

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000910.D
 Acq On : 09 Dec 2019 12:53
 Operator : SY/MD
 Sample : K6117-01
 Misc : 6.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-120619

Quant Time: Dec 10 07:02:28 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

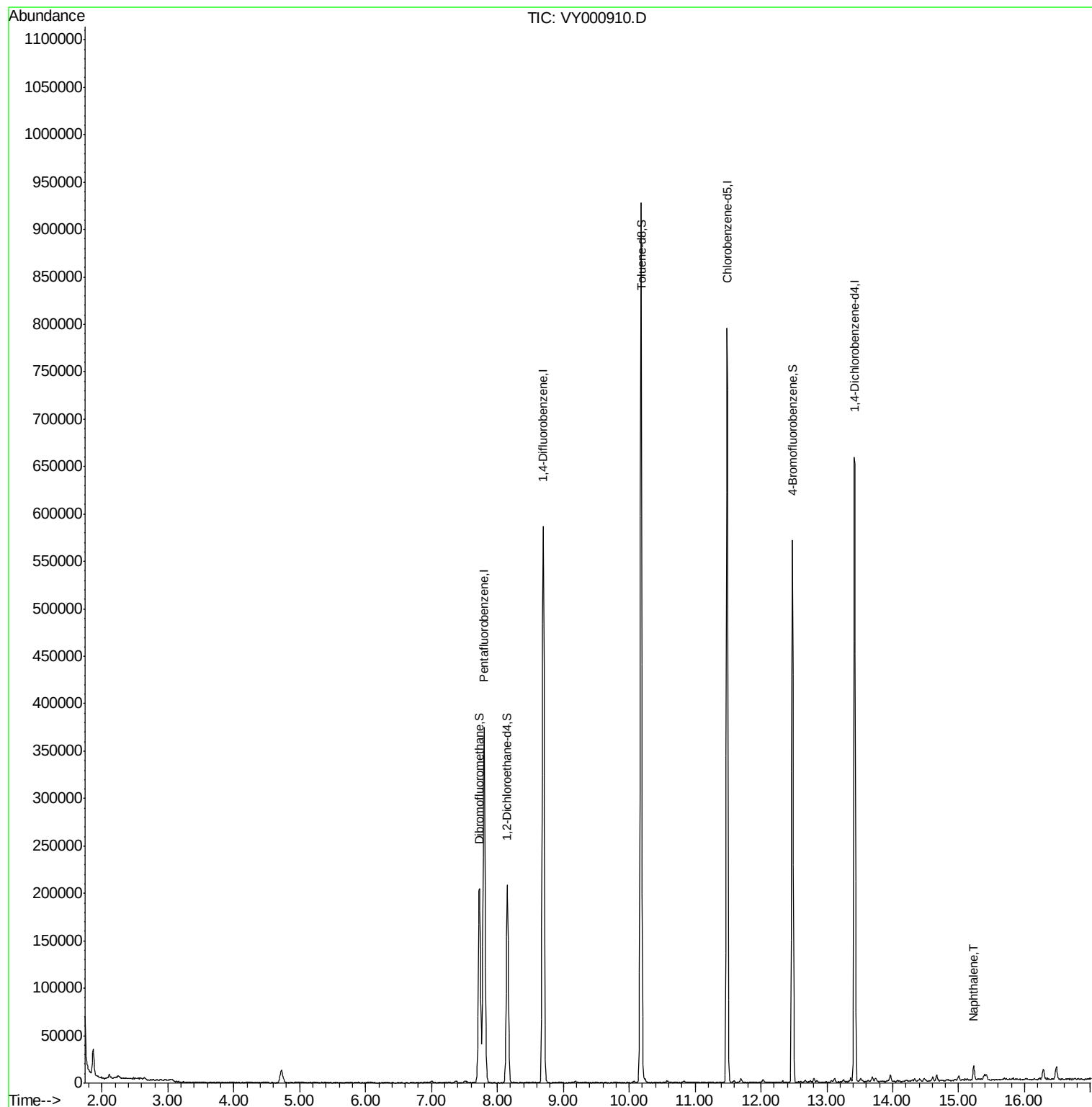
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	283502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	432200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	167499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156690	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	7.73	113	147169	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	10.18	98	603464	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.48	95	181263	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.62%	
Target Compounds						
95) Naphthalene	15.23	128	10894	1.359	ug/l	Qvalue 97

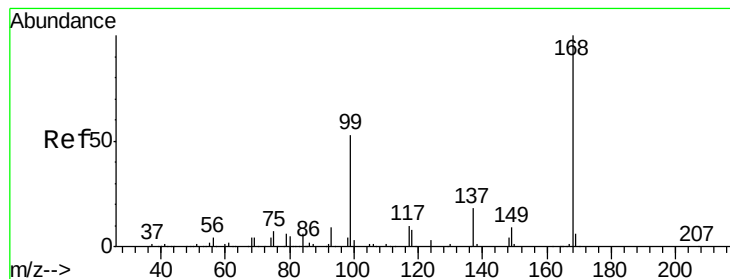
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000910.D

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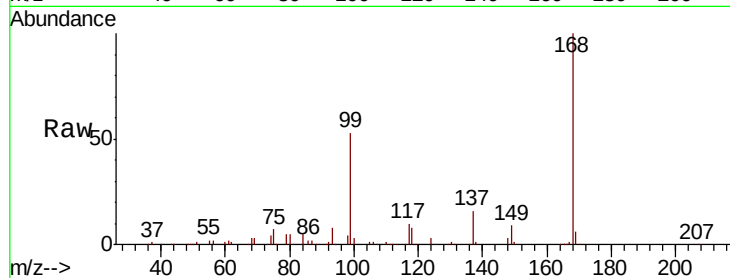
TR-04-120619

Tot Ion:168 Resp: 283502

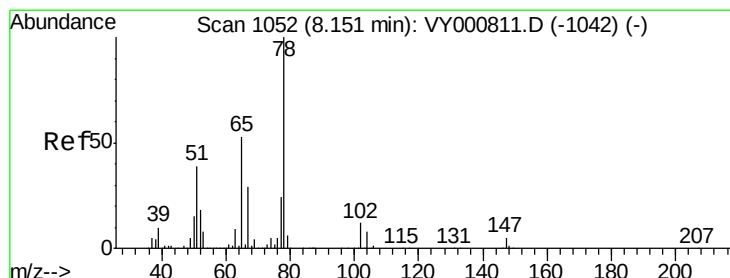
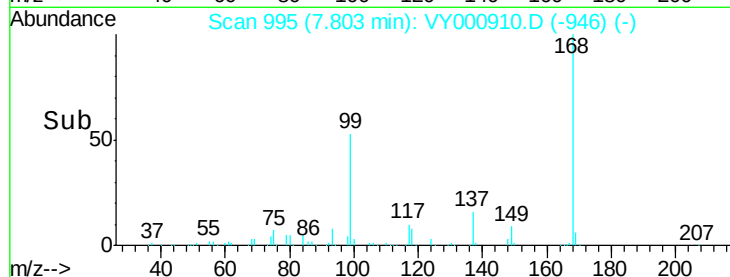
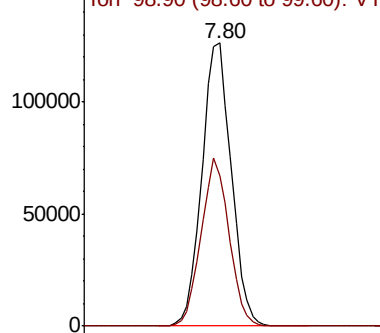
Ion Ratio Lower Upper

168 100

99 53.2 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000910.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.014 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000910.D

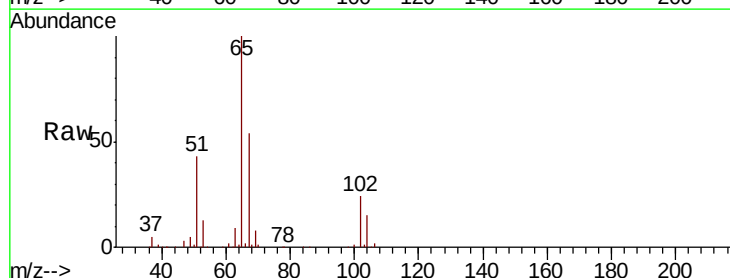
Acq: 09 Dec 2019 12:53

Tgt Ion: 65 Resp: 156690

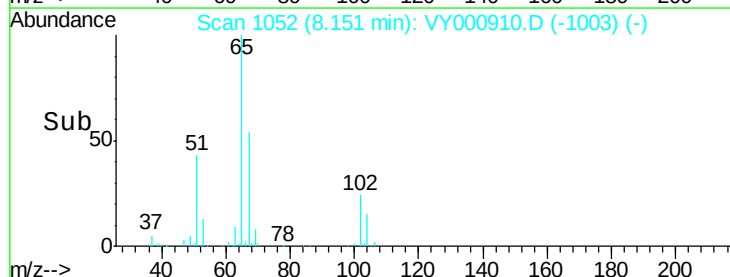
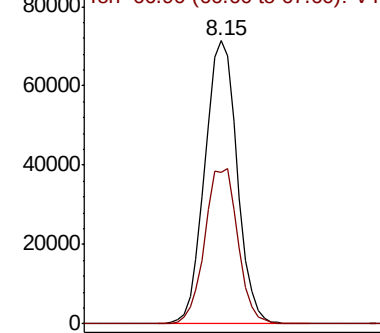
Ion Ratio Lower Upper

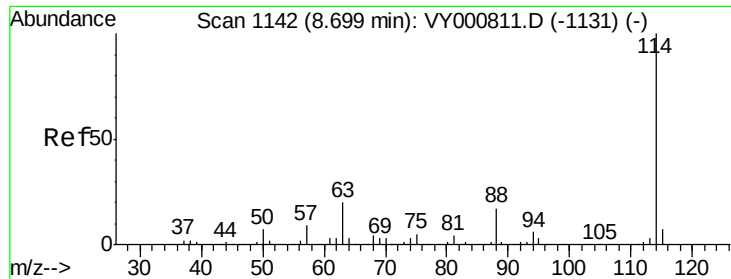
65 100

67 56.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000910.D (-1003) (-)

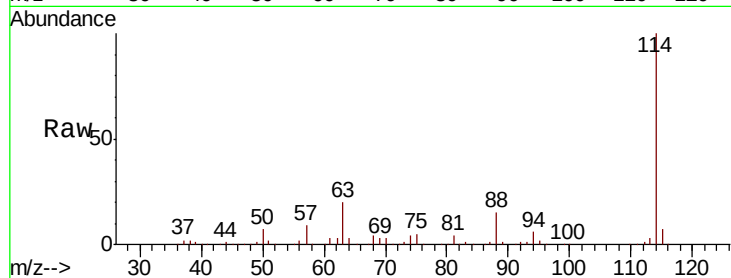




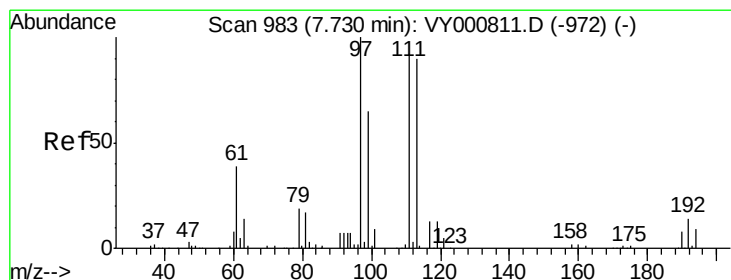
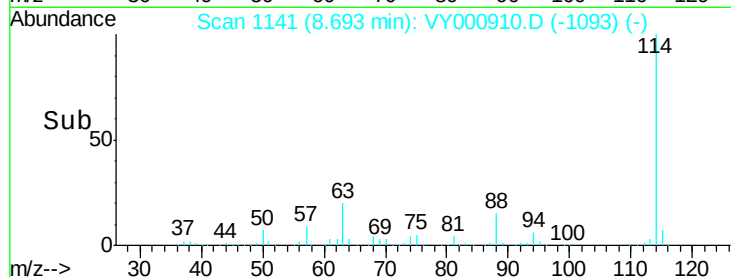
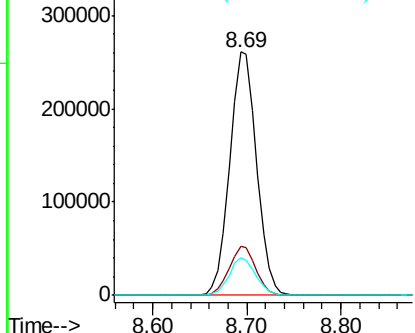
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-120619

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	15.2	0.0	33.2

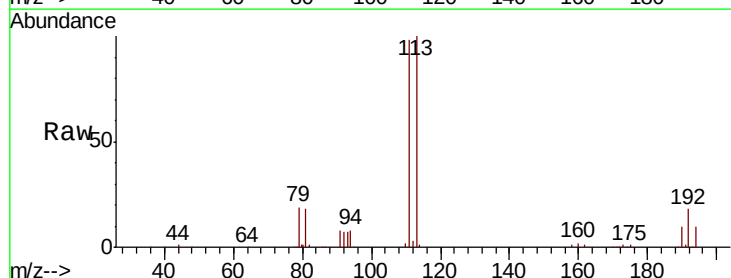


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

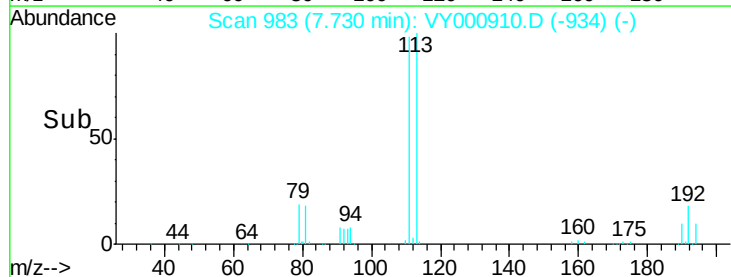
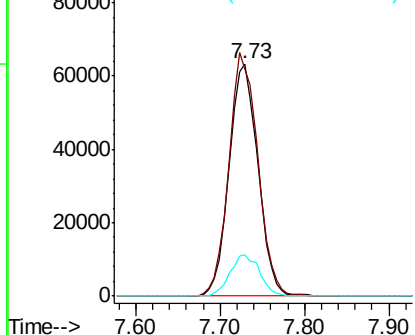


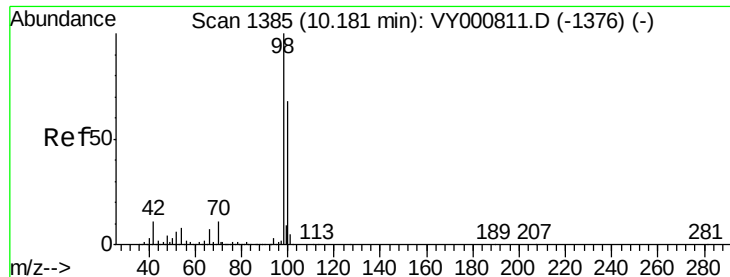
#35
 Dibromofluoromethane
 Concen: 49.139 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000910.D
 Acq: 09 Dec 2019 12:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.4	123.6
192	18.1	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: 50.400 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000910.D

Acq: 09 Dec 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

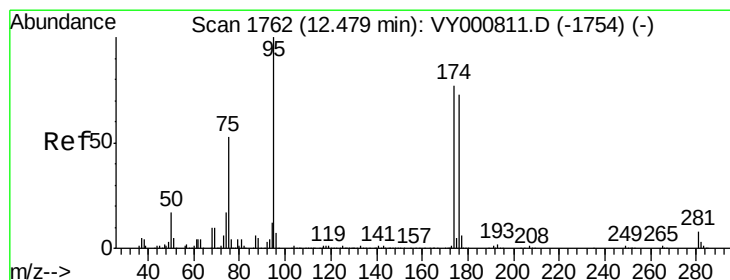
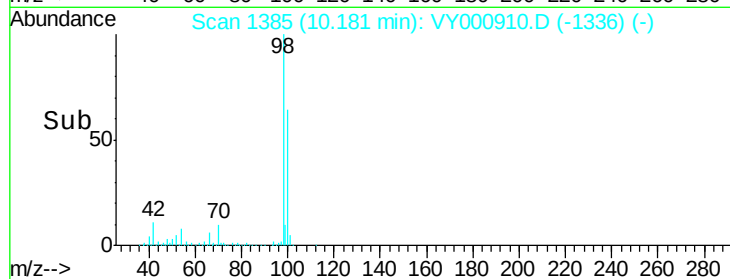
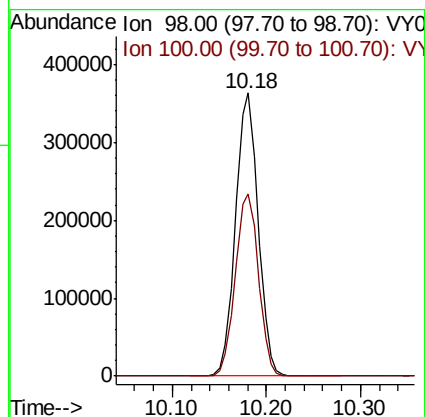
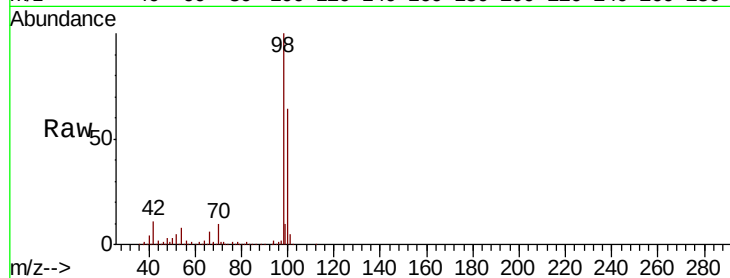
TR-04-120619

Tot Ion: 98 Resp: 603464

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.310 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000910.D

Acq: 09 Dec 2019 12:53

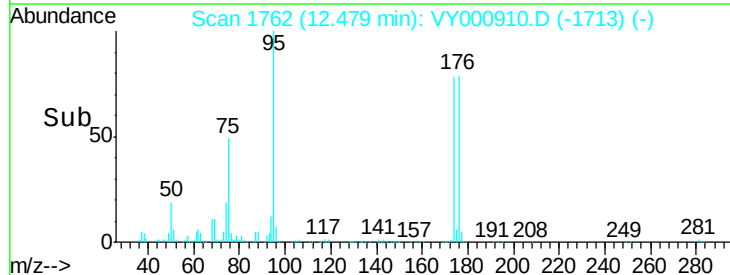
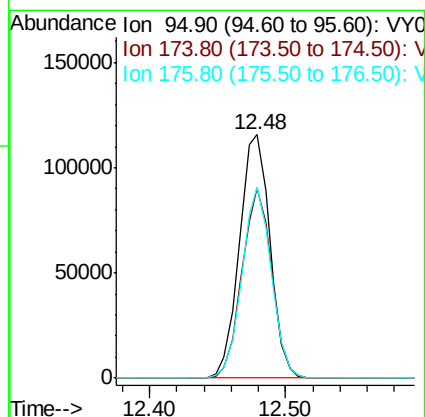
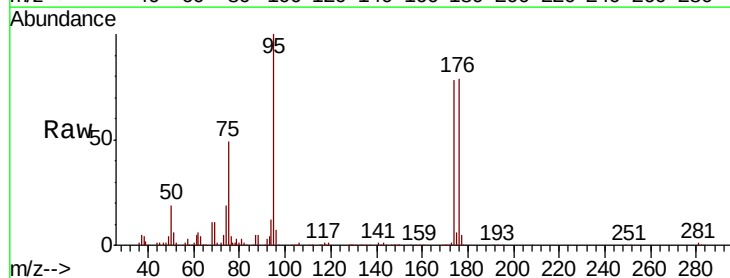
Tgt Ion: 95 Resp: 181263

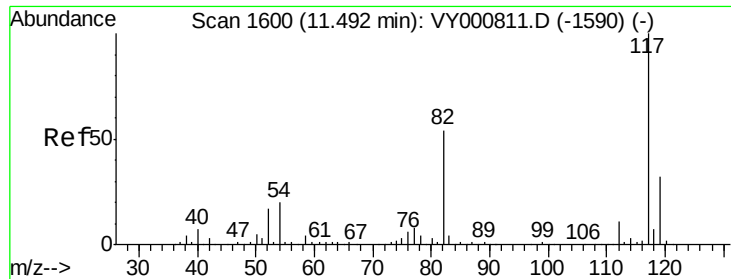
Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.6

176 75.1 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: VY000910.D

Acq: 09 Dec 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-120619

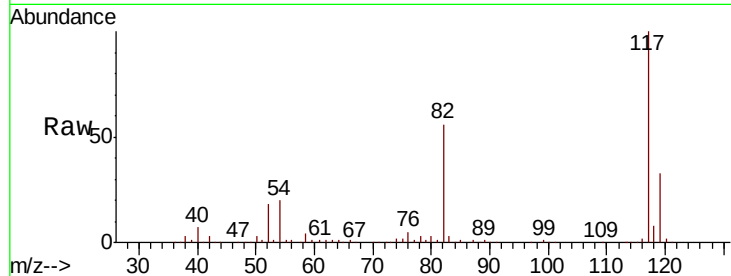
Tot Ion:117 Resp: 432200

Ion Ratio Lower Upper

117 100

82 56.0 43.1 64.7

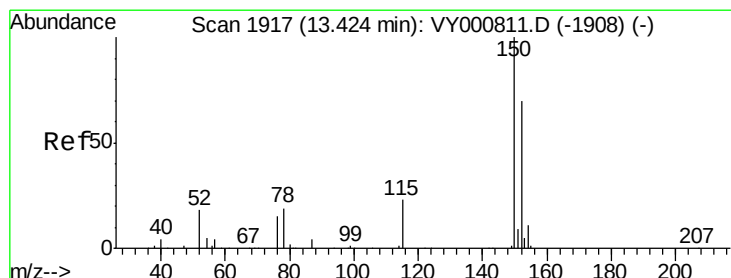
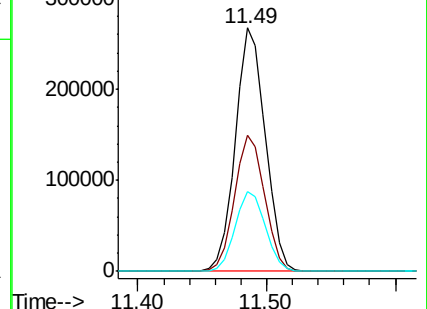
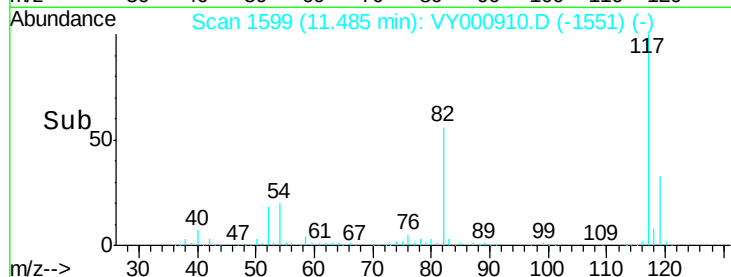
119 32.7 25.3 37.9



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: VY000910.D

Acq: 09 Dec 2019 12:53

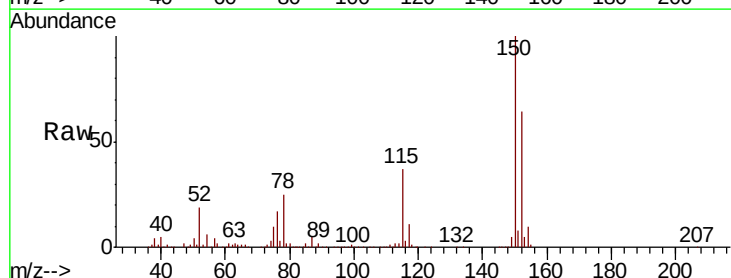
Tgt Ion:152 Resp: 167499

Ion Ratio Lower Upper

152 100

115 58.5 29.3 87.8

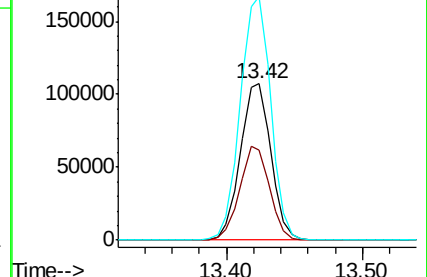
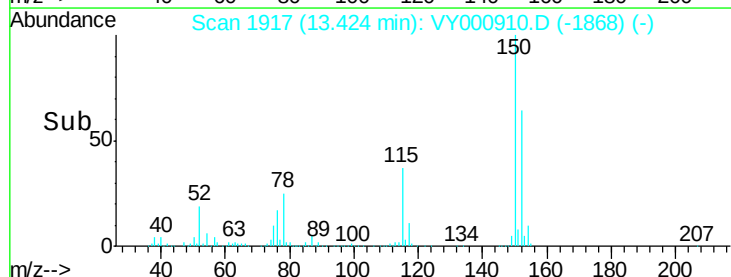
150 155.2 0.0 351.2

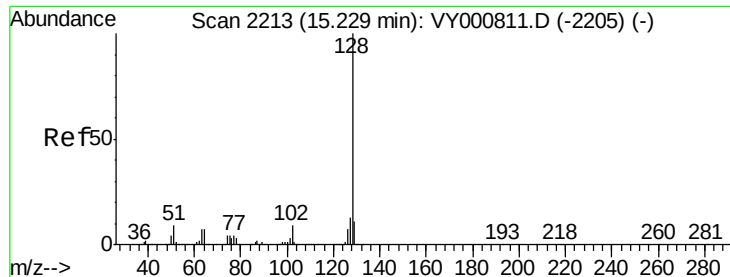


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.359 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000910.D

Acq: 09 Dec 2019 12:53

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-120619

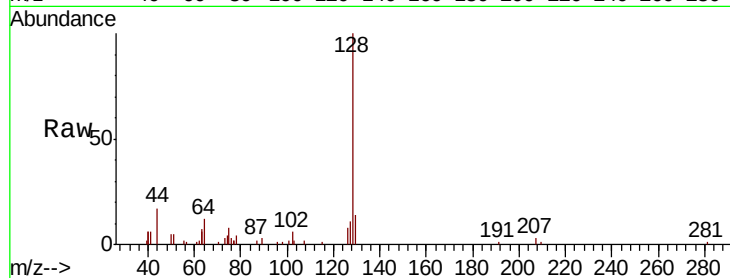
Tot Ion:128 Resp: 10894

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 13.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

