

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003092.D
 Acq On : 02 Jul 2020 17:58
 Operator : SY/MD
 Sample : L3212-01
 Misc : 7.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-616-618

Quant Time: Jul 03 04:17:33 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

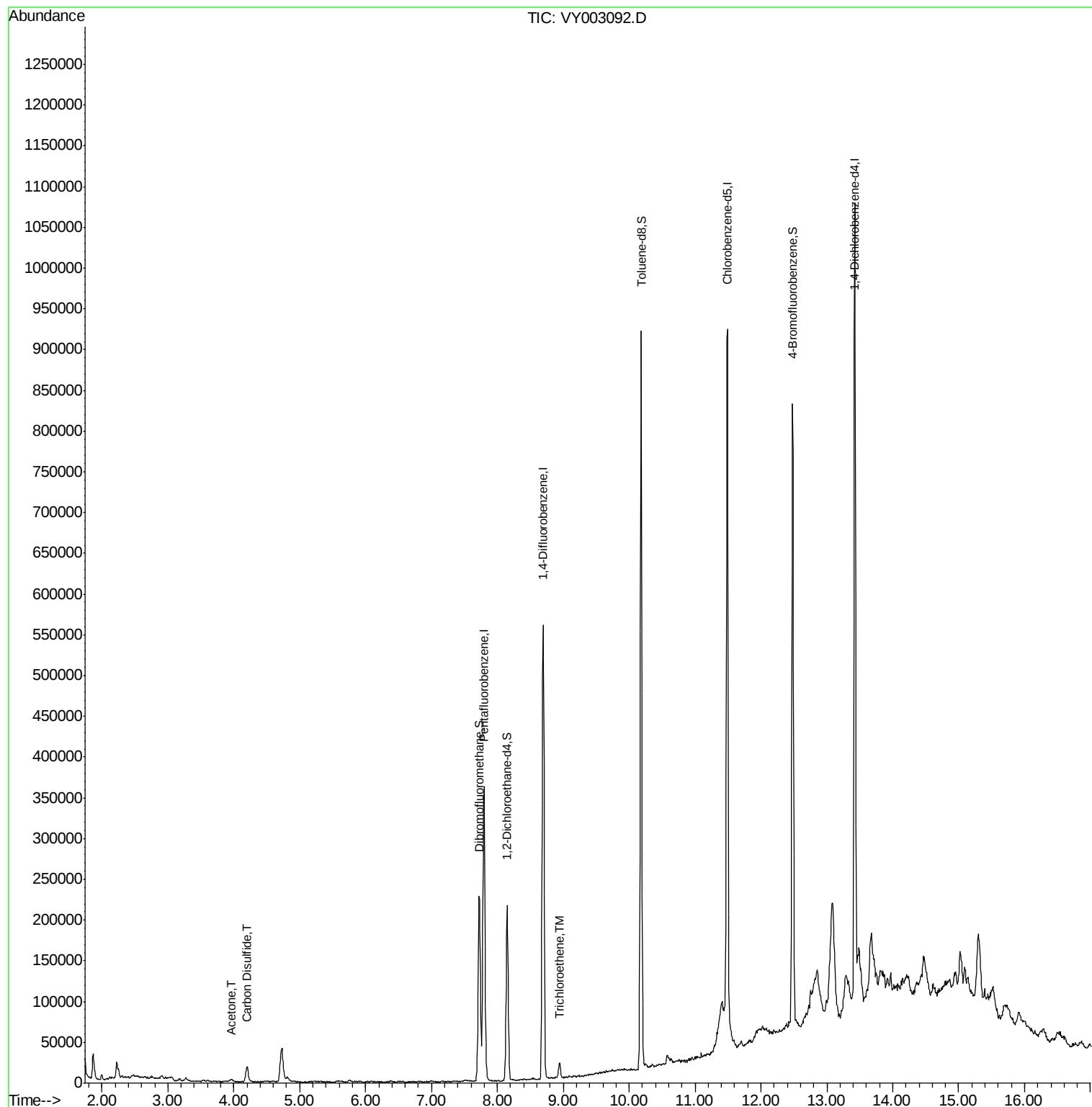
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	301737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	483442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	469853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	248192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	170315	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	7.72	113	160546	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
50) Toluene-d8	10.18	98	589708	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.48	95	218983	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.74%	
Target Compounds						
16) Acetone	3.96	43	5156	7.295	ug/l	99
17) Carbon Disulfide	4.19	76	38653	4.622	ug/l #	94
44) Trichloroethene	8.94	130	6764	1.825	ug/l	79

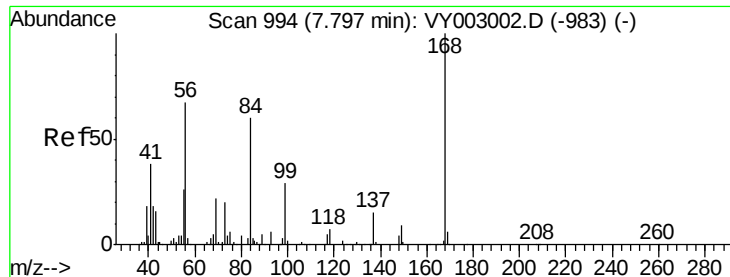
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003092.D

Acq: 02 Jul 2020 17:58

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MSVOA_Y

ClientSampleId :

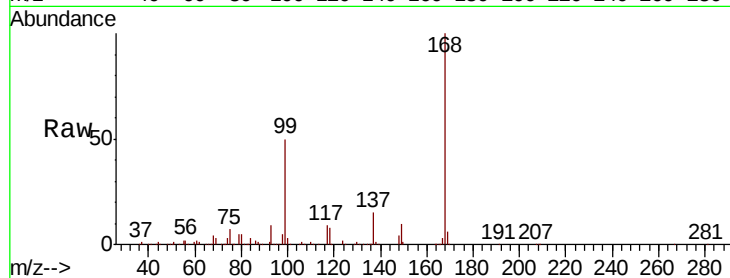
BP-MW180-SOIL-616-618

Tot Ion:168 Resp: 301737

Ion Ratio Lower Upper

168 100

99 50.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003092.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003092.D (-945) (-)

7.80

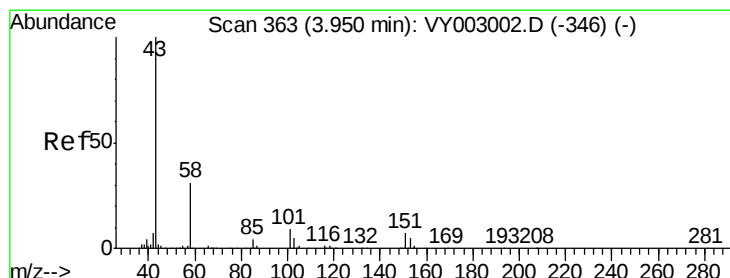
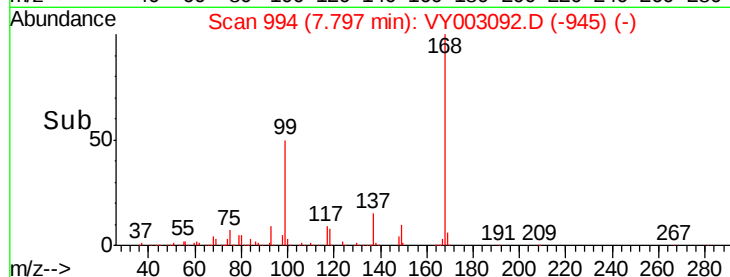
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.295 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003092.D

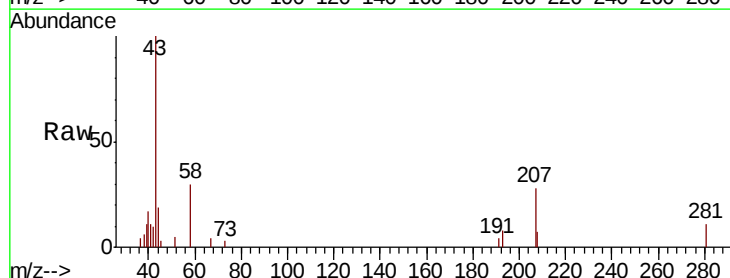
Acq: 02 Jul 2020 17:58

Tgt Ion: 43 Resp: 5156

Ion Ratio Lower Upper

43 100

58 30.5 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003092.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003092.D (-314) (-)

3.96

2000

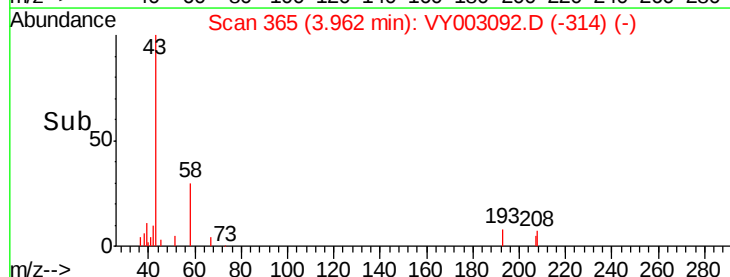
1500

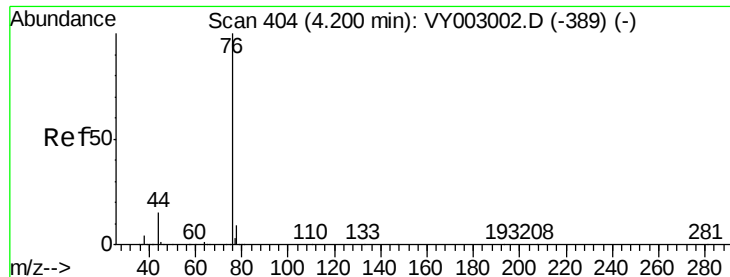
1000

500

0

Time-->

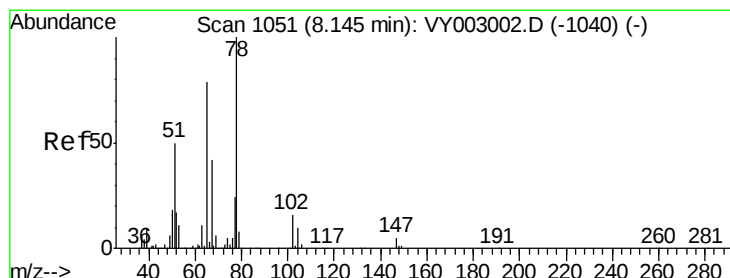
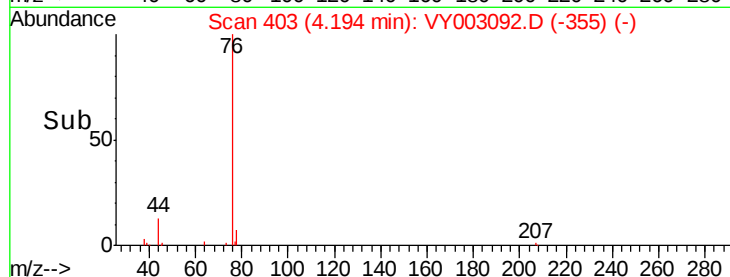
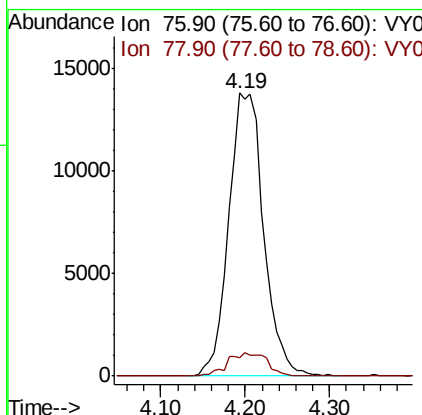
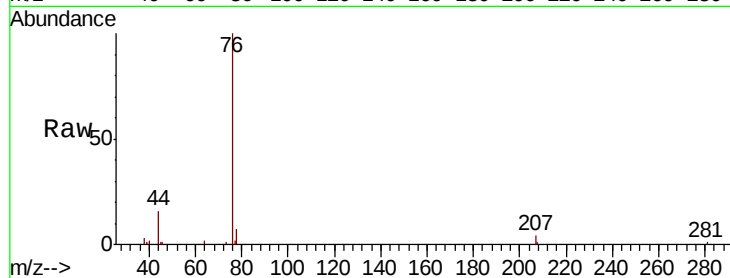




#17
Carbon Disulfide
Concen: 4.622 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003092.D
Acq: 02 Jul 2020 17:58

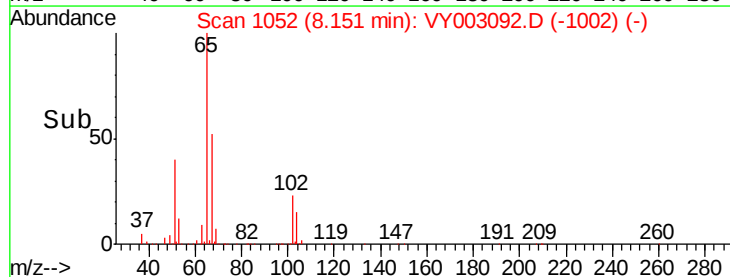
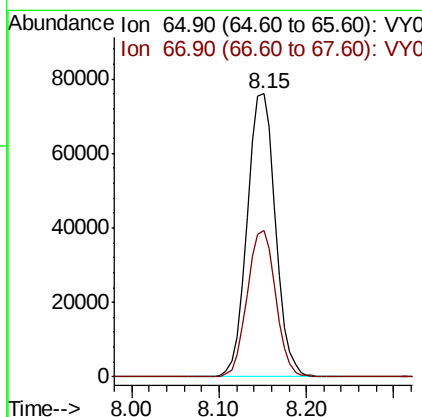
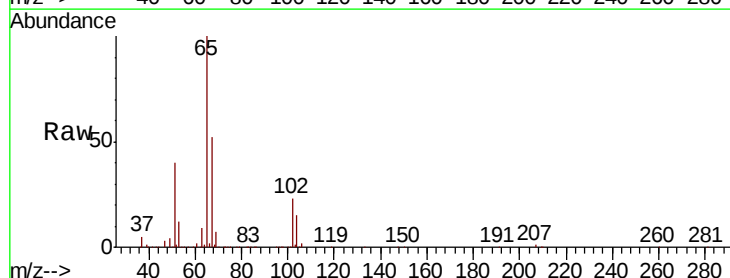
Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-616-618

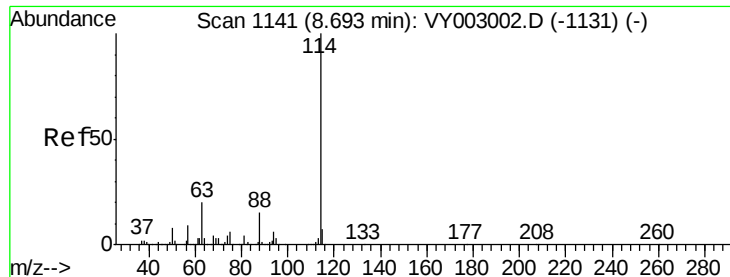
Tot Ion: 76 Resp: 38653
Ion Ratio Lower Upper
76 100
78 6.7 7.0 10.6#



#33
1,2-Dichloroethane-d4
Concen: 56.831 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003092.D
Acq: 02 Jul 2020 17:58

Tgt Ion: 65 Resp: 170315
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6

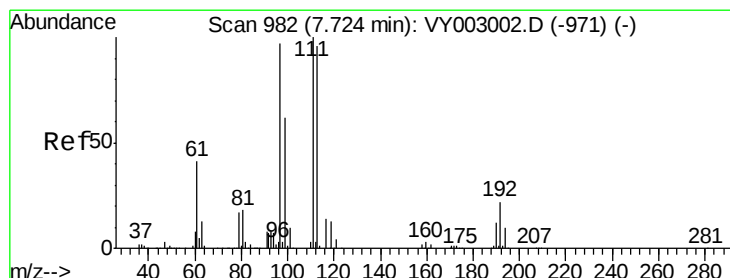
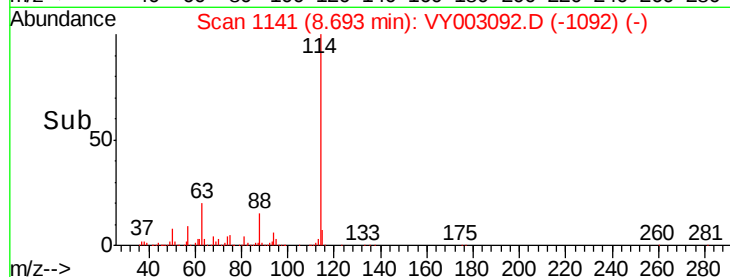
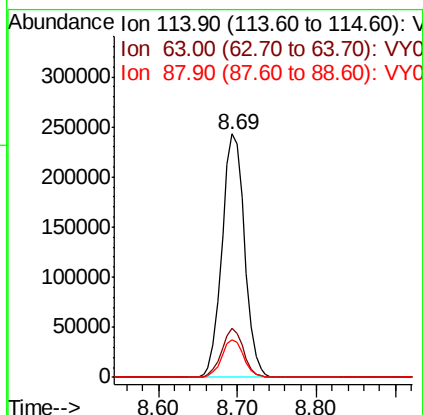
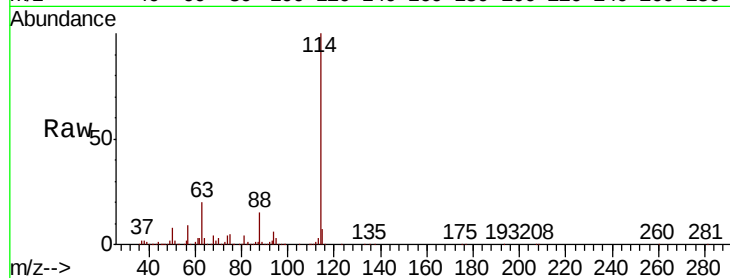




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003092.D
 Acq: 02 Jul 2020 17:58

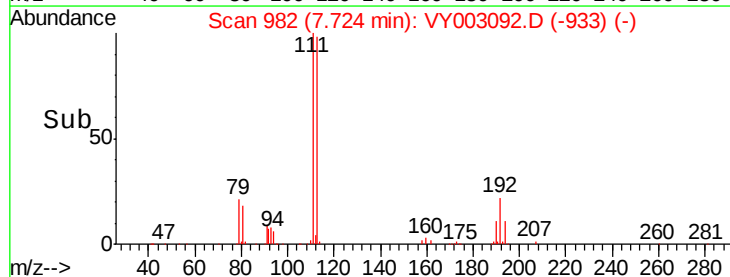
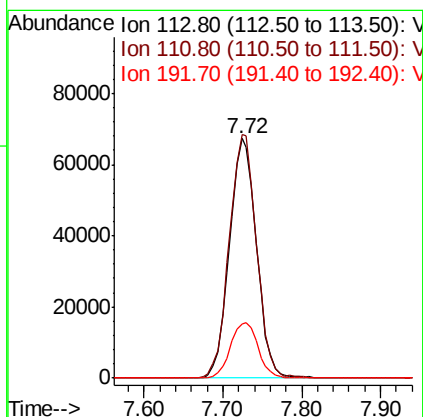
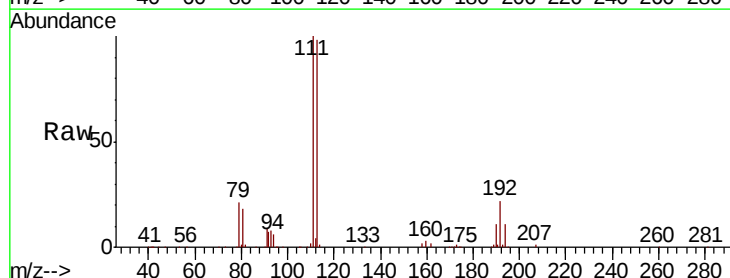
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-616-618

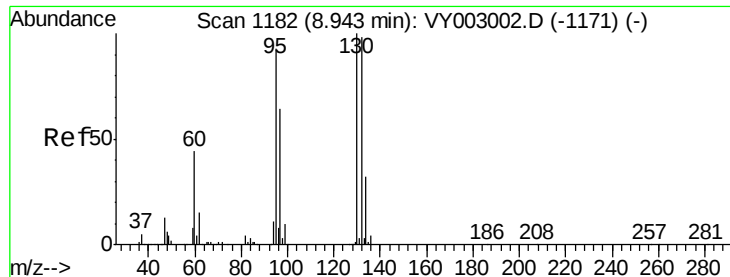
Tot Ion:114 Resp: 483442
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.3 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 53.235 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003092.D
 Acq: 02 Jul 2020 17:58

Tgt Ion:113 Resp: 160546
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.6 123.8
 192 23.5 18.1 27.1





#44

Trichloroethene

Concen: 1.825 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003092.D

Acq: 02 Jul 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

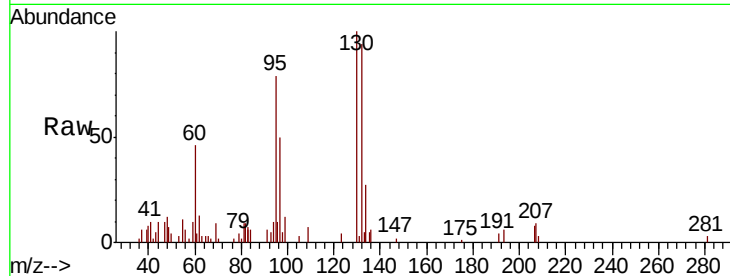
BP-MW180-SOIL-616-618

Tot Ion:130 Resp: 6764

Ion Ratio Lower Upper

130 100

95 73.1 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003092.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003092.D (-1133) (-)

8.94

4000

3000

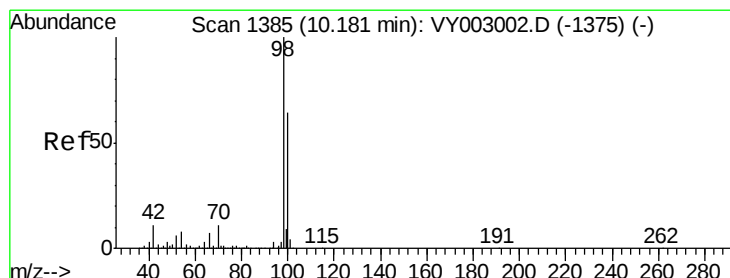
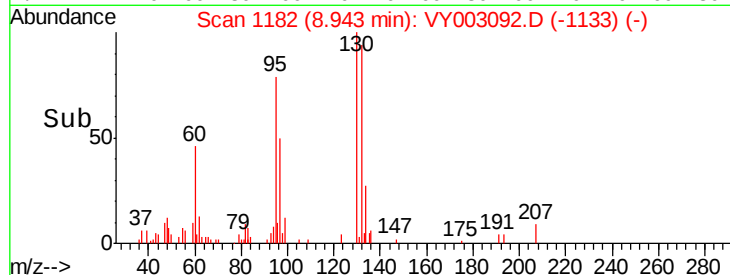
2000

1000

0

8.85 8.90 8.95 9.00

Time-->



#50

Toluene-d8

Concen: 52.488 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003092.D

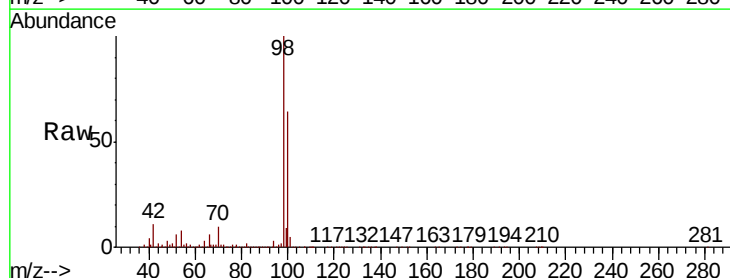
Acq: 02 Jul 2020 17:58

Tgt Ion: 98 Resp: 589708

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY003092.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY003092.D (-1336) (-)

10.18

400000

300000

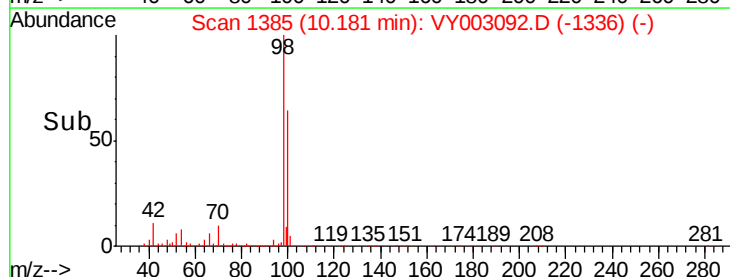
200000

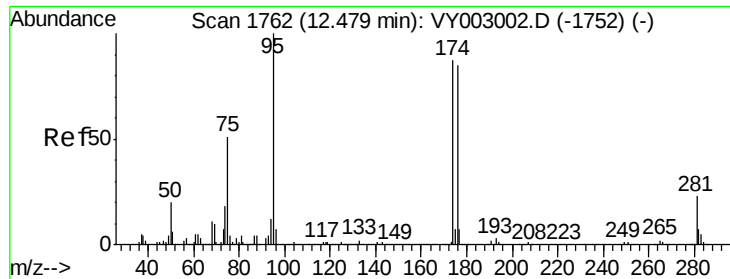
100000

0

10.10 10.20 10.30

Time-->





#62

4-Bromofluorobenzene

Concen: 55.371 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003092.D

Acq: 02 Jul 2020 17:58

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-616-618

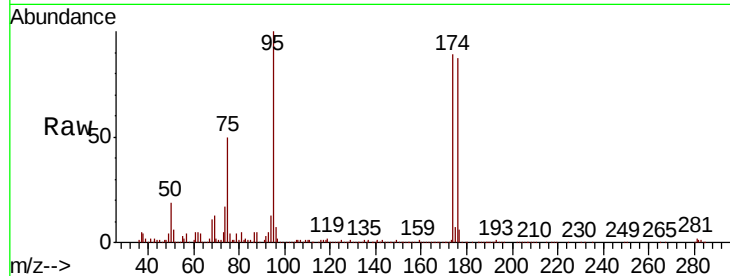
Tot Ion: 95 Resp: 218983

Ion Ratio Lower Upper

95 100

174 93.4 0.0 184.8

176 91.4 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003092.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003092.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003092.D (-1752) (-)

12.48

150000

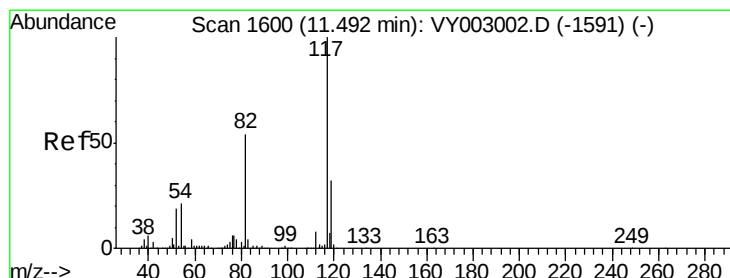
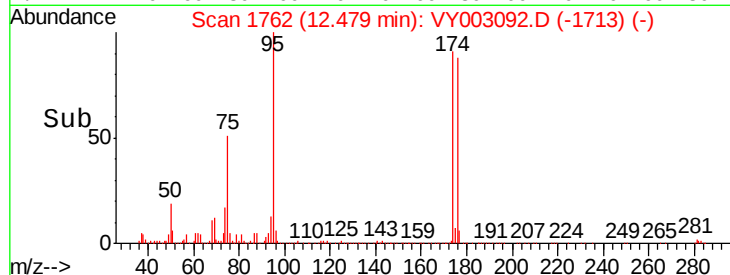
100000

50000

0

12.40 12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003092.D

Acq: 02 Jul 2020 17:58

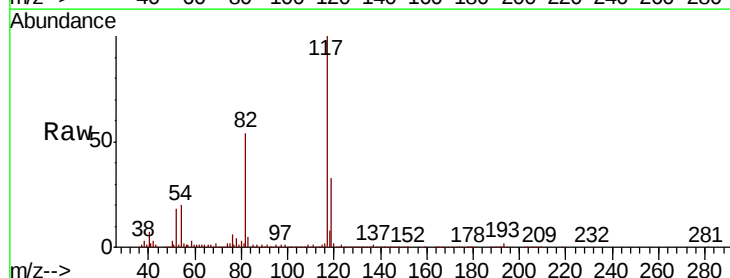
Tgt Ion: 117 Resp: 469853

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.6

119 33.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VY003092.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003092.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003092.D (-1591) (-)

11.49

400000

300000

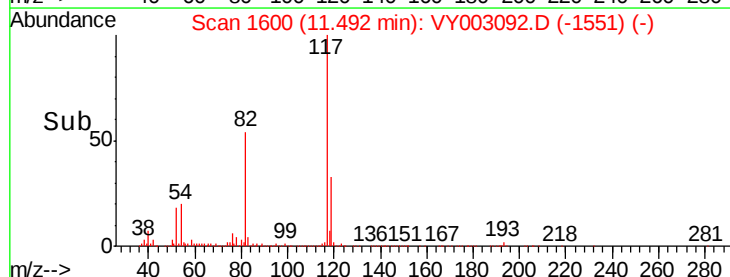
200000

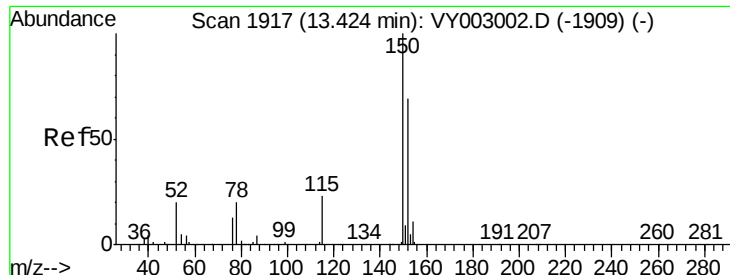
100000

0

11.40 11.50 11.60

Time-->



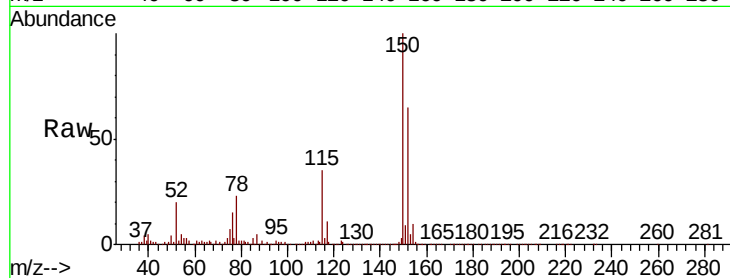


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY003092.D
 Acq: 02 Jul 2020 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-616-618

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.3	81.9
150	156.2	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

