

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003063.D
 Acq On : 01 Jul 2020 17:00
 Operator : SY/MD
 Sample : L3192-01
 Misc : 6.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-600-604

Quant Time: Jul 02 03:51:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

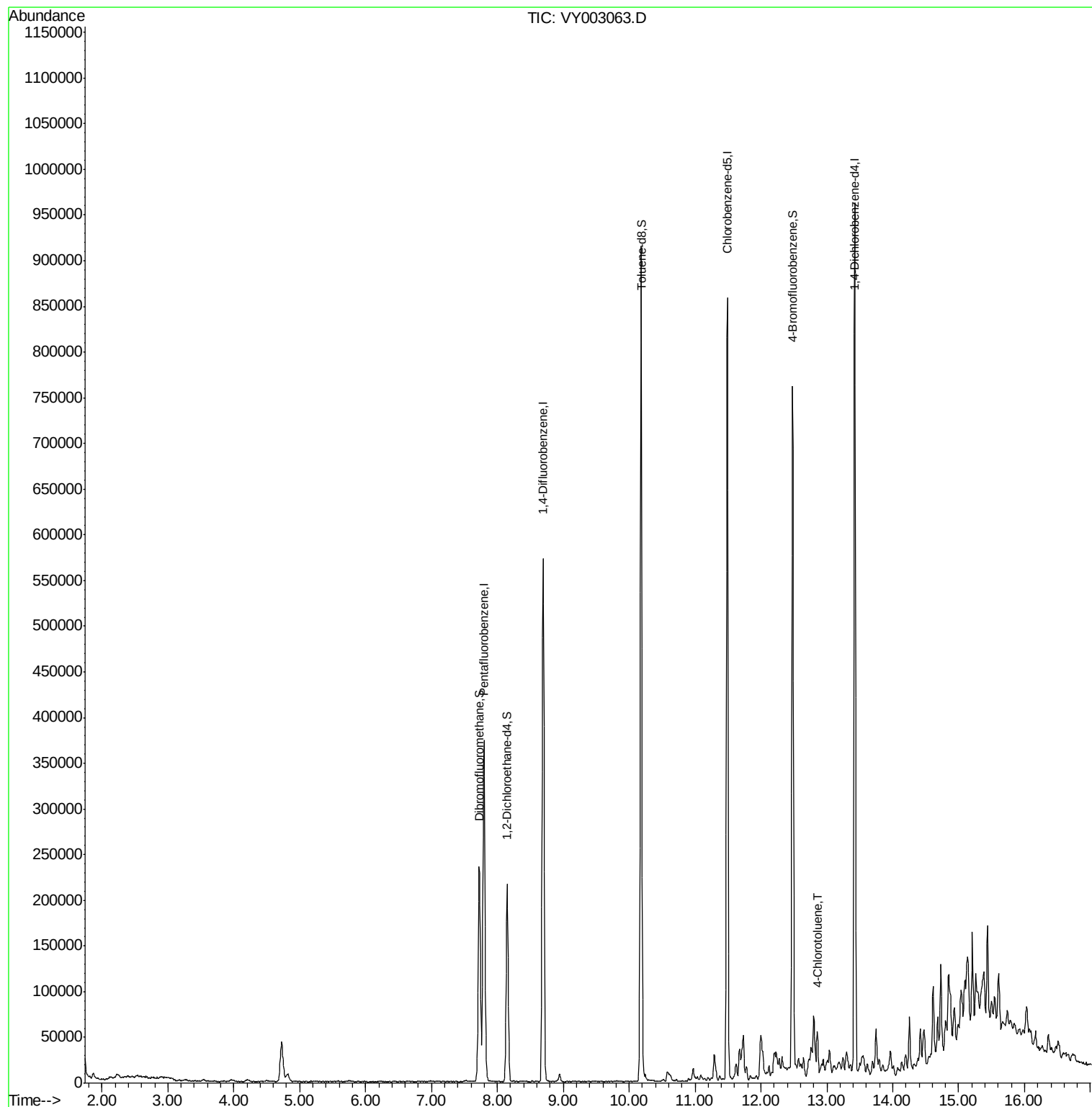
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	303805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	488199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	473392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171410	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
35) Dibromofluoromethane	7.72	113	163940	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	10.18	98	593441	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.48	95	212750	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
Target Compounds						
82) 4-Chlorotoluene	12.86	91	18590	1.679	ug/l	Qvalue 92

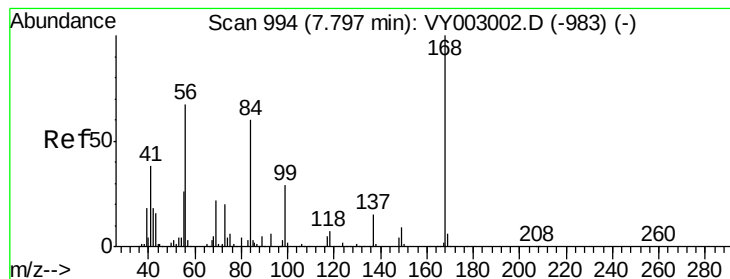
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

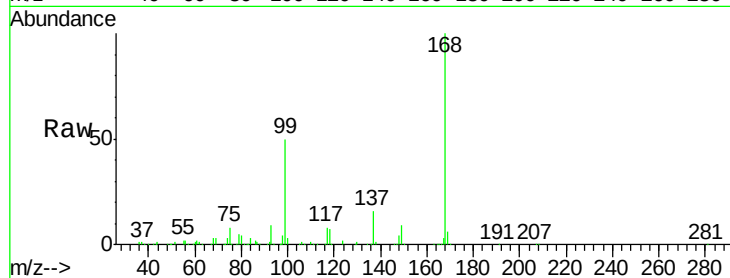
BP-MW180-SOIL-600-604

Tot Ion:168 Resp: 303805

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

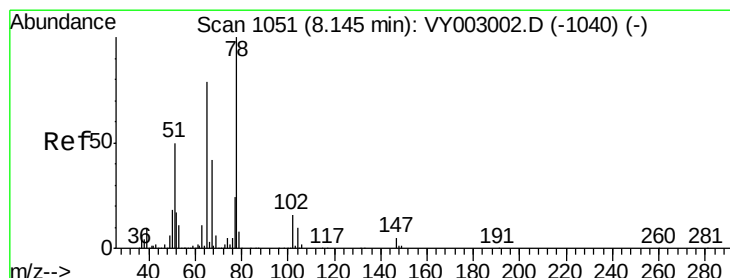
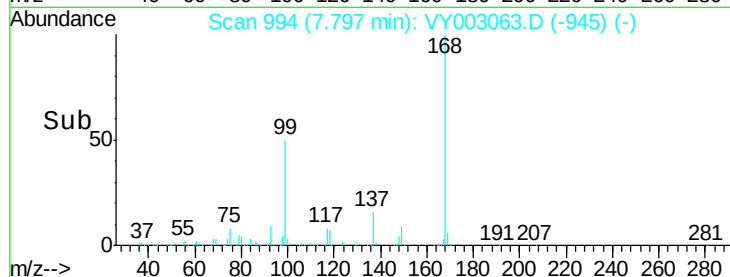
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.807 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003063.D

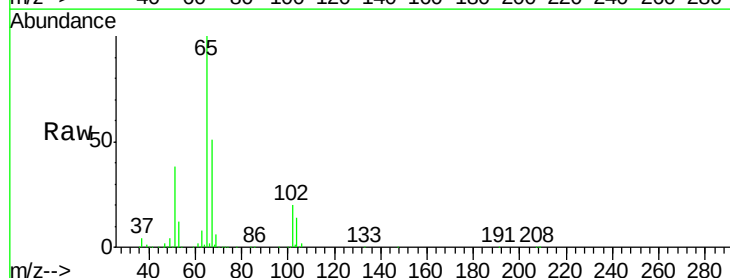
Acq: 01 Jul 2020 17:00

Tgt Ion: 65 Resp: 171410

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.15

80000

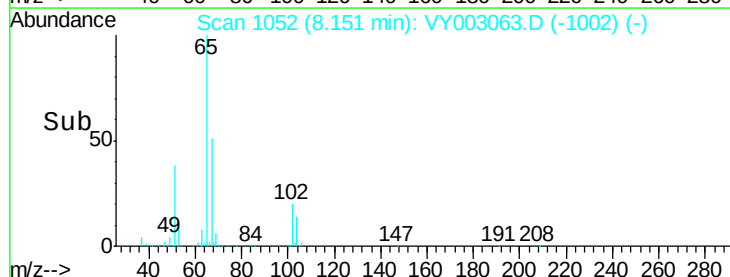
60000

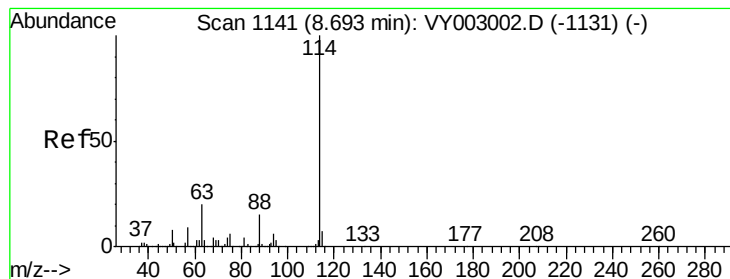
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-600-604

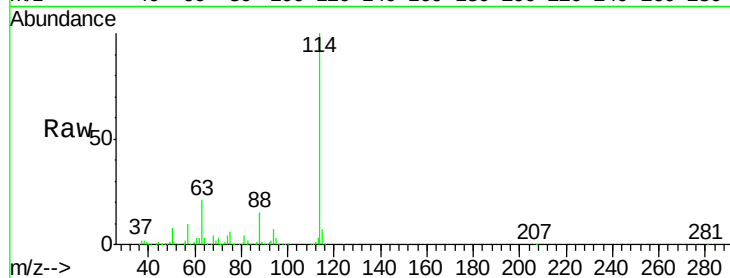
Tot Ion:114 Resp: 488199

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

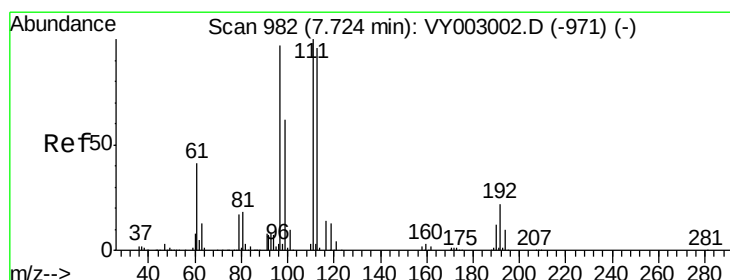
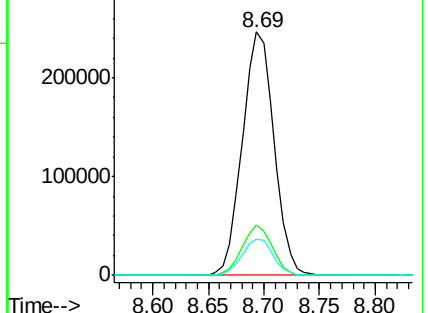
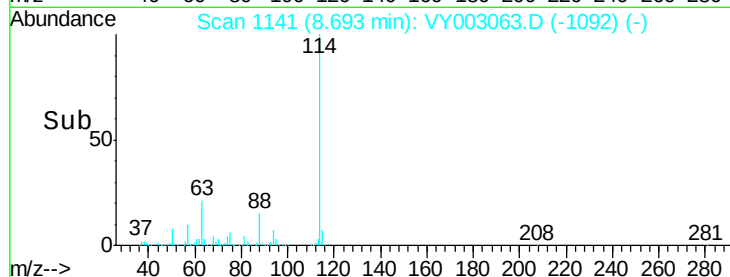
88 14.9 0.0 30.0



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: 53.831 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

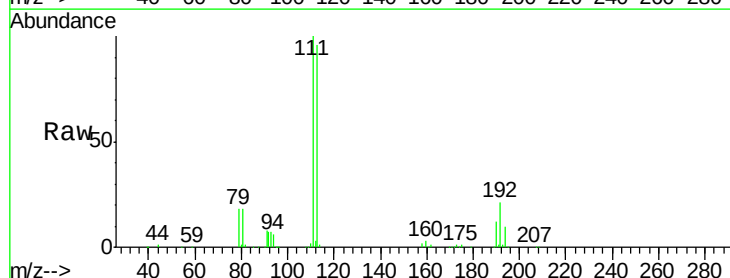
Tgt Ion:113 Resp: 163940

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

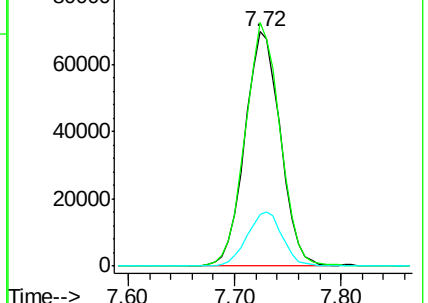
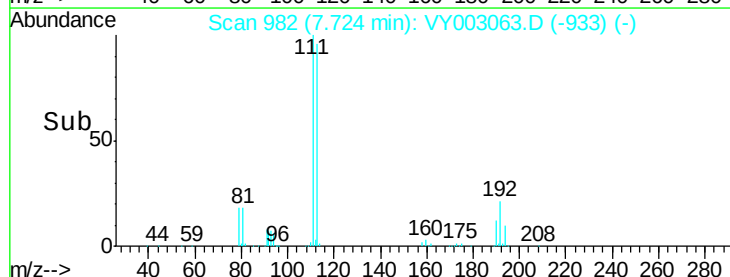
192 22.9 18.1 27.1

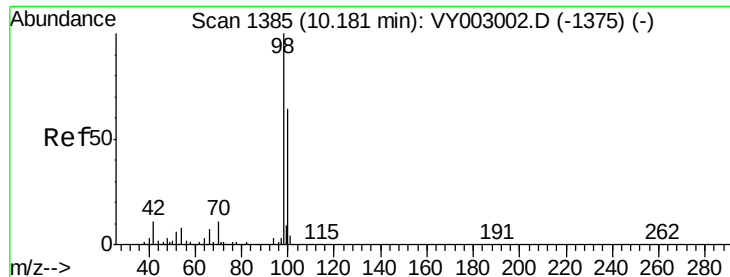


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.305 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

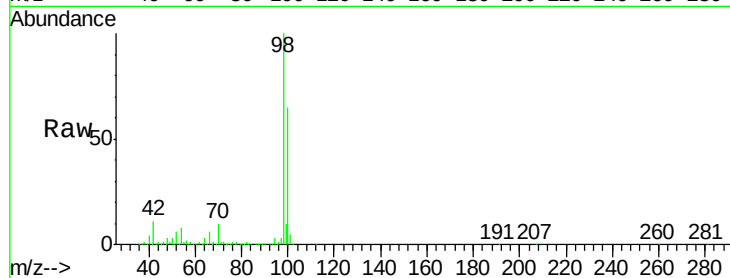
BP-MW180-SOIL-600-604

Tot Ion: 98 Resp: 593441

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

400000

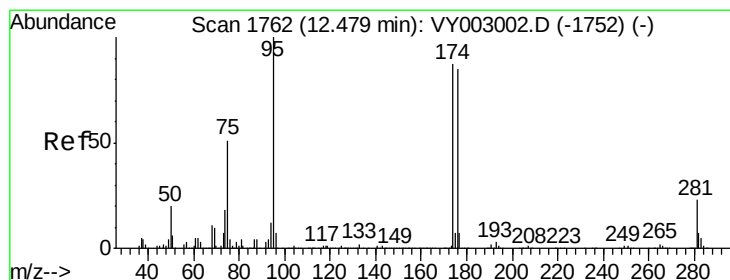
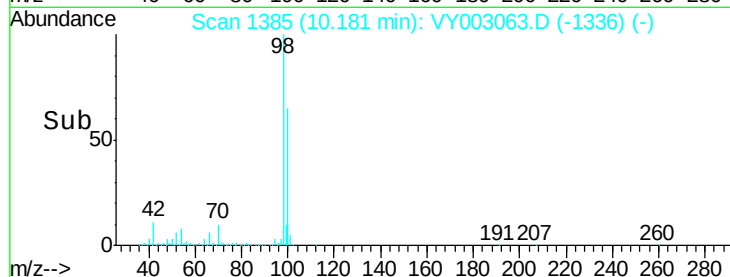
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.271 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

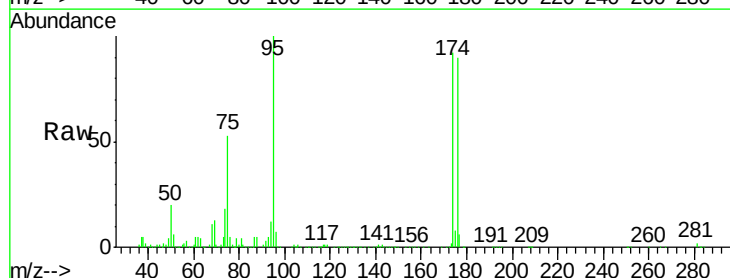
Tgt Ion: 95 Resp: 212750

Ion Ratio Lower Upper

95 100

174 95.2 0.0 184.8

176 91.5 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

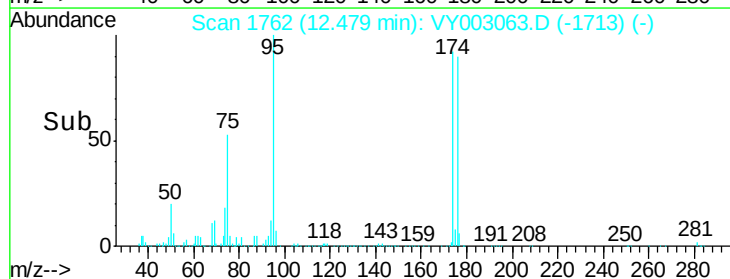
150000

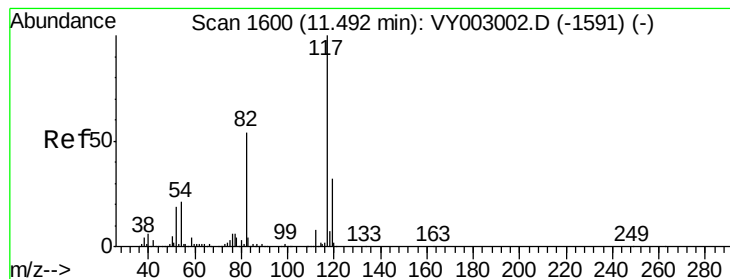
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-600-604

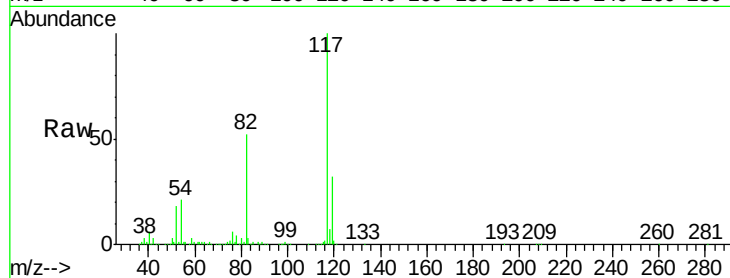
Tot Ion:117 Resp: 473392

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.6

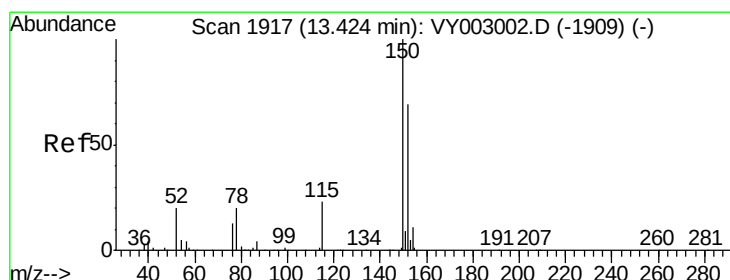
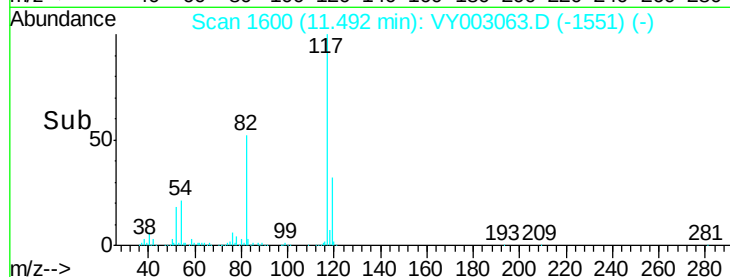
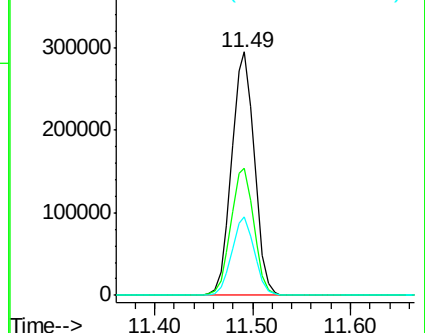
119 32.2 25.8 38.8



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: VY003063.D

Acq: 01 Jul 2020 17:00

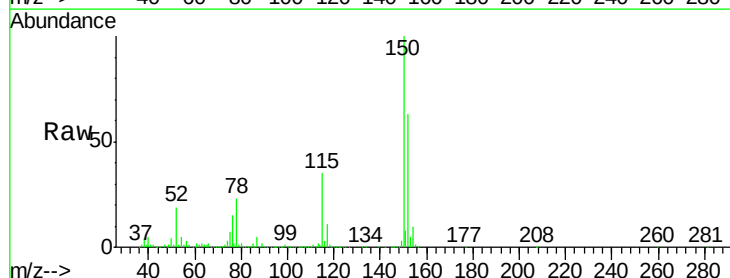
Tgt Ion:152 Resp: 242094

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

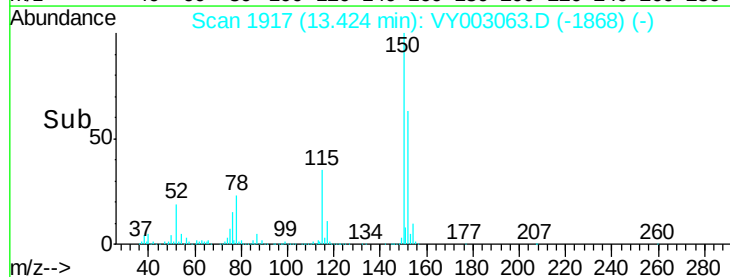
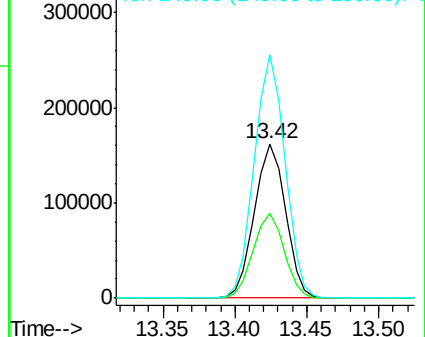
150 155.9 0.0 343.4

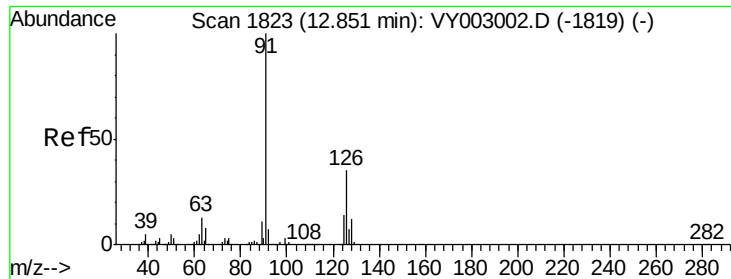


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#82
 4-Chlorotoluene
 Concen: 1.679 ug/l
 RT: 12.86 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: VY003063.D
 Acq: 01 Jul 2020 17:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-600-604

Tot Ion: 91 Resp: 18590
 Ion Ratio Lower Upper
 91 100
 126 39.4 17.4 52.3

