

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003047.D
 Acq On : 30 Jun 2020 20:02
 Operator : SY/MD
 Sample : L3151-01
 Misc : 7.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-580-582

Quant Time: Jul 01 06:57:01 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

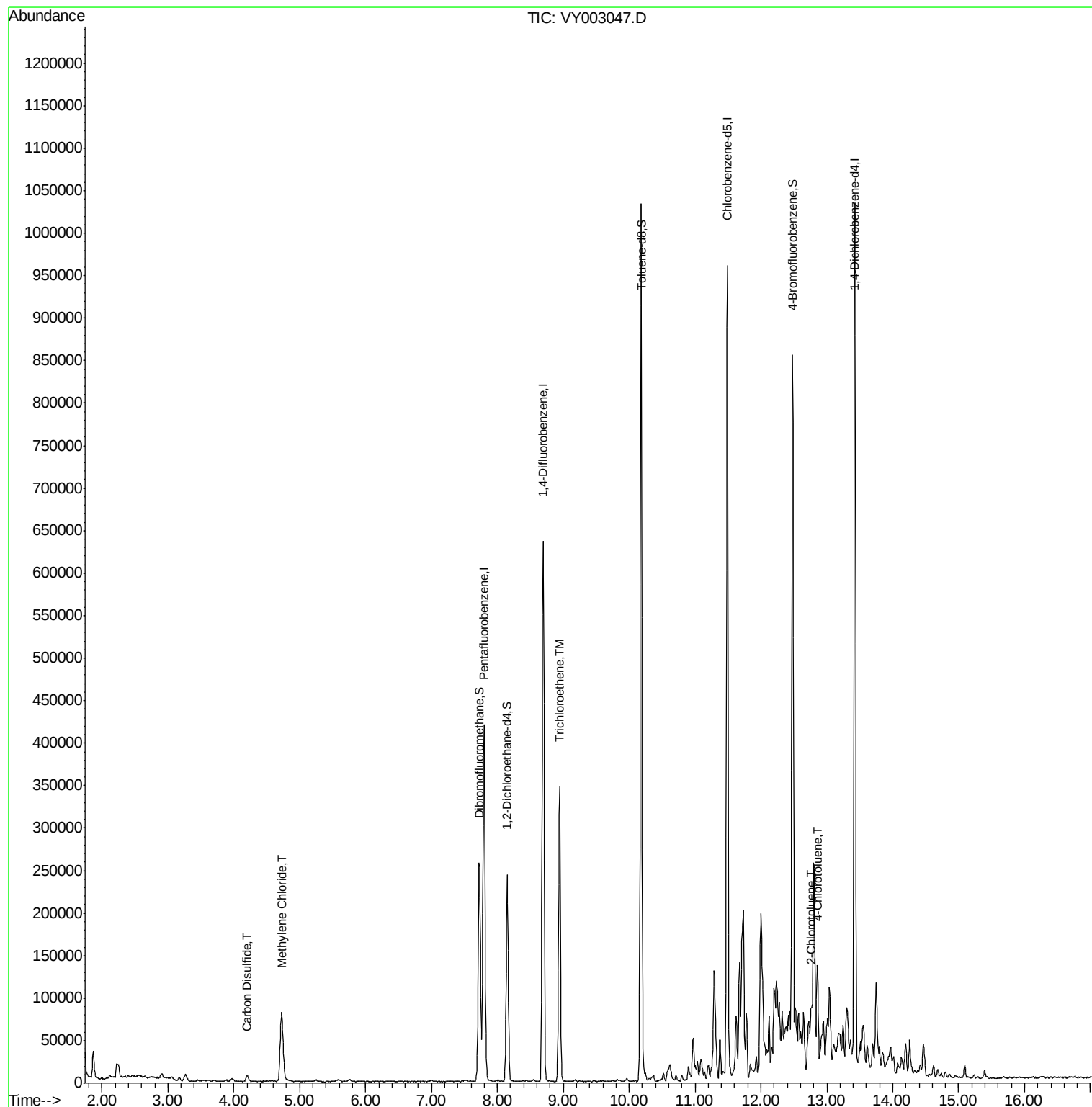
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	343293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	558052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	260972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	191065	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
35) Dibromofluoromethane	7.72	113	183473	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	10.18	98	669665	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.48	95	237467	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
Target Compounds						
17) Carbon Disulfide	4.21	76	14825	1.558	ug/l	98
20) Methylene Chloride	4.72	84	63617	12.501	ug/l	92
44) Trichloroethene	8.94	130	123808	28.945	ug/l	100
79) 2-Chlorotoluene	12.75	91	16969	1.480	ug/l	98
82) 4-Chlorotoluene	12.85	91	32633	2.734	ug/l	98

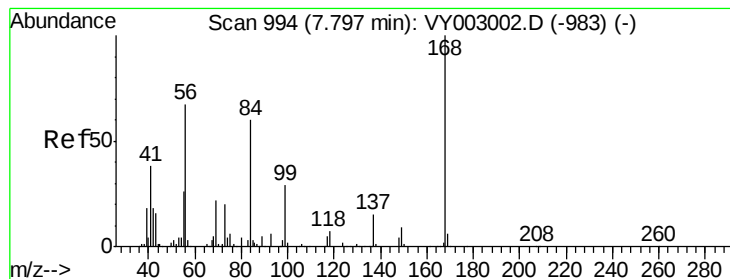
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003047.D
Acq On : 30 Jun 2020 20:02
Operator : SY/MD
Sample : L3151-01
Misc : 7.67G/5ML/MSVOA Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
BP-MW180-SOIL-580-582

Quant Time: Jul 01 06:57:01 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: VY003047.D

Acq: 30 Jun 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

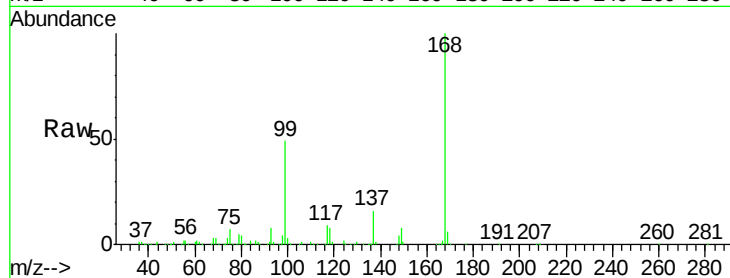
BP-MW180-SOIL-580-582

Tot Ion:168 Resp: 343293

Ion Ratio Lower Upper

168 100

99 49.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003047.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003047.D (-945) (-)

7.80

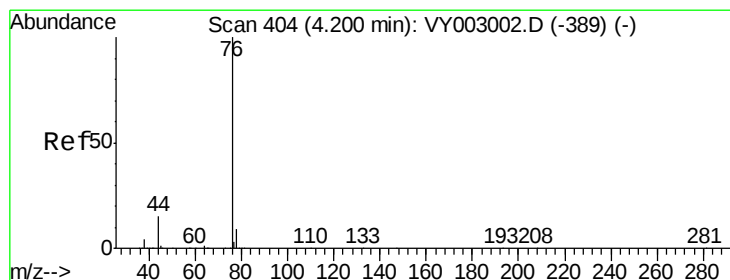
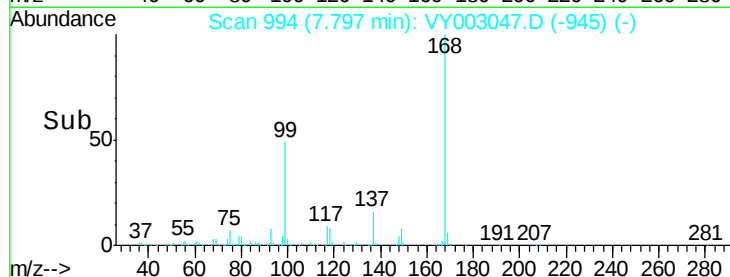
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 1.558 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY003047.D

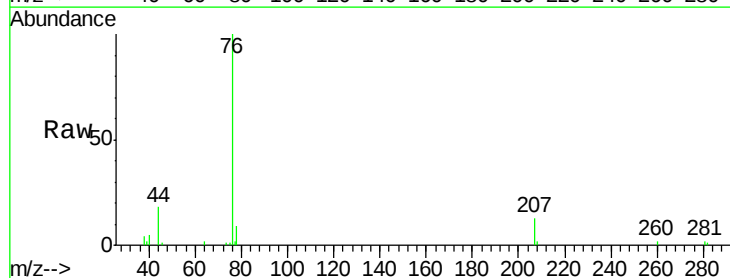
Acq: 30 Jun 2020 20:02

Tgt Ion: 76 Resp: 14825

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY003047.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY003047.D (-355) (-)

4.21

6000

5000

4000

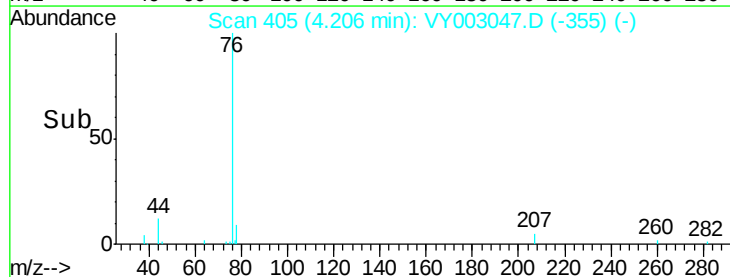
3000

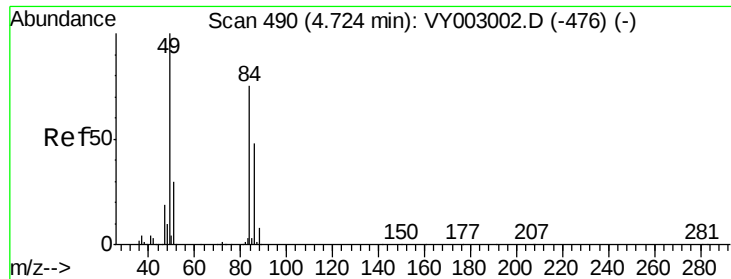
2000

1000

0

Time-->

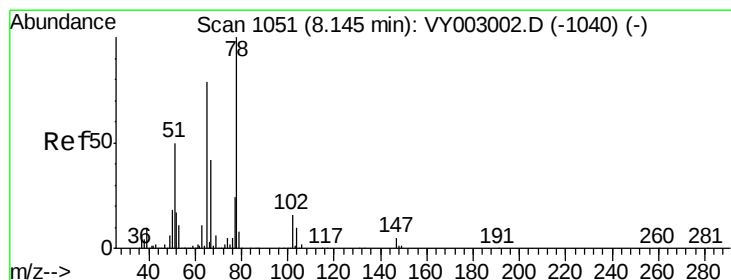
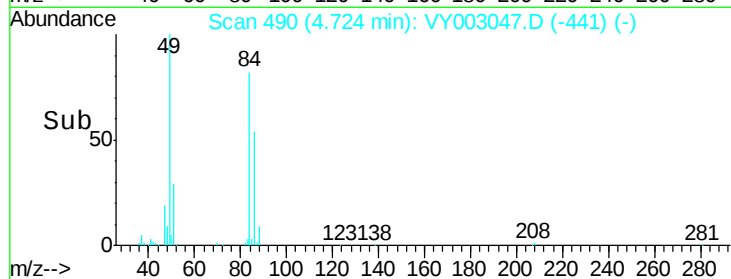
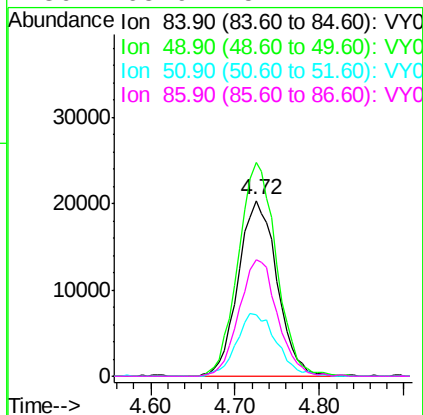
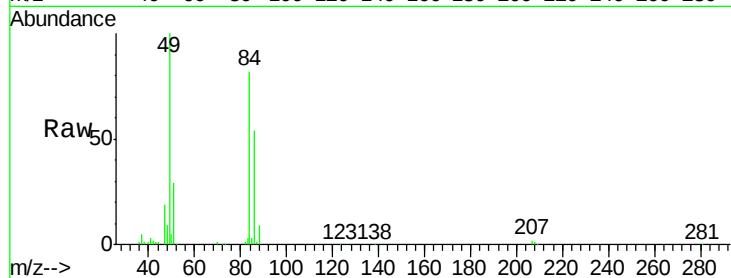




#20
Methylene Chloride
Concen: 12.501 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003047.D
Acq: 30 Jun 2020 20:02

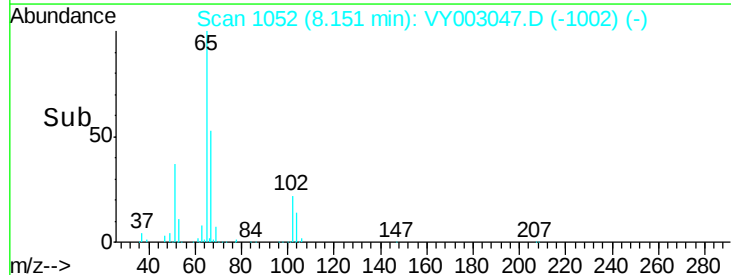
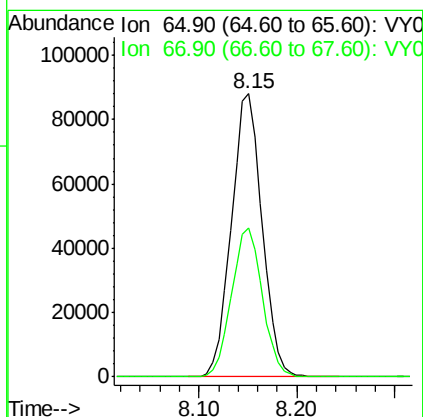
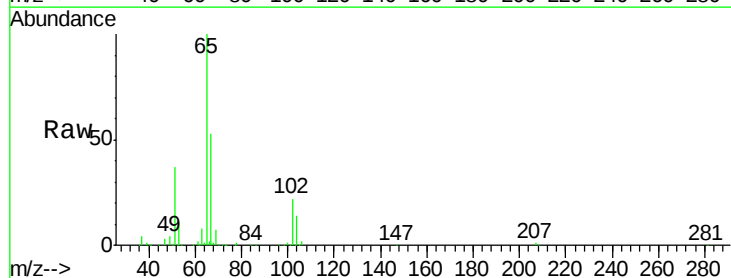
Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-580-582

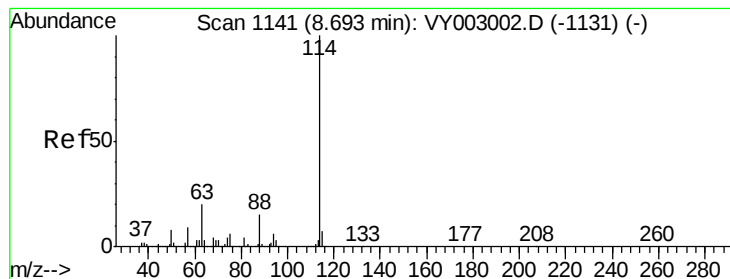
Tot Ion: 84 Resp: 63617
Ion Ratio Lower Upper
84 100
49 121.5 106.8 160.2
51 35.1 32.0 48.0
86 65.9 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 56.038 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003047.D
Acq: 30 Jun 2020 20:02

Tgt Ion: 65 Resp: 191065
Ion Ratio Lower Upper
65 100
67 52.9 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: VY003047.D

Acq: 30 Jun 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-580-582

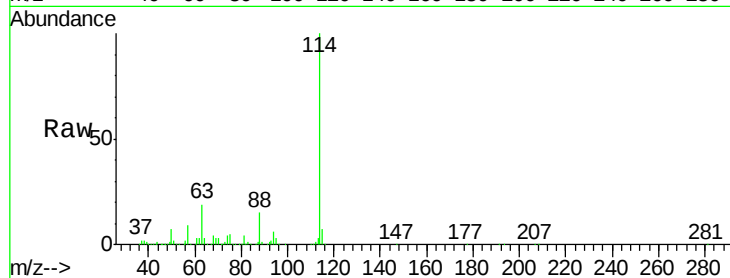
Tot Ion:114 Resp: 558052

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

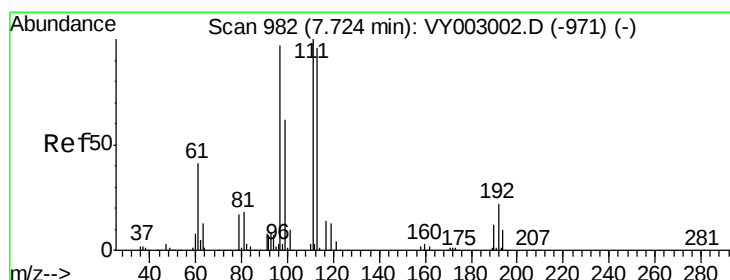
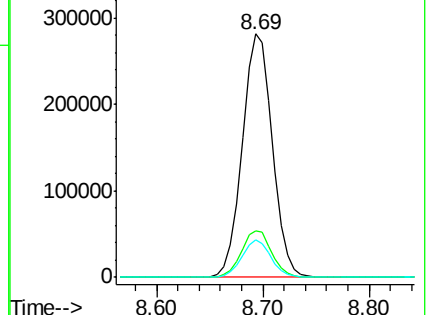
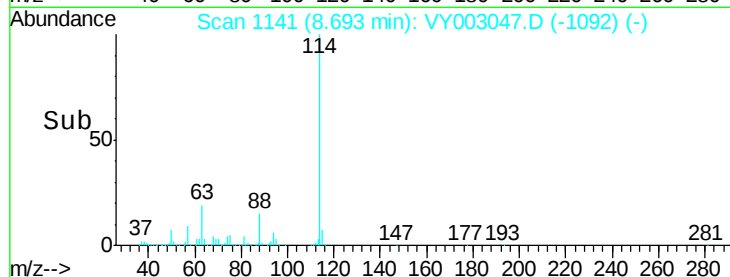
88 15.3 0.0 30.0



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: 52.704 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003047.D

Acq: 30 Jun 2020 20:02

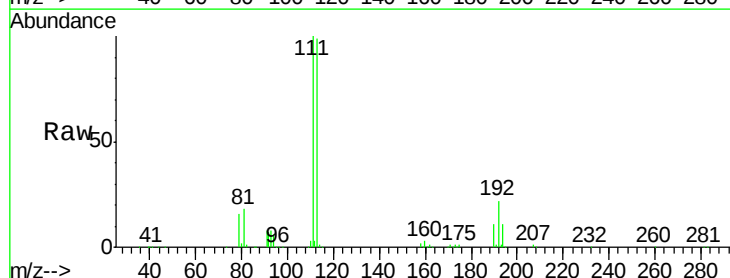
Tgt Ion:113 Resp: 183473

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

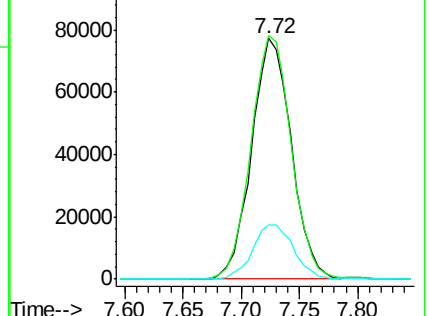
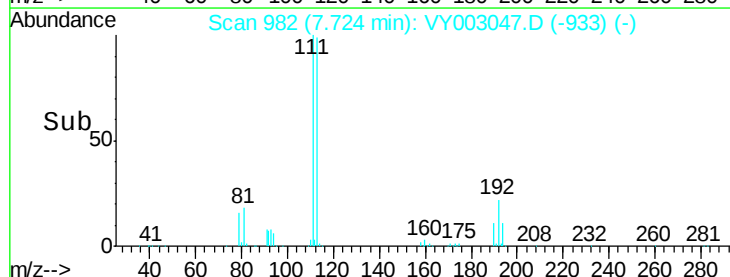
192 23.4 18.1 27.1

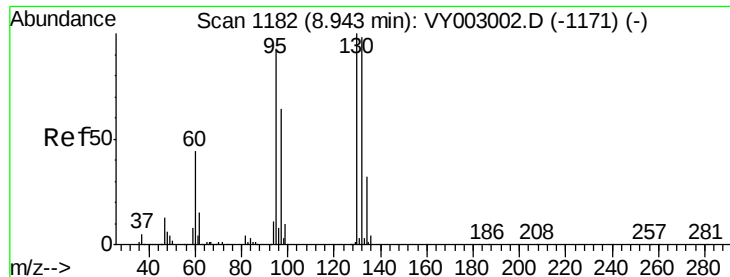


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 28.945 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003047.D

Acq: 30 Jun 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

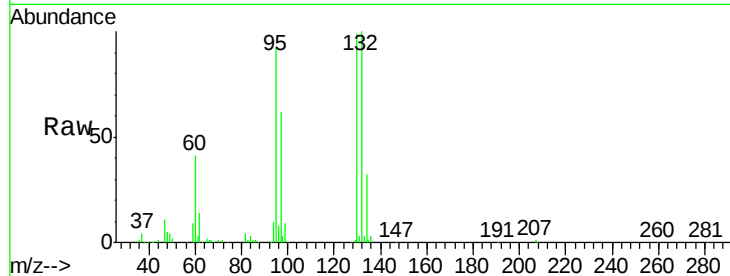
BP-MW180-SOIL-580-582

Tot Ion:130 Resp: 123808

Ion Ratio Lower Upper

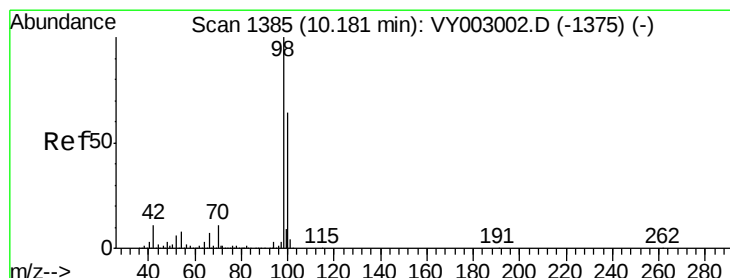
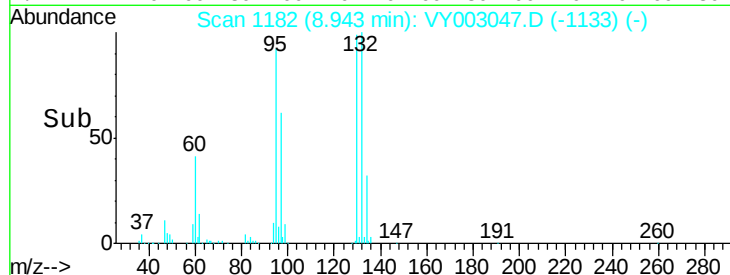
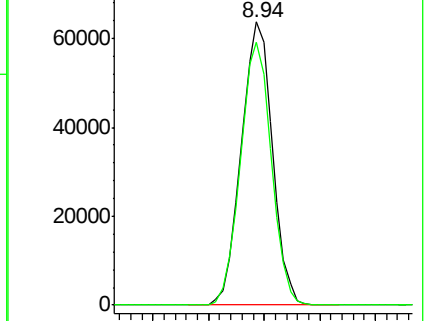
130 100

95 93.1 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0



#50

Toluene-d8

Concen: 51.635 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003047.D

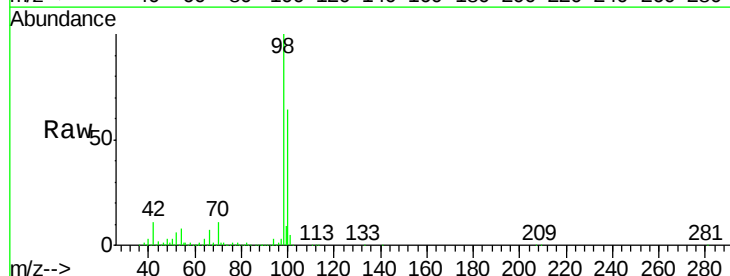
Acq: 30 Jun 2020 20:02

Tgt Ion: 98 Resp: 669665

Ion Ratio Lower Upper

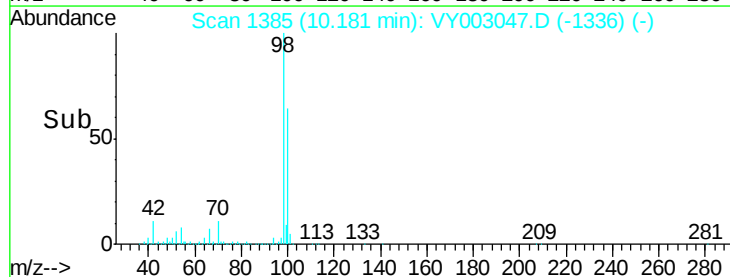
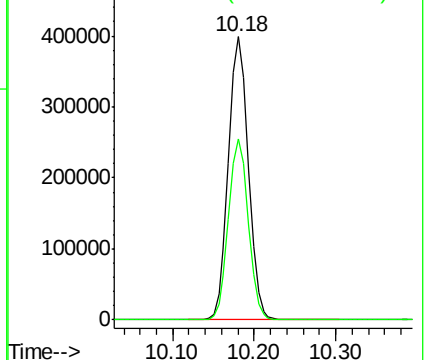
98 100

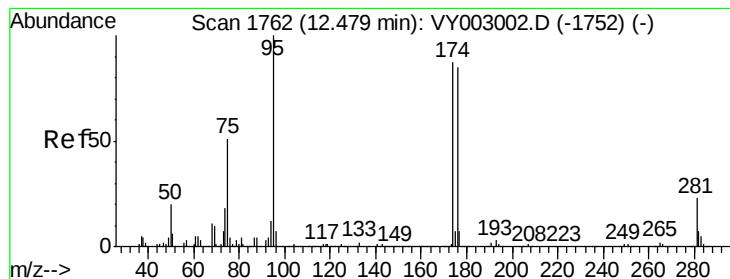
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 52.017 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003047.D

Acq: 30 Jun 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-580-582

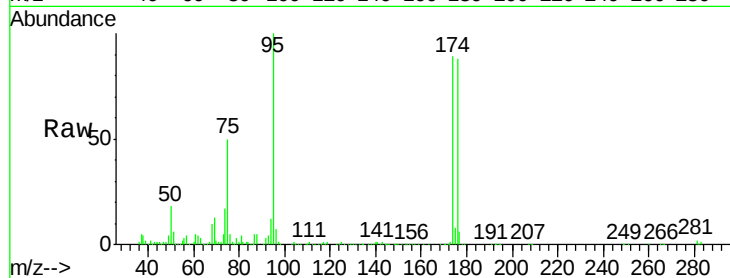
Tot Ion: 95 Resp: 237467

Ion Ratio Lower Upper

95 100

174 95.1 0.0 184.8

176 92.5 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)

12.48

150000

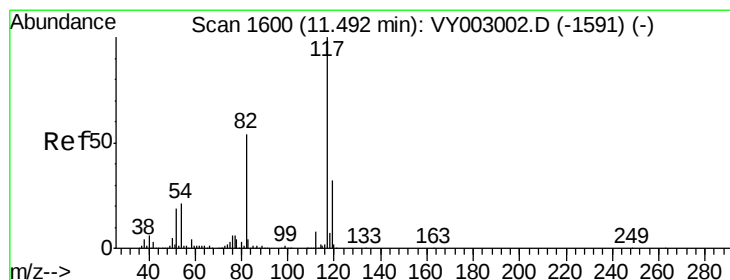
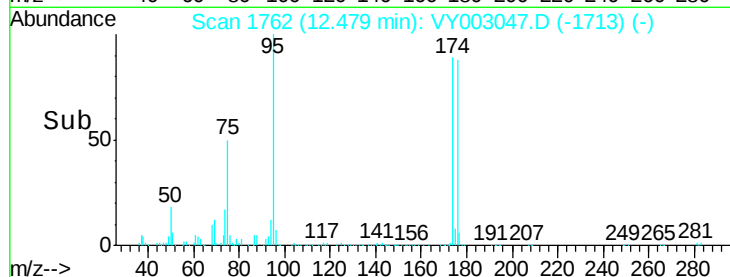
100000

50000

0

12.45 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: VY003047.D

Acq: 30 Jun 2020 20:02

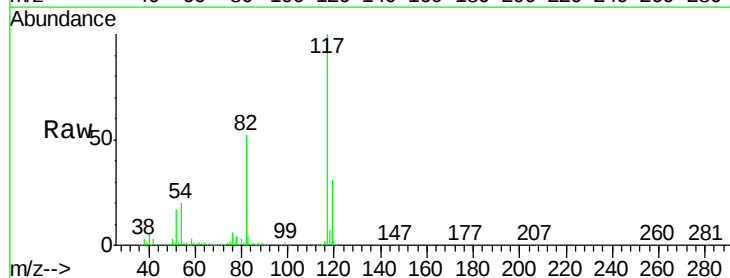
Tgt Ion: 117 Resp: 530762

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.6

119 31.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)

11.49

400000

300000

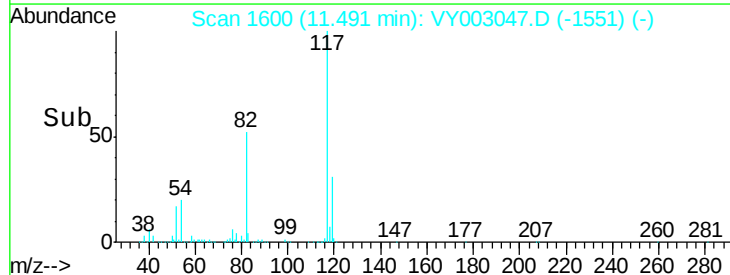
200000

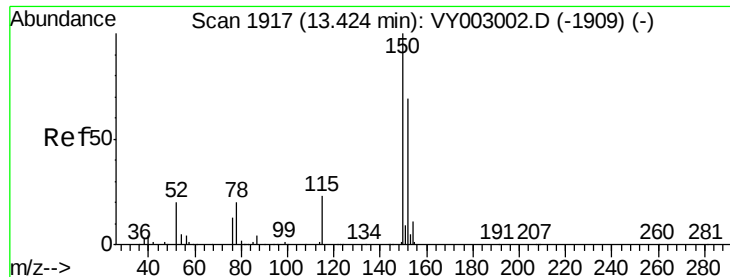
100000

0

11.40 11.50 11.60

Time-->



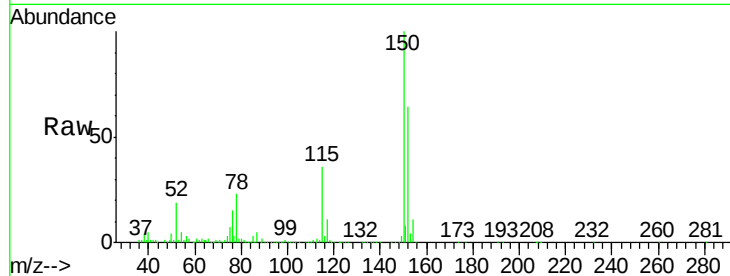


#72

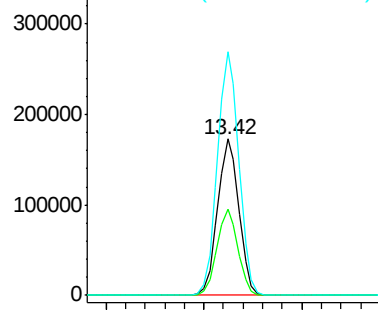
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003047.D
Acq: 30 Jun 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-580-582

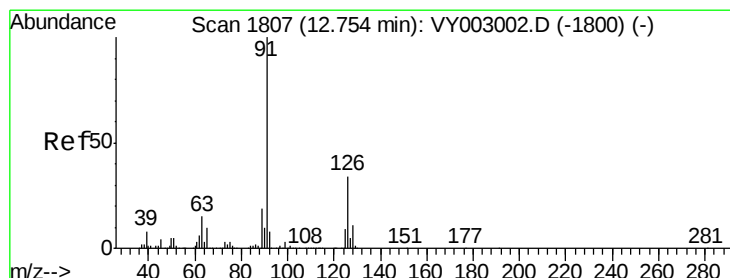
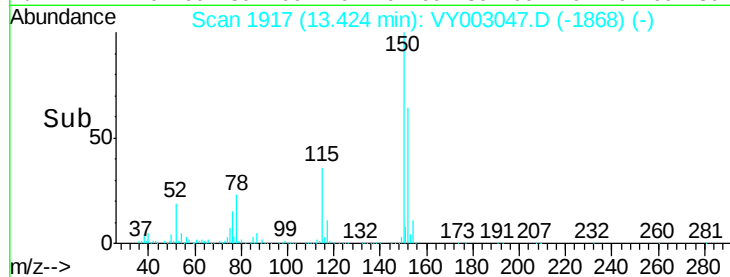
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.3	81.9
150	156.5	0.0	343.4



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



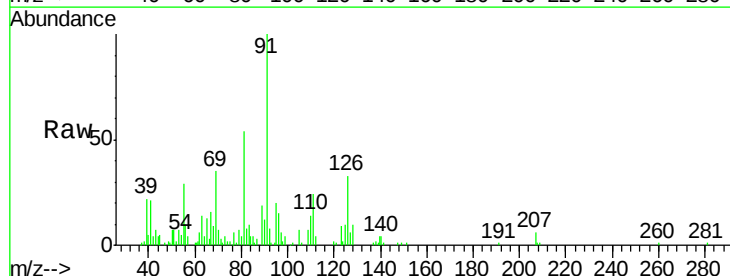
Time--> 13.30 13.40 13.50



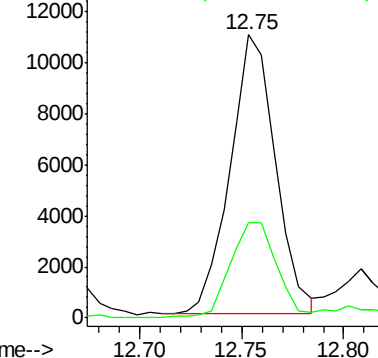
#79

2-Chlorotoluene
Concen: 1.480 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003047.D
Acq: 30 Jun 2020 20:02

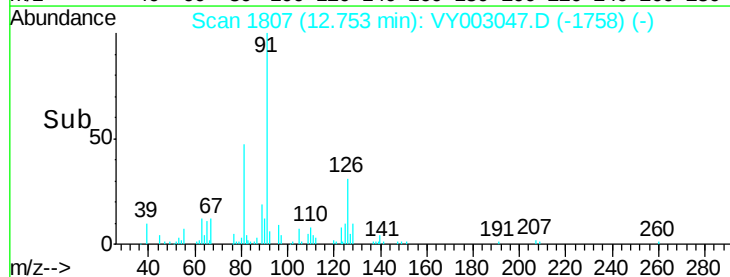
Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.1	51.3

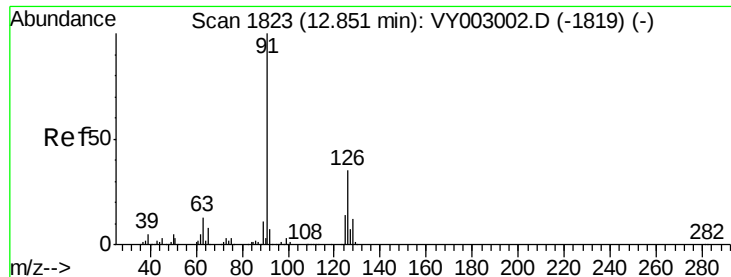


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V



Time--> 12.70 12.75 12.80





#82
 4-Chlorotoluene
 Concen: 2.734 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VY003047.D
 Acq: 30 Jun 2020 20:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-580-582

Tot Ion: 91 Resp: 32633
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.4 52.3

