

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002630.D
 Acq On : 07 May 2020 14:44
 Operator : SY/MD
 Sample : L2546-01
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-918-920

Quant Time: May 08 08:32:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

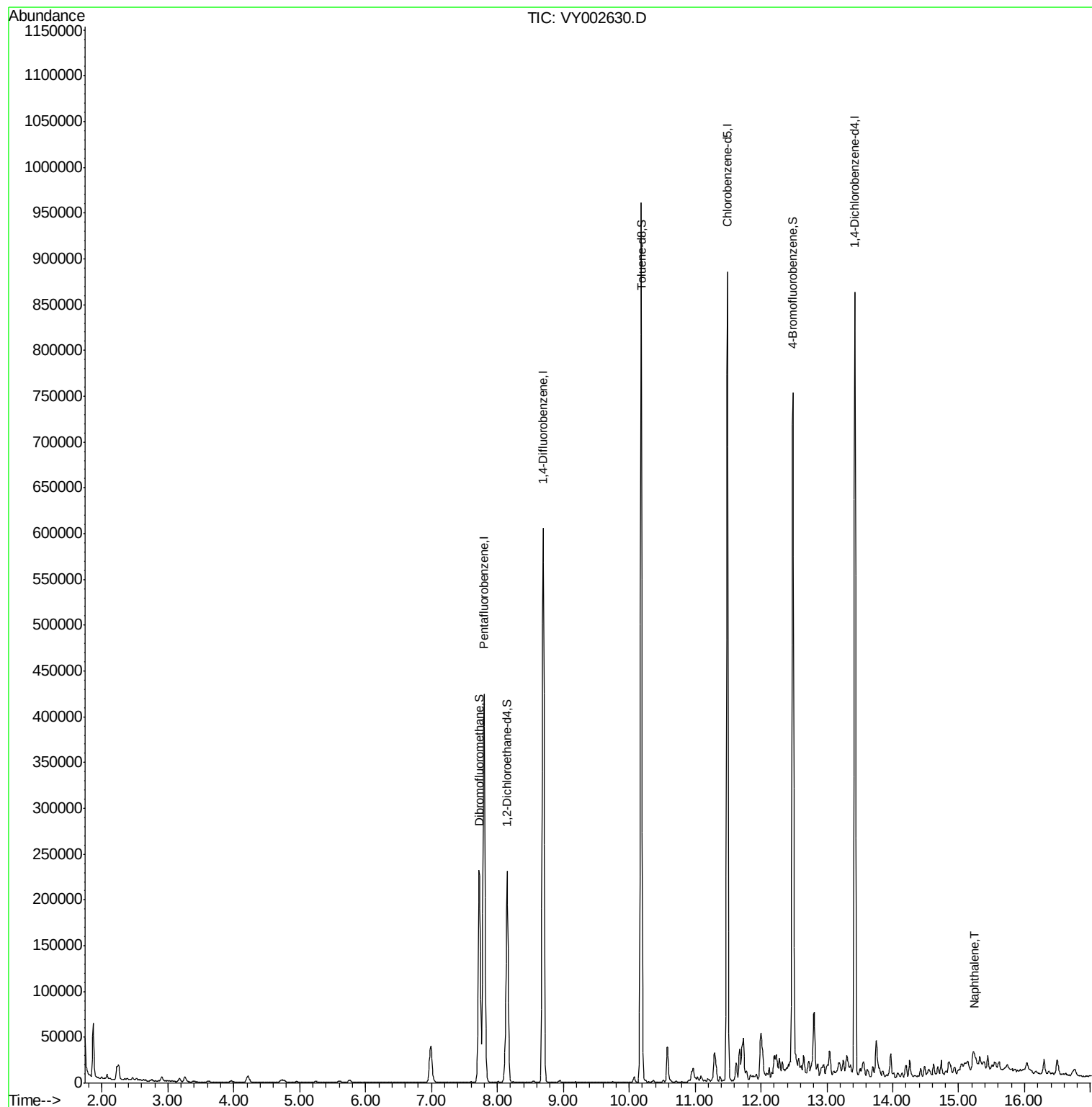
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	345800	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	546386	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	493059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	238789	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	168611	57.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.98%	
35) Dibromofluoromethane	7.72	113	166903	53.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.18	98	635749	52.10	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.48	95	212858	51.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.82%	
Target Compounds						
95) Naphthalene	15.24	128	8709	1.007	ug/l #	Qvalue 93

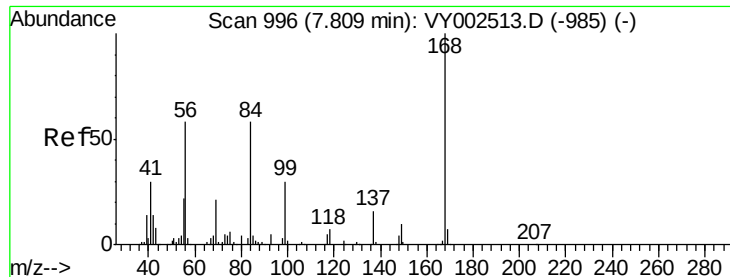
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002630.D

Acq: 07 May 2020 14:44

Instrument :

MSVOA_Y

ClientSampleId :

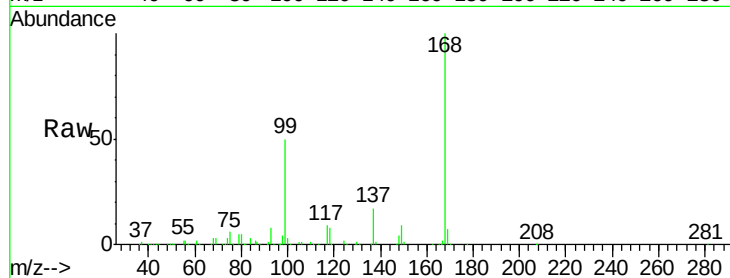
BP-VPB180-GW-918-920

Tot Ion:168 Resp: 345800

Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002630.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002630.D (-947) (-)

7.80

150000

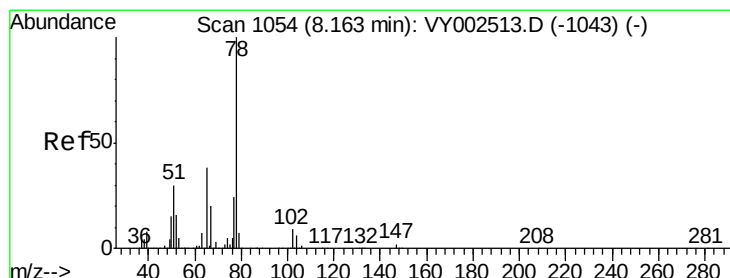
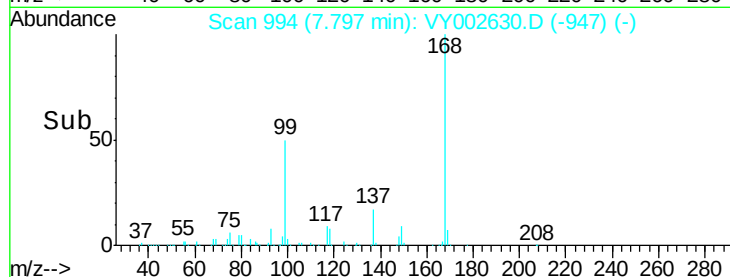
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.991 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002630.D

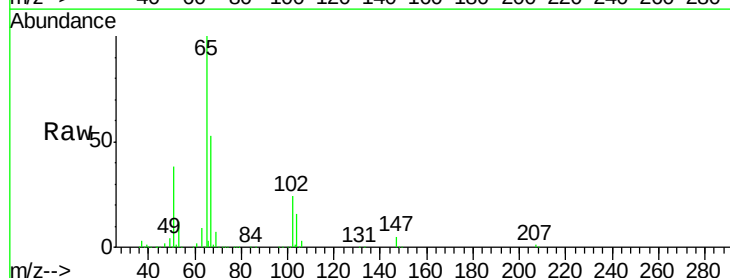
Acq: 07 May 2020 14:44

Tgt Ion: 65 Resp: 168611

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002630.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002630.D (-1005) (-)

8.15

80000

60000

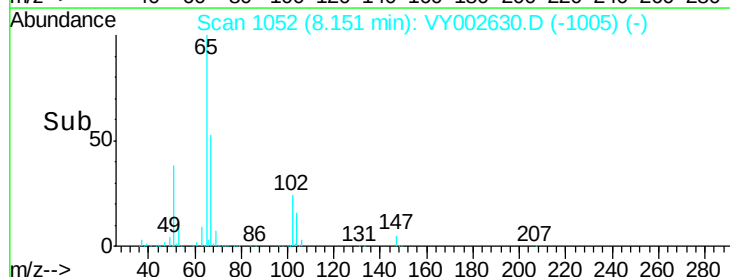
40000

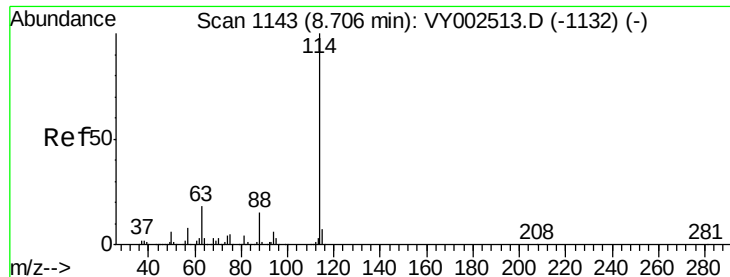
20000

0

8.00 8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY002630.D

Acq: 07 May 2020 14:44

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-918-920

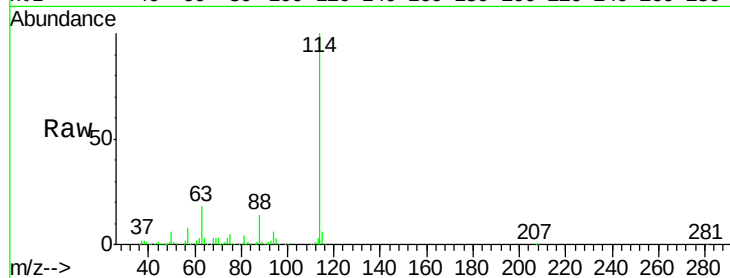
Tot Ion:114 Resp: 546386

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

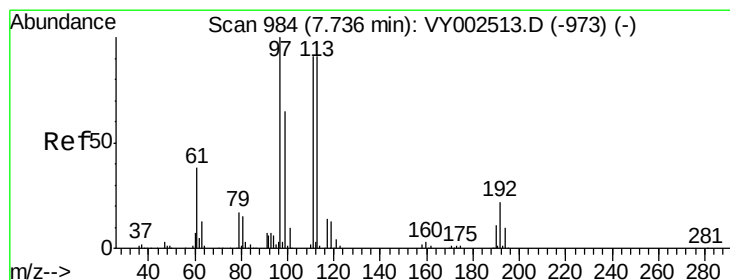
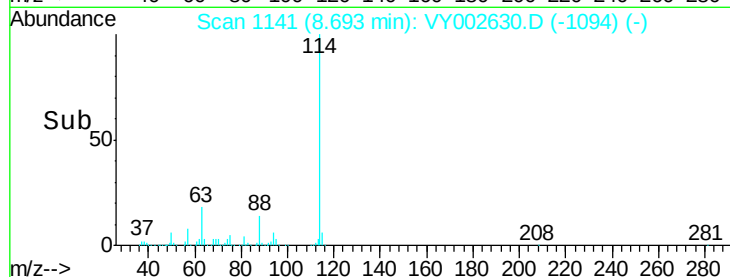
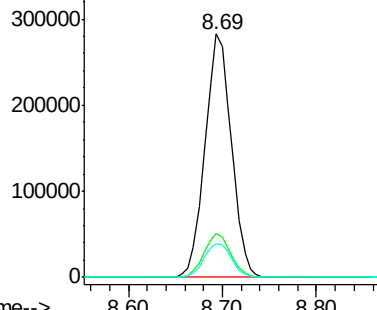
88 13.9 0.0 29.6



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: 53.412 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002630.D

Acq: 07 May 2020 14:44

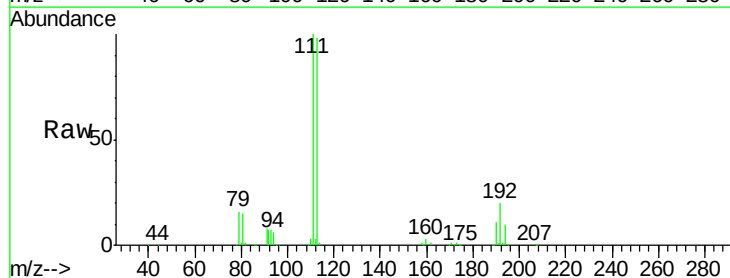
Tgt Ion:113 Resp: 166903

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.6

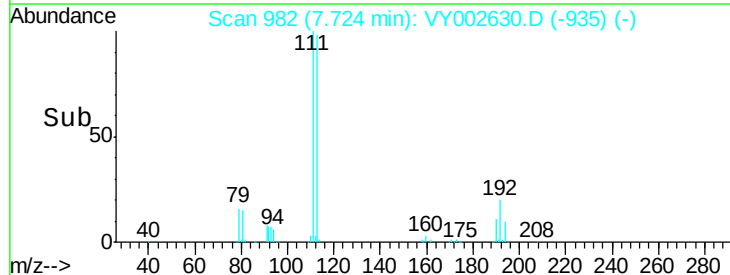
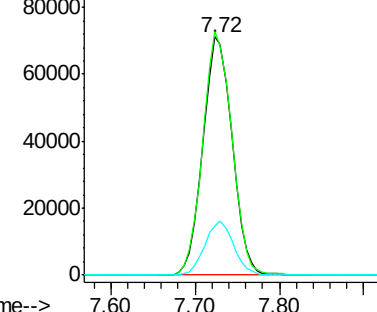
192 22.2 18.2 27.4

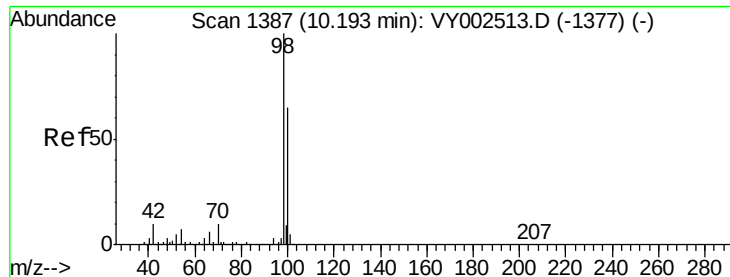


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.099 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002630.D

Acq: 07 May 2020 14:44

Instrument :

MSVOA_Y

ClientSampleId :

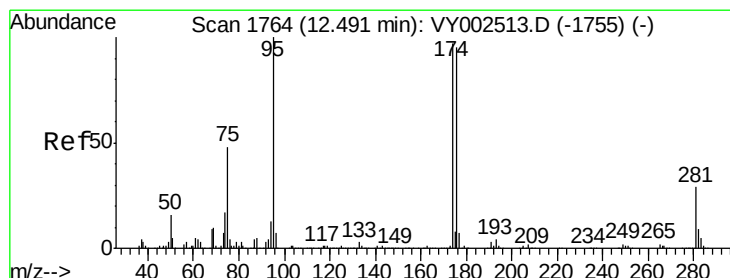
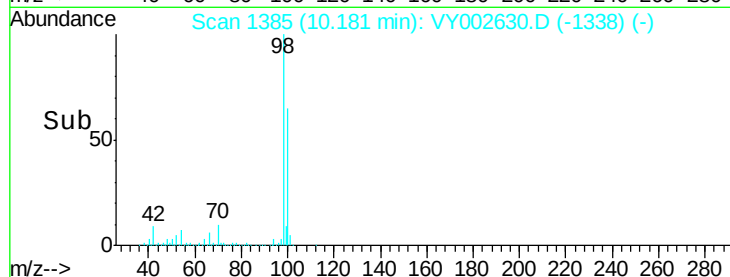
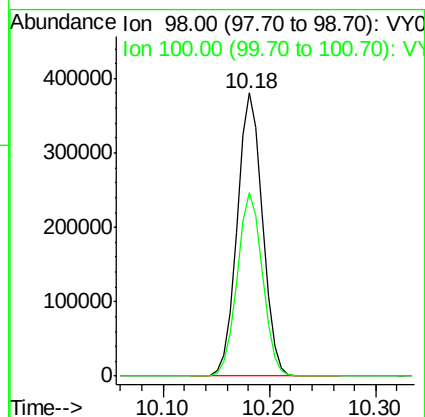
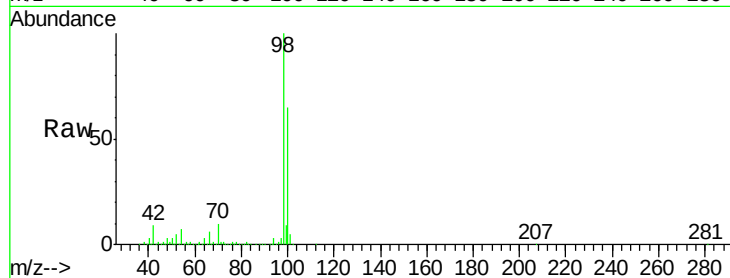
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Tot Ion: 98 Resp: 635749

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.406 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002630.D

Acq: 07 May 2020 14:44

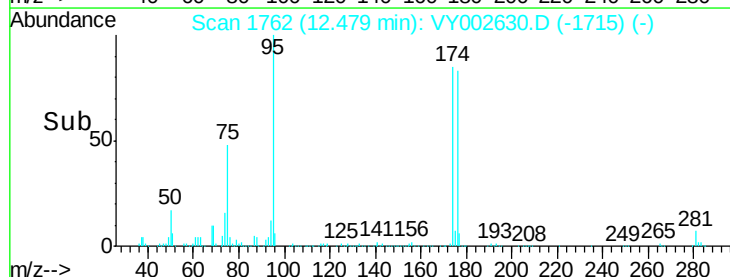
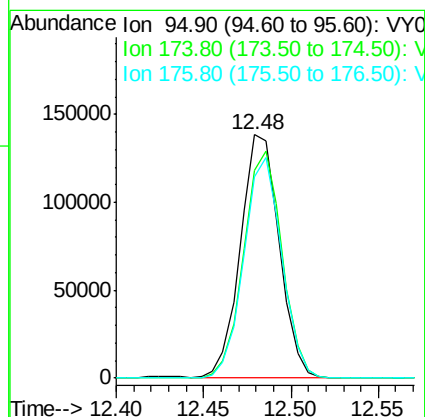
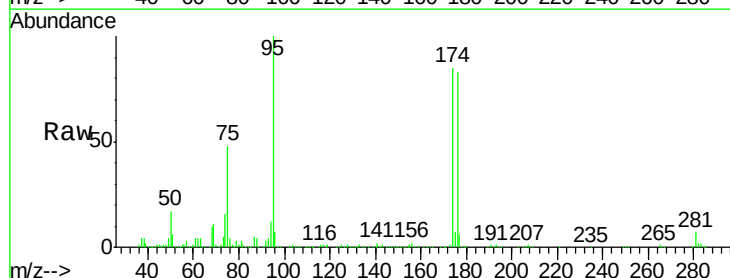
Tgt Ion: 95 Resp: 212858

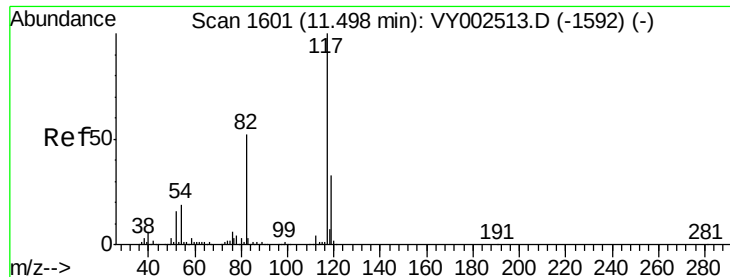
Ion Ratio Lower Upper

95 100

174 92.5 0.0 188.8

176 88.9 0.0 183.2

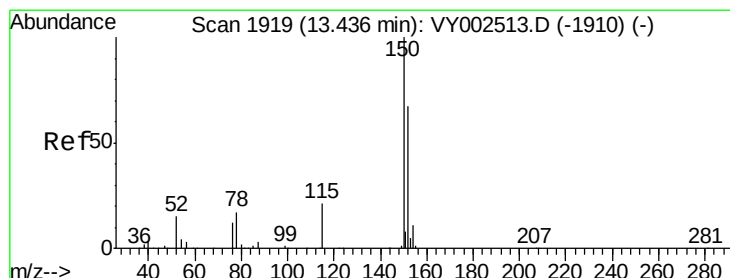
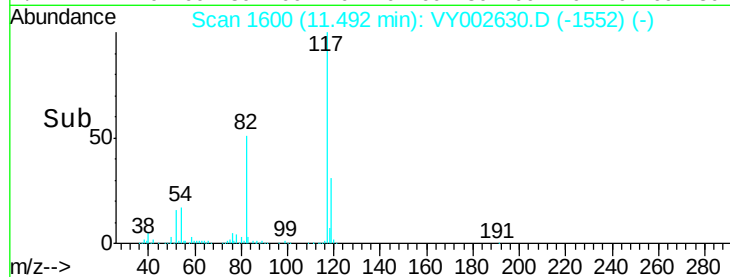
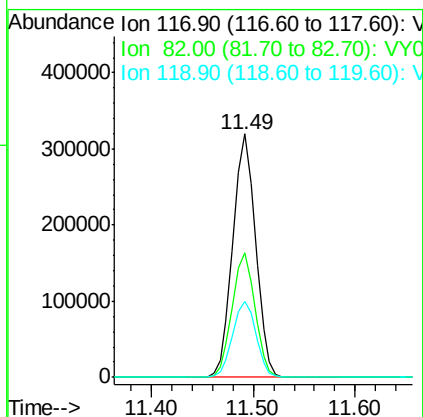
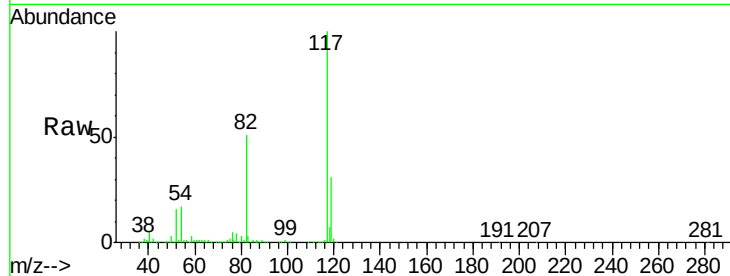




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002630.D
Acq: 07 May 2020 14:44

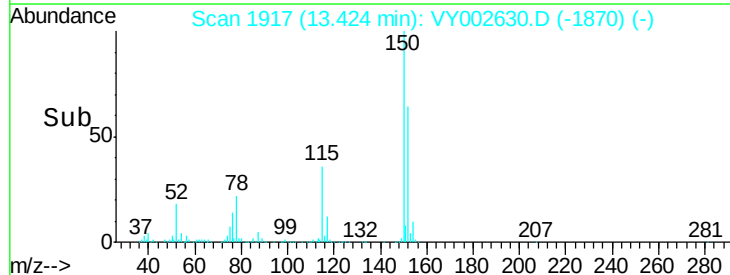
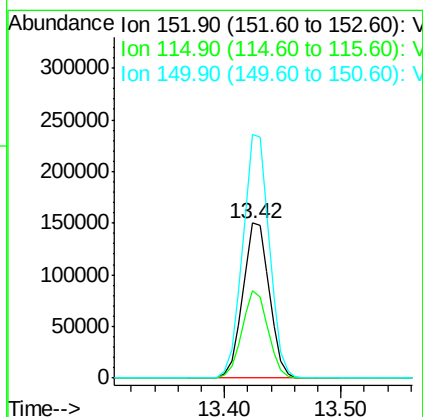
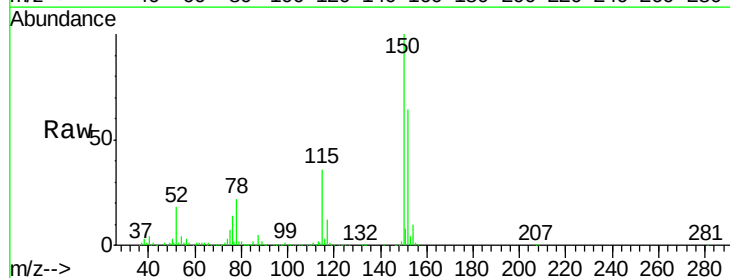
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-918-920

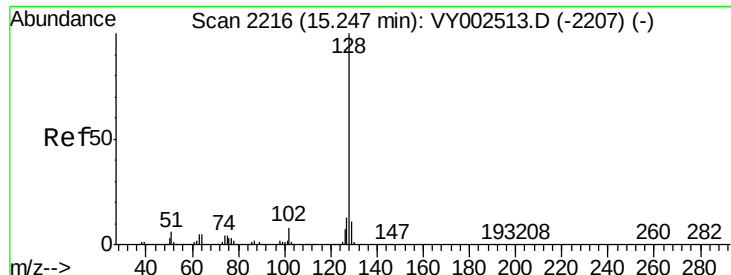
Tot Ion:117 Resp: 493059
Ion Ratio Lower Upper
117 100
82 51.1 41.3 61.9
119 31.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002630.D
Acq: 07 May 2020 14:44

Tgt Ion:152 Resp: 238789
Ion Ratio Lower Upper
152 100
115 54.7 27.5 82.4
150 156.9 0.0 346.4





#95

Naphthalene

Concen: 1.007 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002630.D

Acq: 07 May 2020 14:44

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-918-920

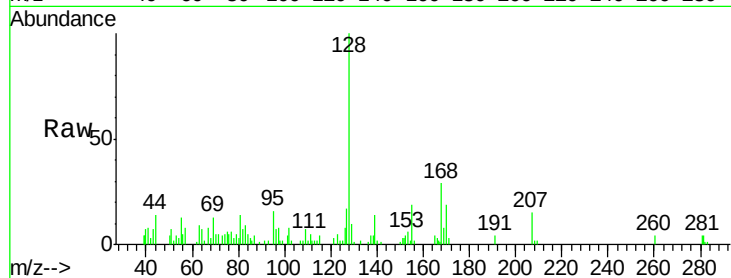
Tot Ion:128 Resp: 8709

Ion Ratio Lower Upper

128 100

127 17.6 10.5 15.7#

129 12.0 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

