

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003065.D
 Acq On : 01 Jul 2020 17:47
 Operator : SY/MD
 Sample : L3192-03
 Misc : 7.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-610-614

Quant Time: Jul 02 03:19:23 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

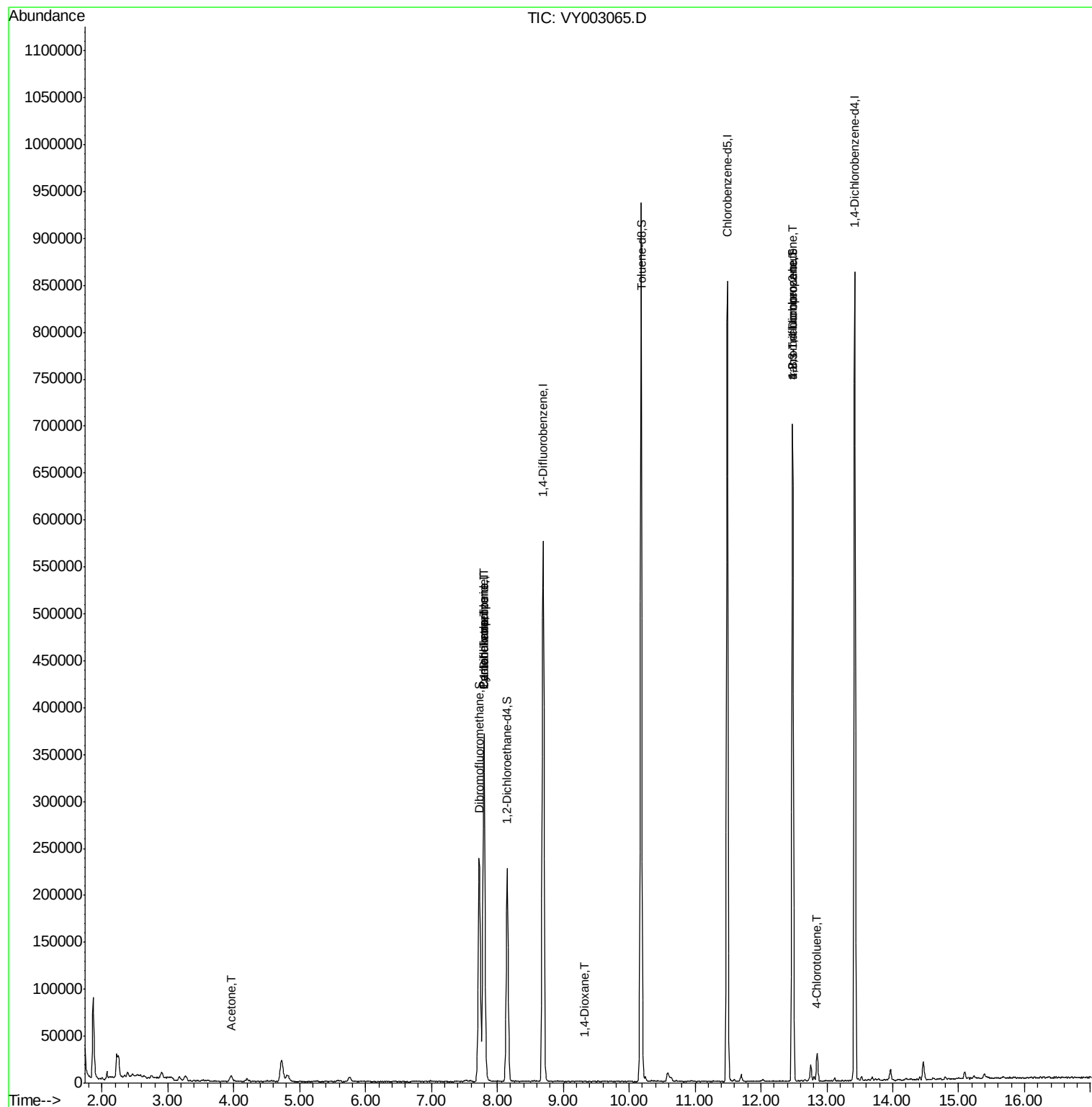
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	495870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	218972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	178102	58.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.72%	
35) Dibromofluoromethane	7.72	113	168310	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
50) Toluene-d8	10.18	98	598178	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.48	95	202720	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
Target Compounds						
16) Acetone	3.96	43	10370	14.532	ug/l	98
20) Methylene Chloride	4.72	84	17865	Below Cal		98
31) Cyclohexane	7.80	56	5697	1.071	ug/l #	17
36) 1,1-Dichloropropene	7.80	75	21658	4.534	ug/l #	50
38) Carbon Tetrachloride	7.80	117	27176	5.468	ug/l #	16
49) 1,4-Dioxane	9.31	88	27	1.126	ug/l #	23
76) 1,2,3-Trichloropropane	12.48	75	104053	48.014	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	104053	93.415	ug/l #	12
82) 4-Chlorotoluene	12.85	91	16629	1.660	ug/l	99

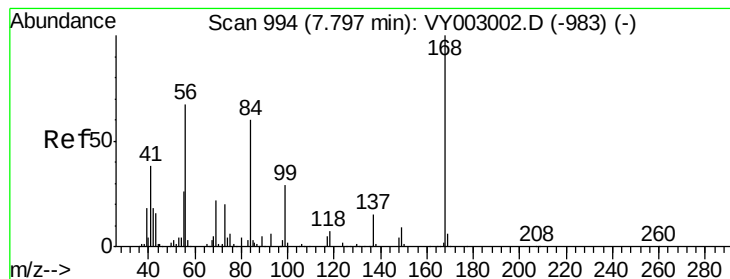
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
Data File : VY003065.D
Acq On : 01 Jul 2020 17:47
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ClientSampleId :
BP-MW180-SOIL-610-614

Quant Time: Jul 02 03:19:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
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: VY003065.D

Acq: 01 Jul 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

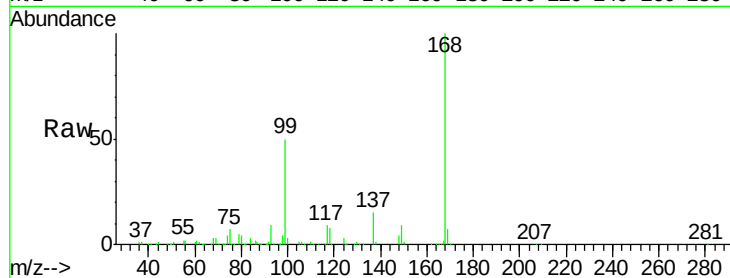
BP-MW180-SOIL-610-614

Tot Ion:168 Resp: 304635

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

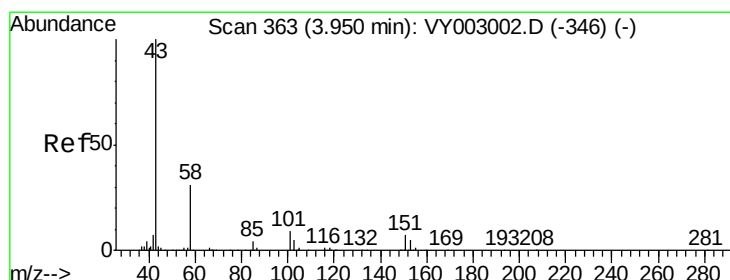
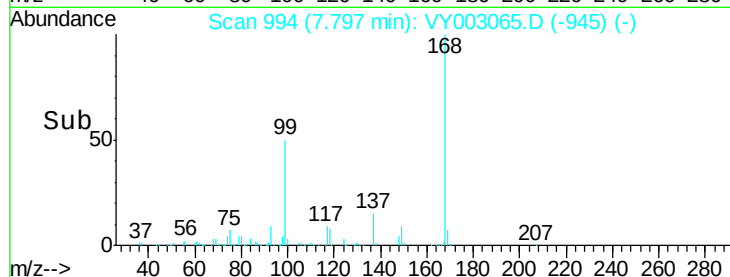
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.532 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003065.D

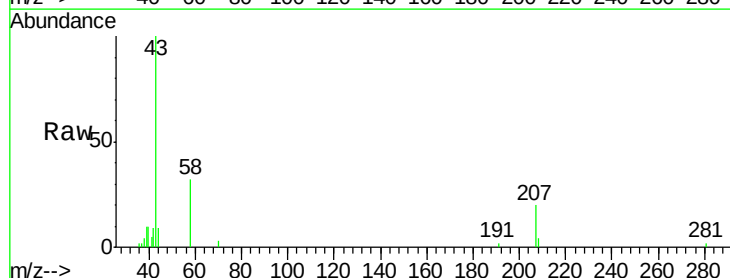
Acq: 01 Jul 2020 17:47

Tgt Ion: 43 Resp: 10370

Ion Ratio Lower Upper

43 100

58 32.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.96

4000

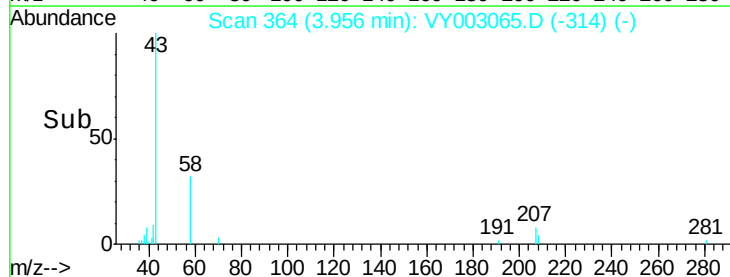
3000

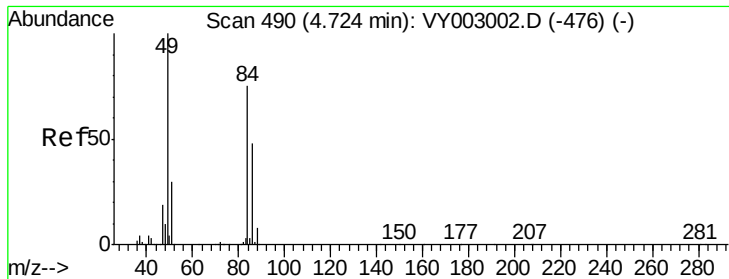
2000

1000

0

Time-->

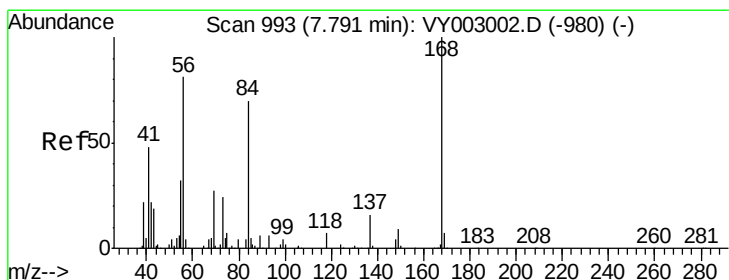
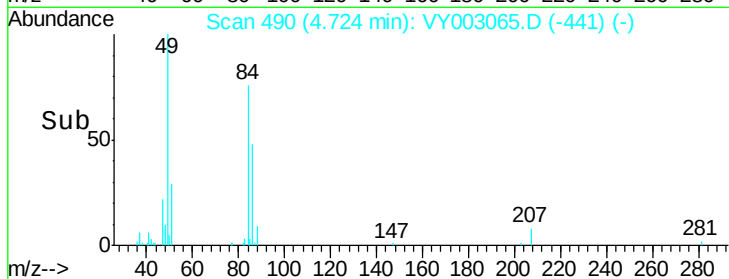
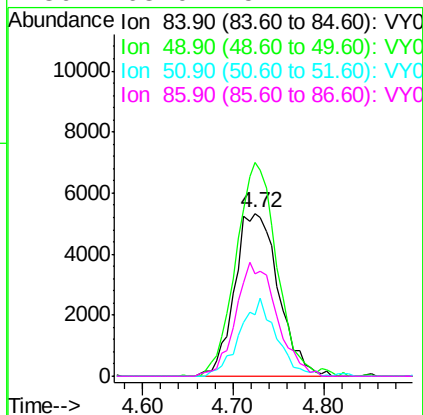
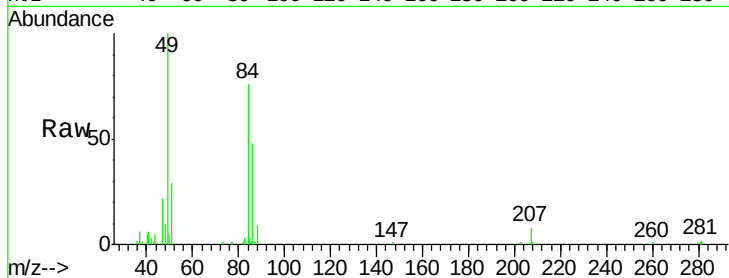




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003065.D
Acq: 01 Jul 2020 17:47

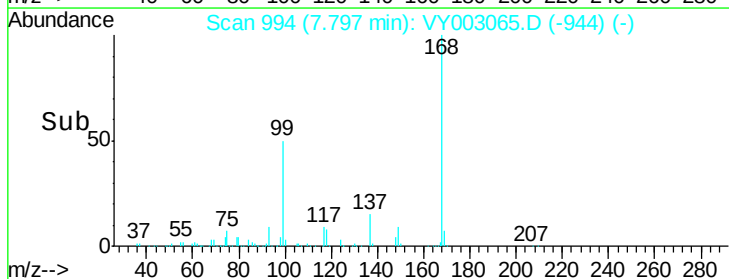
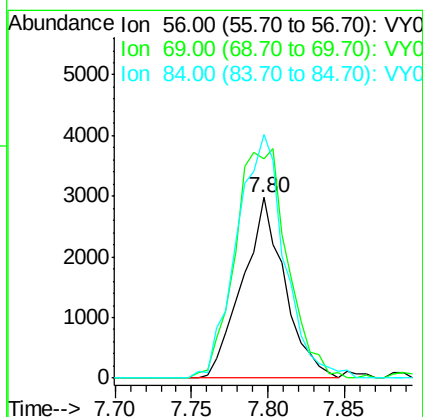
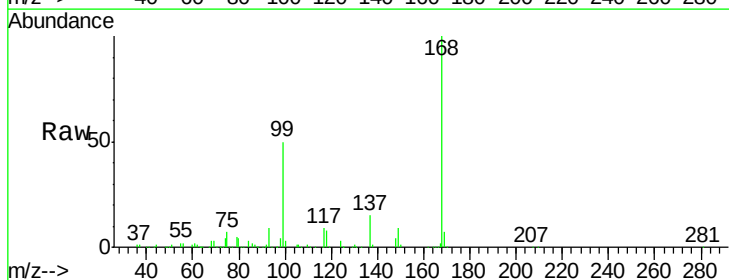
Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-610-614

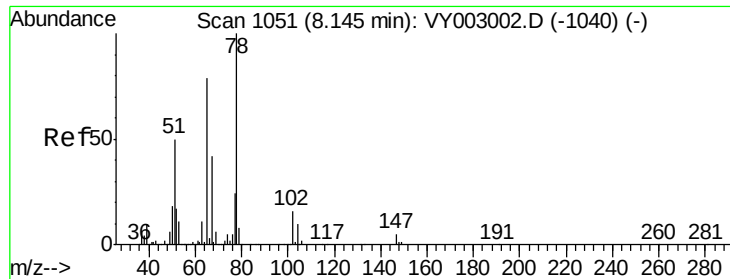
Tot Ion: 84 Resp: 17865
Ion Ratio Lower Upper
84 100
49 131.3 106.8 160.2
51 37.6 32.0 48.0
86 63.0 51.4 77.2



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY003065.D
Acq: 01 Jul 2020 17:47

Tgt Ion: 56 Resp: 5697
Ion Ratio Lower Upper
56 100
69 121.3 27.0 40.4#
84 134.9 68.1 102.1#

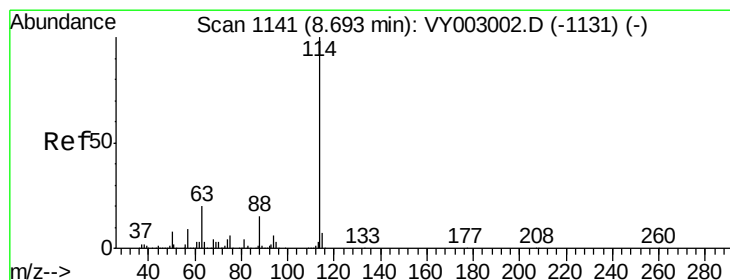
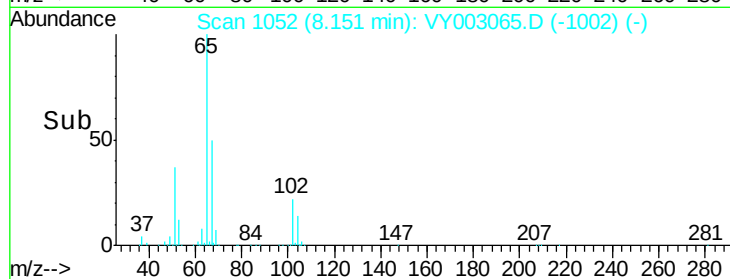
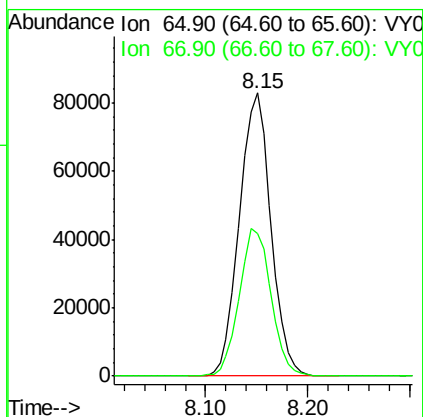
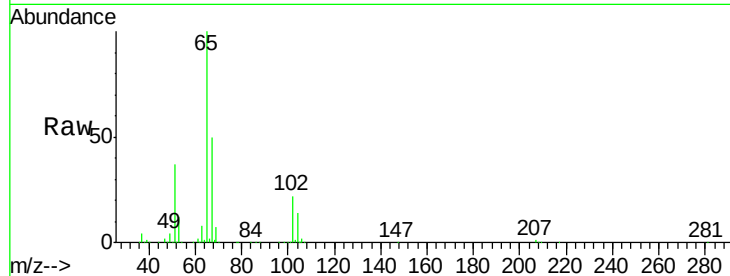




#33
 1,2-Dichloroethane-d4
 Concen: 58.864 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003065.D
 Acq: 01 Jul 2020 17:47

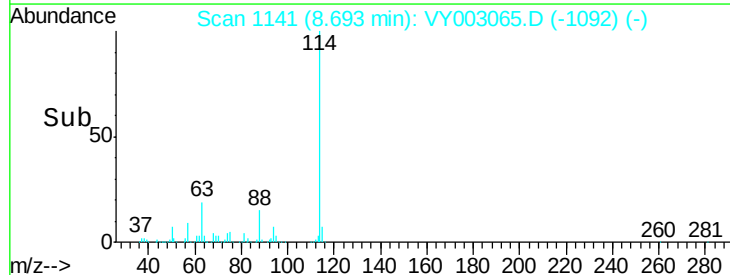
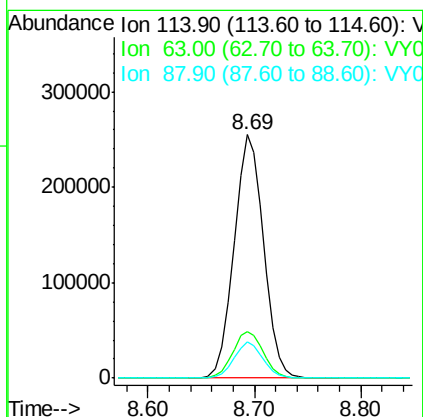
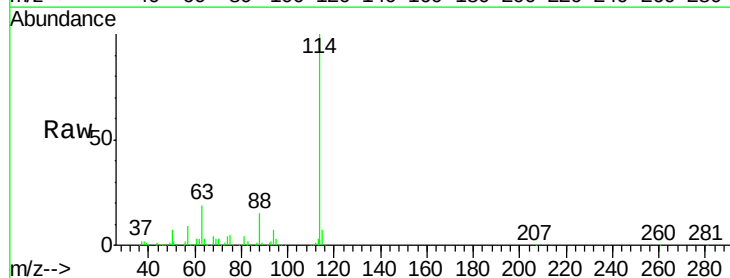
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-610-614

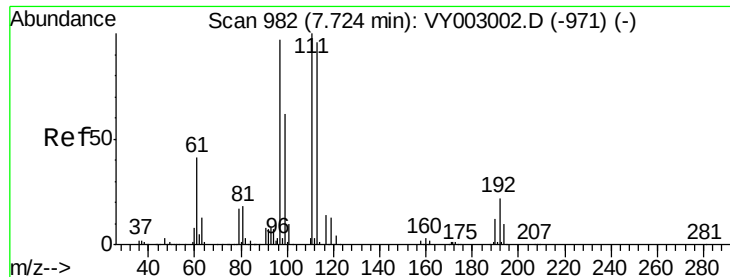
Tot Ion: 65 Resp: 178102
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003065.D
 Acq: 01 Jul 2020 17:47

Tgt Ion: 114 Resp: 495870
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.6
 88 14.9 0.0 30.0

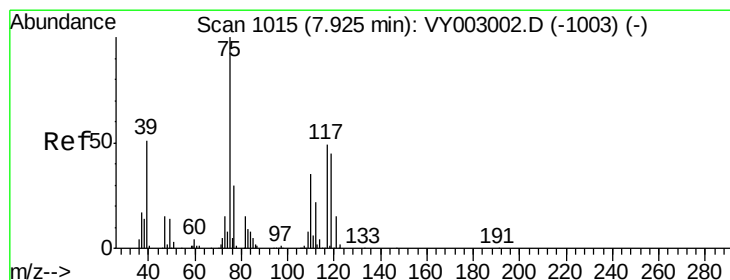
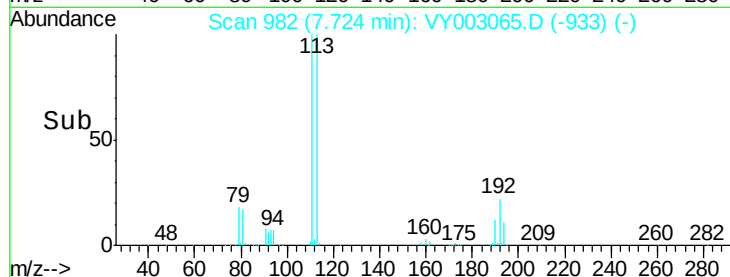
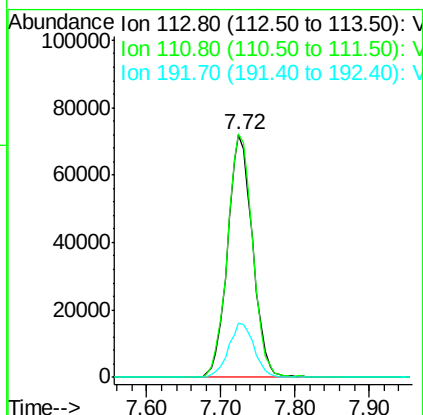
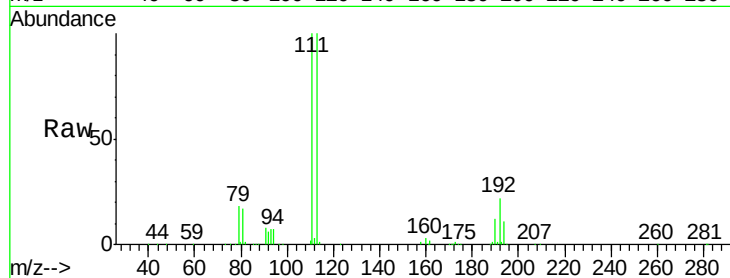




#35
 Dibromofluoromethane
 Concen: 54.411 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003065.D
 Acq: 01 Jul 2020 17:47

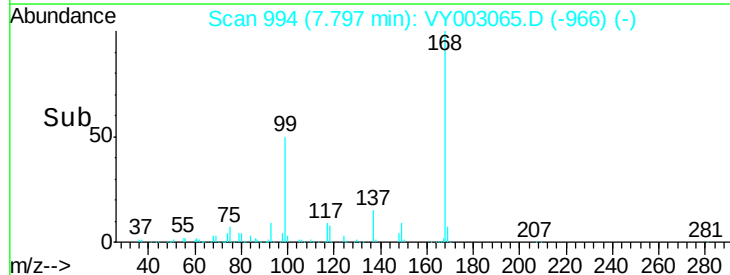
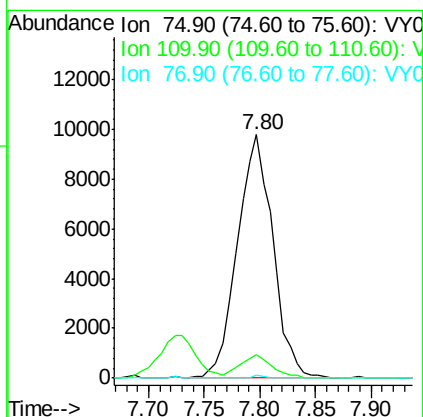
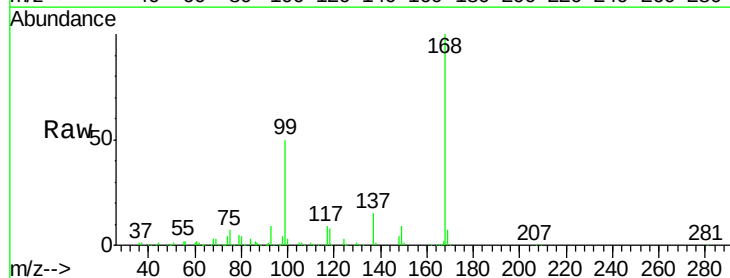
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-610-614

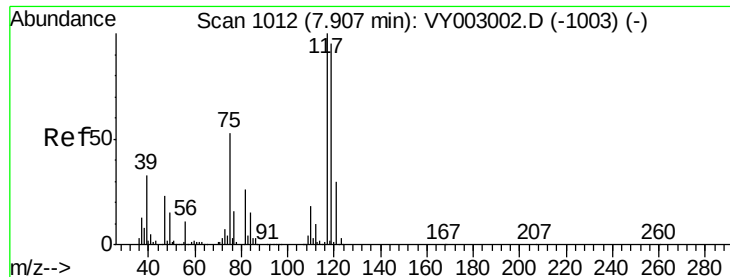
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	22.7	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.534 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY003065.D
 Acq: 01 Jul 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.1	51.2#
77	0.3	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.468 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY003065.D

Acq: 01 Jul 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-610-614

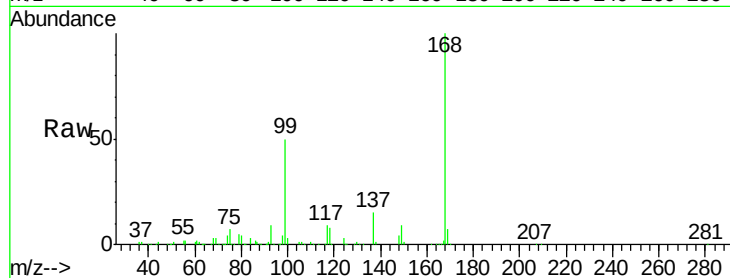
Tot Ion:117 Resp: 27176

Ion Ratio Lower Upper

117 100

119 4.6 75.7 113.5#

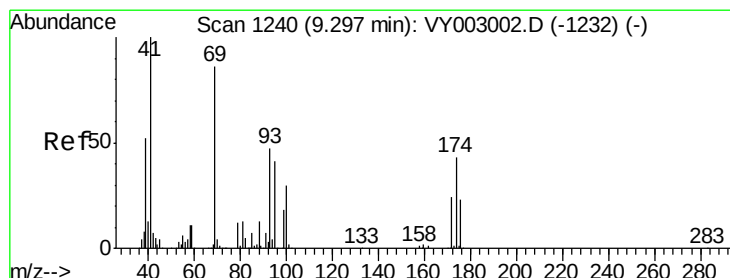
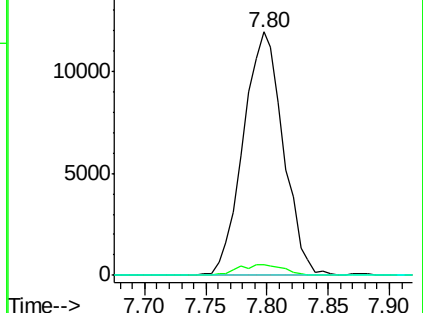
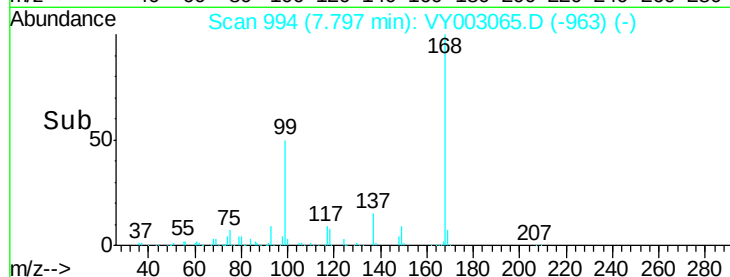
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 1.126 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.02 min

Lab File: VY003065.D

Acq: 01 Jul 2020 17:47

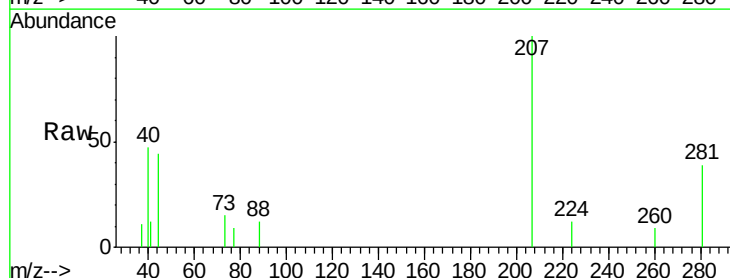
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

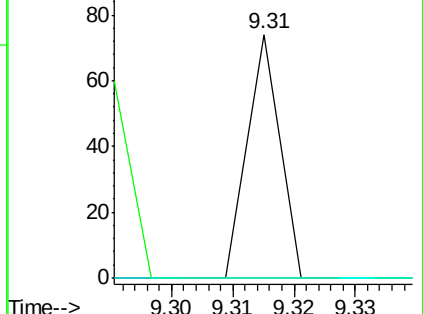
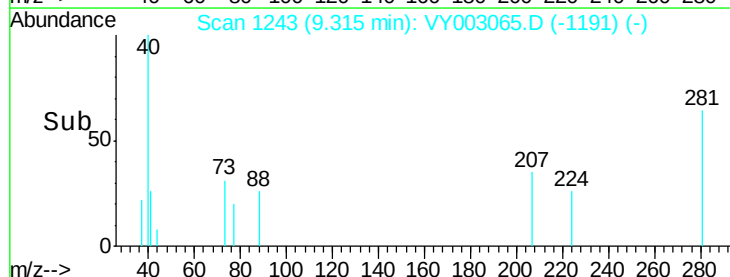
58 0.0 56.7 85.1#

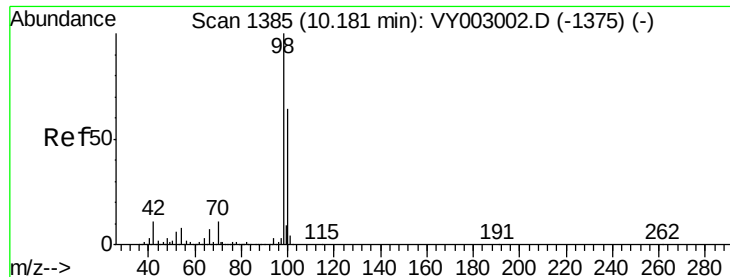


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 51.907 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003065.D

Acq: 01 Jul 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

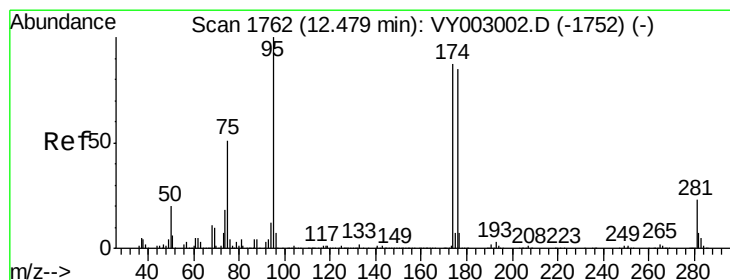
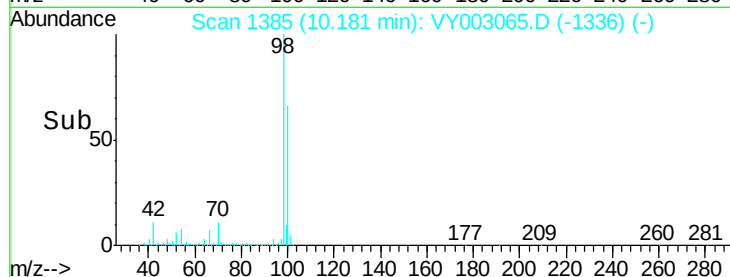
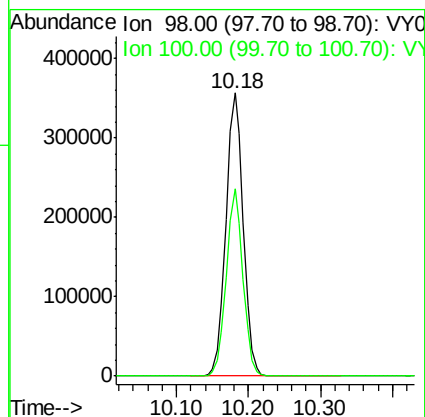
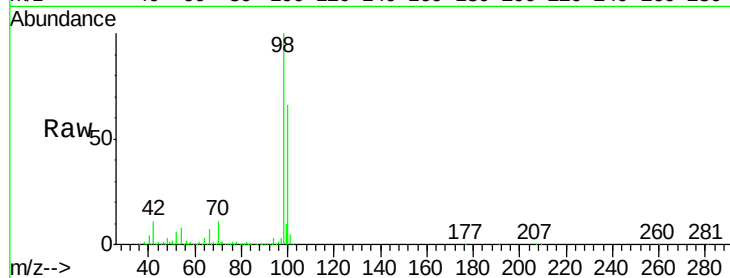
BP-MW180-SOIL-610-614

Tot Ion: 98 Resp: 598178

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.975 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003065.D

Acq: 01 Jul 2020 17:47

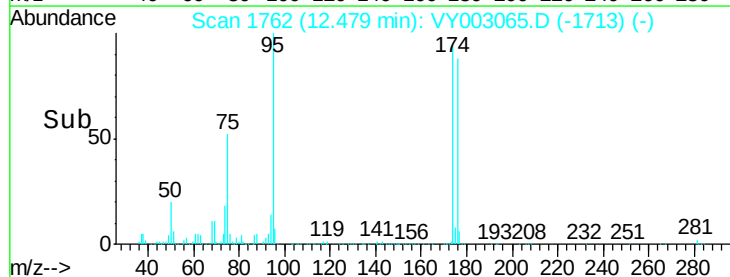
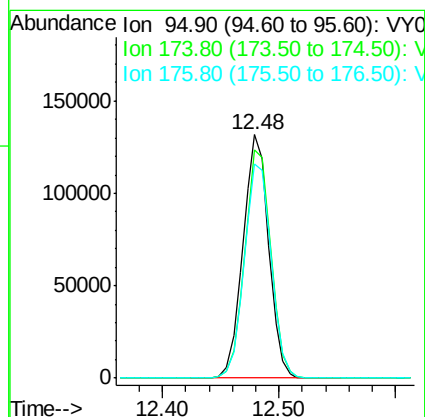
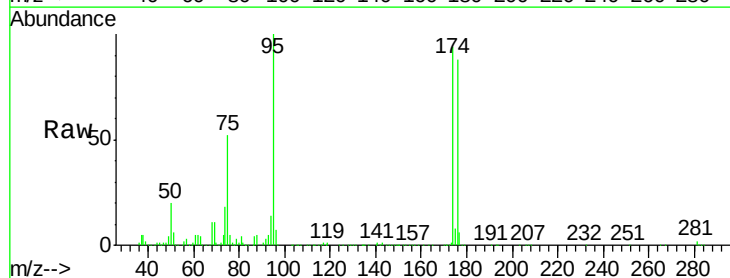
Tgt Ion: 95 Resp: 202720

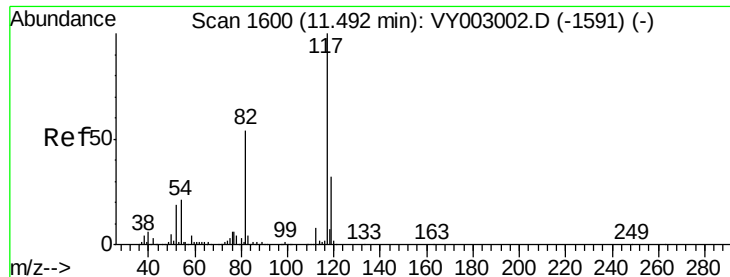
Ion Ratio Lower Upper

95 100

174 95.6 0.0 184.8

176 92.1 0.0 183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003065.D

Acq: 01 Jul 2020 17:47

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-610-614

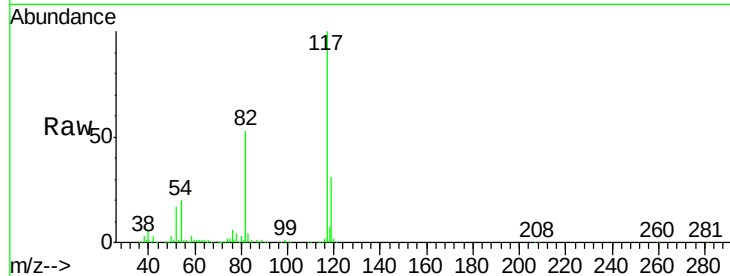
Tot Ion:117 Resp: 470292

Ion Ratio Lower Upper

117 100

82 53.0 43.0 64.6

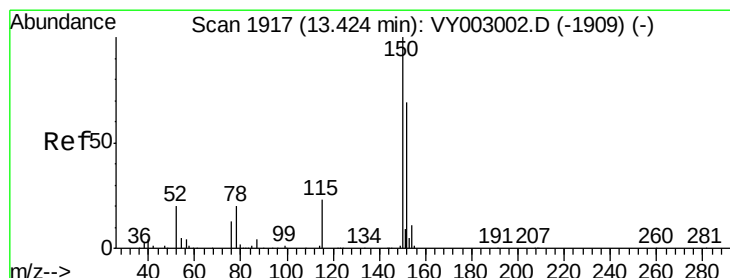
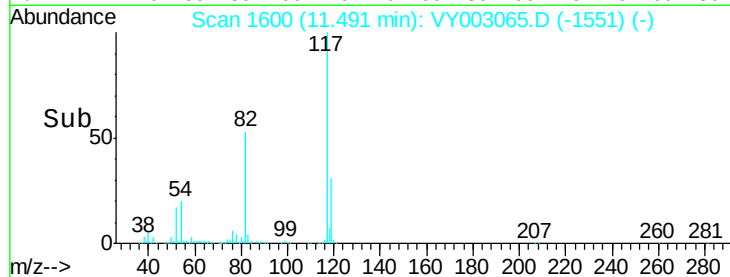
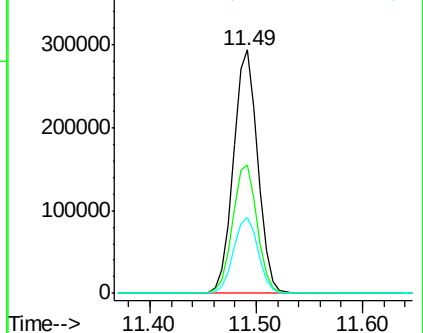
119 31.3 25.8 38.8



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: VY003065.D

Acq: 01 Jul 2020 17:47

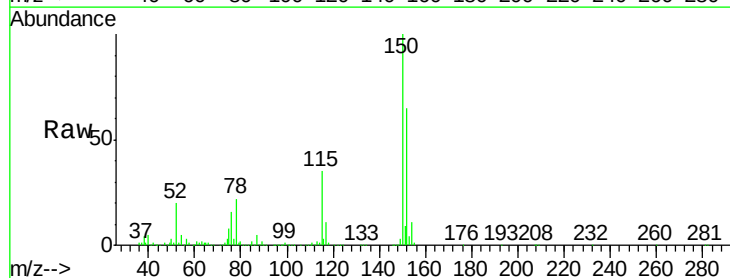
Tgt Ion:152 Resp: 218972

Ion Ratio Lower Upper

152 100

115 53.6 27.3 81.9

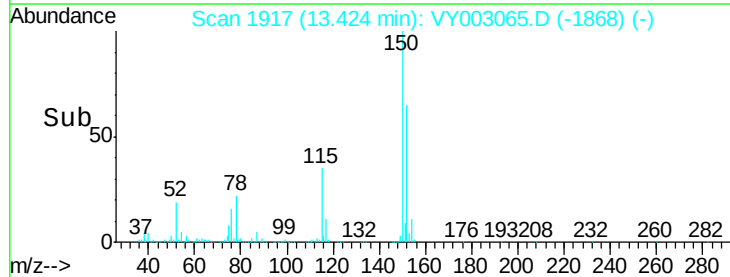
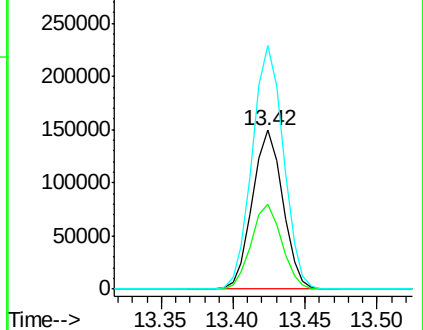
150 156.5 0.0 343.4

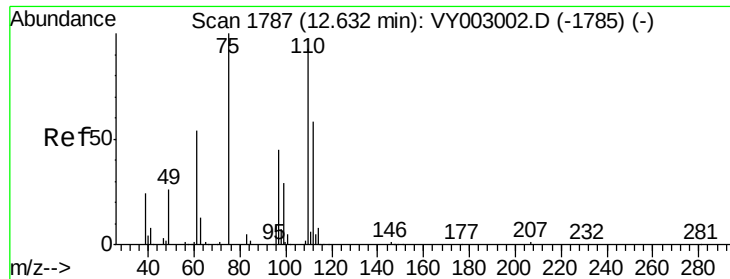


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

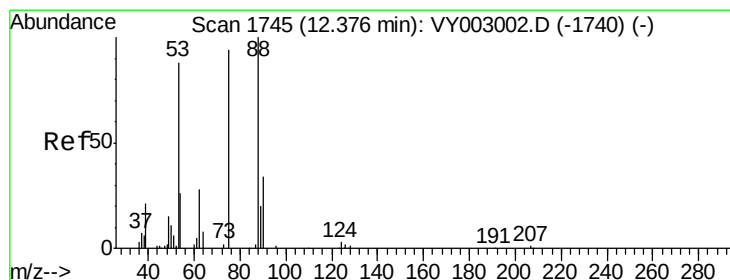
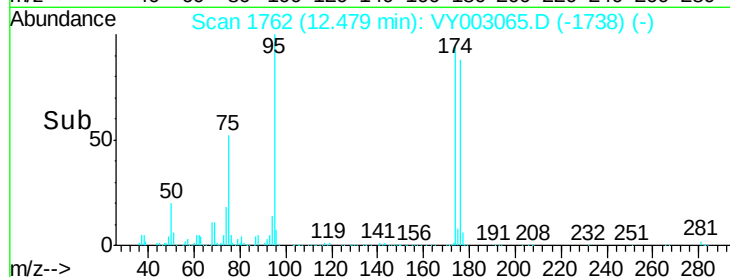
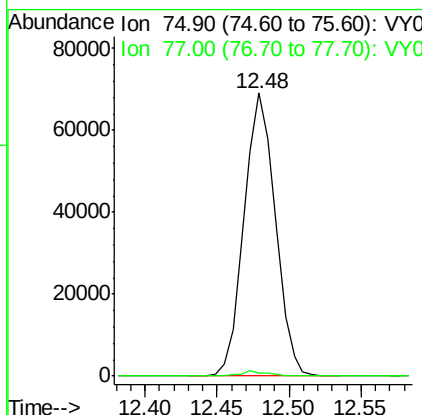
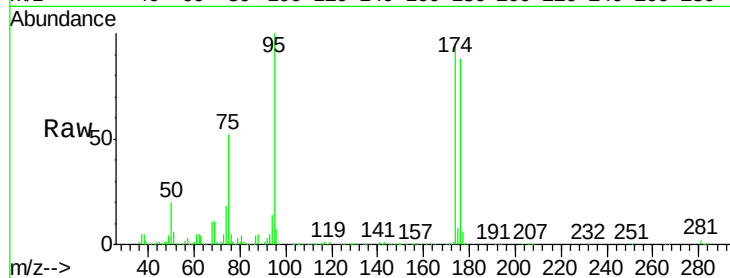




#76
 1,2,3-Trichloropropane
 Concen: 48.014 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY003065.D
 Acq: 01 Jul 2020 17:47

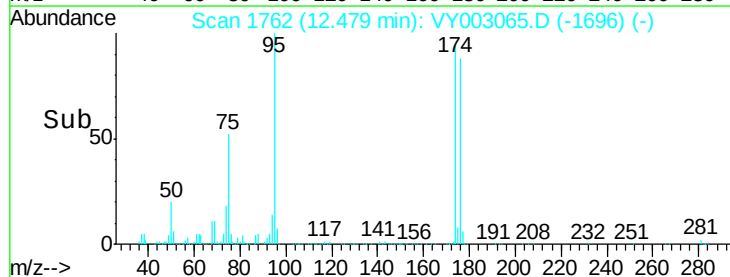
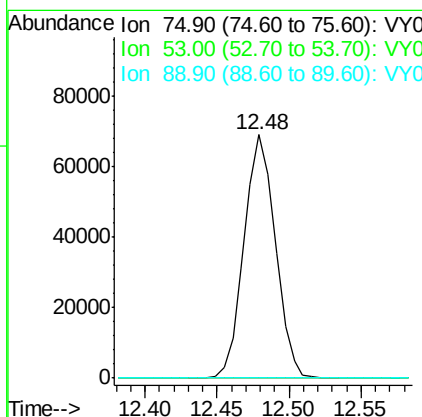
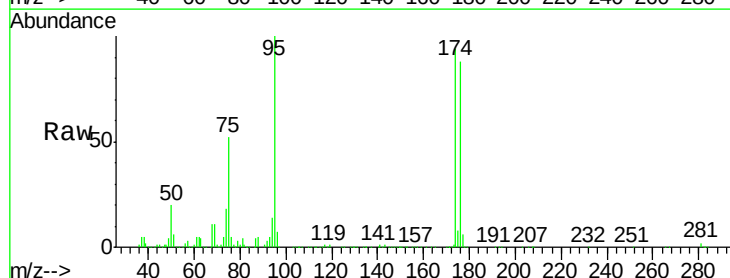
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-610-614

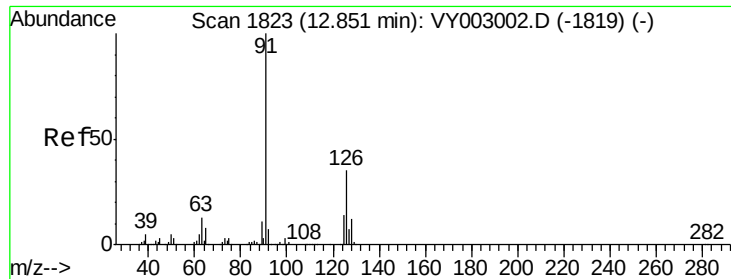
Tot Ion: 75 Resp: 104053
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.415 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003065.D
 Acq: 01 Jul 2020 17:47

Tgt Ion: 75 Resp: 104053
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 37.5 56.3#





#82
 4-Chlorotoluene
 Concen: 1.660 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VY003065.D
 Acq: 01 Jul 2020 17:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-610-614

Tot Ion: 91 Resp: 16629
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.4 52.3

