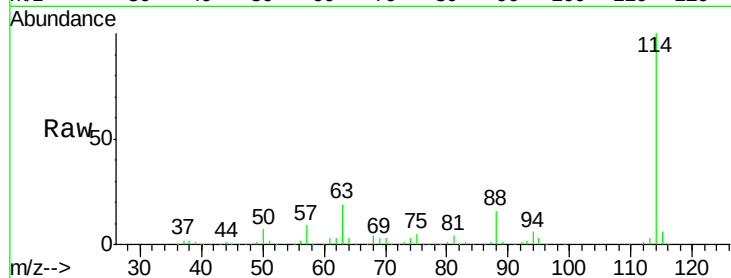
Tot Ion:114 Resp: 460859

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

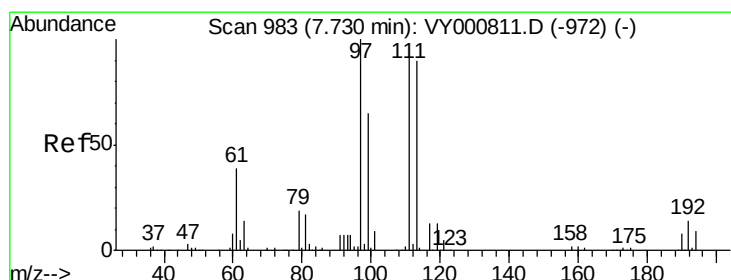
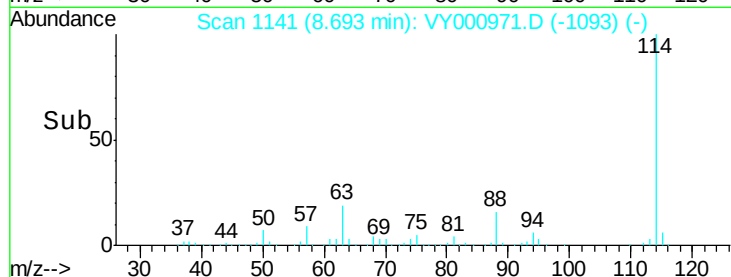
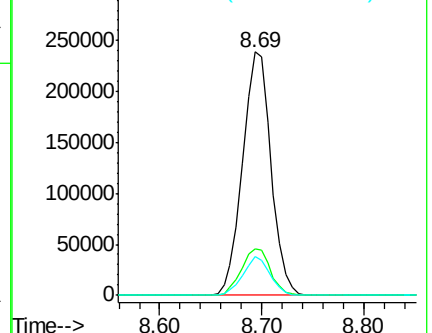
88 15.7 0.0 33.2



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: 50.165 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000971.D

Acq: 17 Dec 2019 12:18

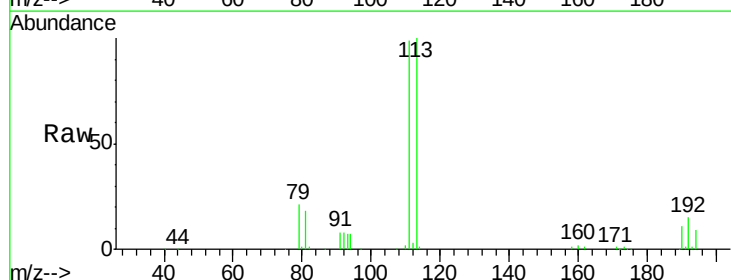
Tgt Ion:113 Resp: 134738

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

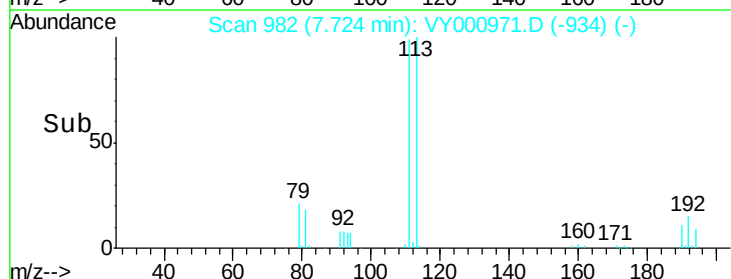
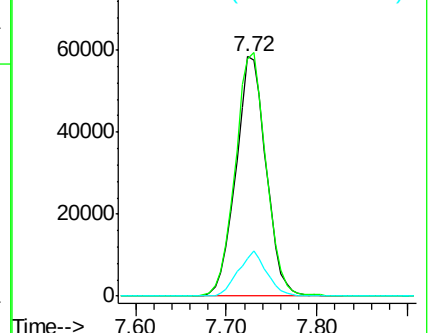
192 17.6 14.2 21.2

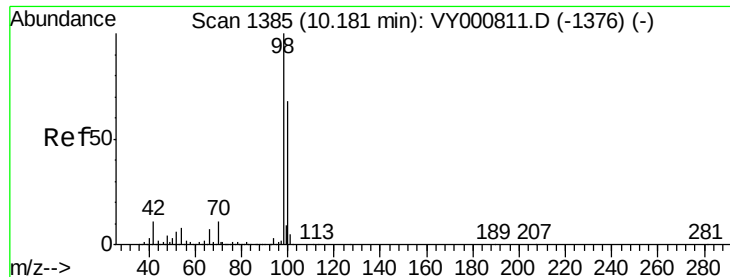


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.559 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000971.D

Acq: 17 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

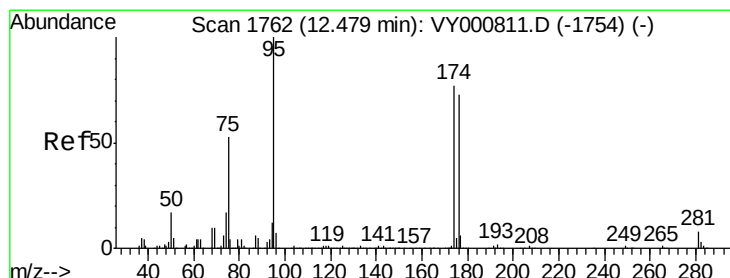
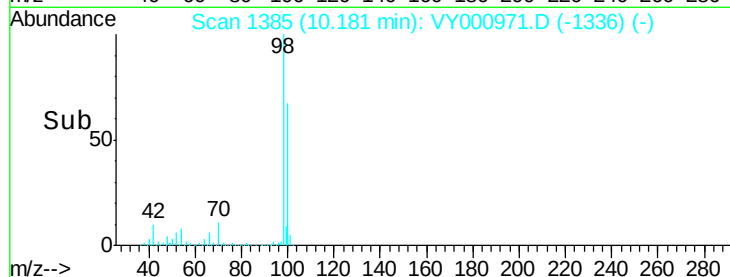
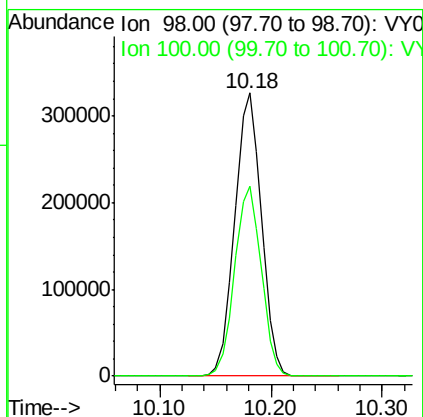
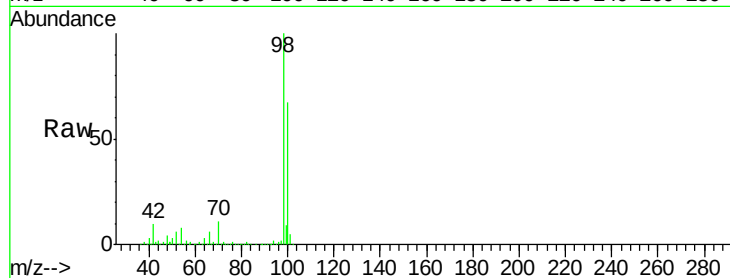
VY1217SBL01

Tot Ion: 98 Resp: 542906

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.928 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000971.D

Acq: 17 Dec 2019 12:18

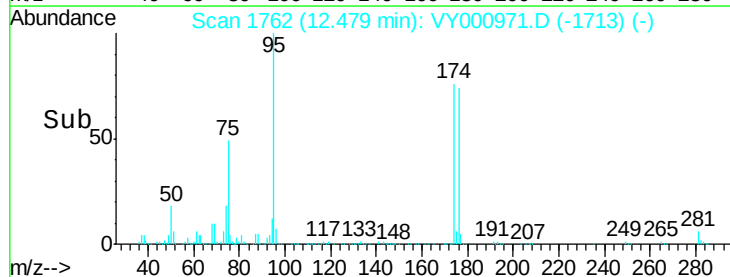
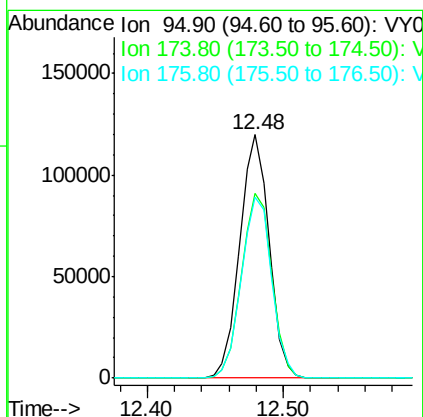
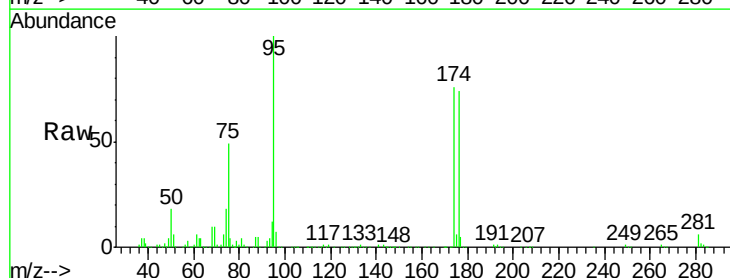
Tgt Ion: 95 Resp: 181180

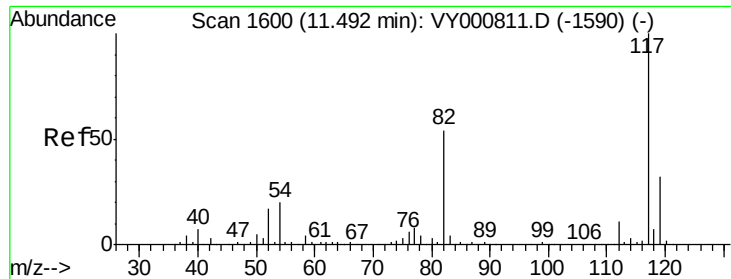
Ion Ratio Lower Upper

95 100

174 78.3 0.0 150.6

176 77.1 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: VY000971.D

Acq: 17 Dec 2019 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBL01

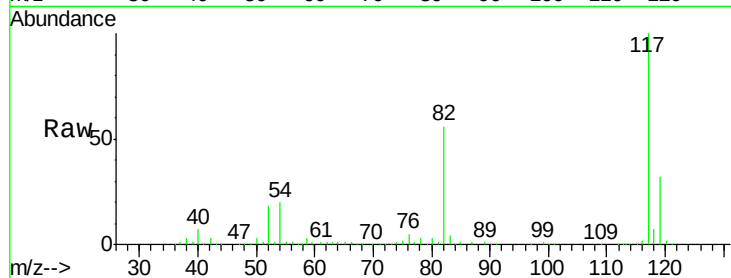
Tot Ion:117 Resp: 415010

Ion Ratio Lower Upper

117 100

82 56.2 43.1 64.7

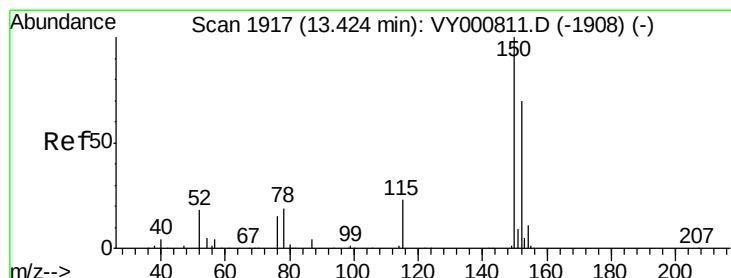
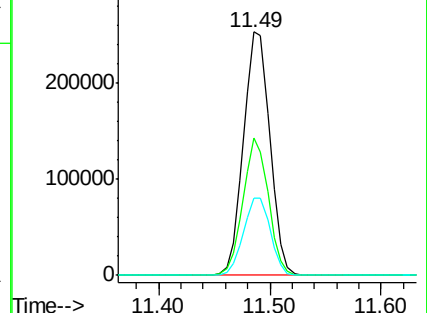
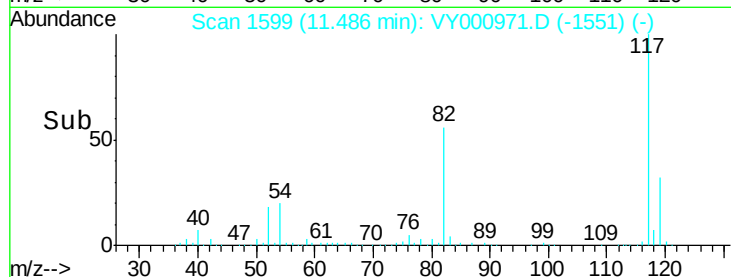
119 31.6 25.3 37.9



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: VY000971.D

Acq: 17 Dec 2019 12:18

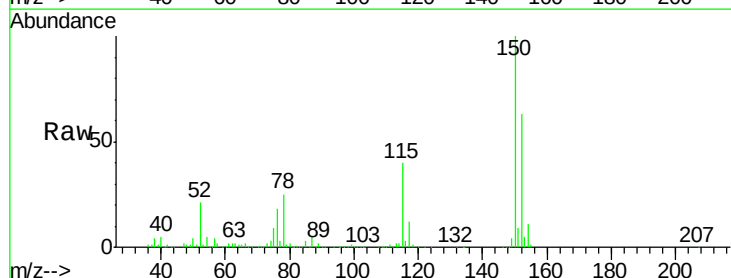
Tgt Ion:152 Resp: 183459

Ion Ratio Lower Upper

152 100

115 60.8 29.3 87.8

150 159.6 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

