

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003064.D
 Acq On : 01 Jul 2020 17:24
 Operator : SY/MD
 Sample : L3192-02
 Misc : 7.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-604-608

Quant Time: Jul 02 03:54:54 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

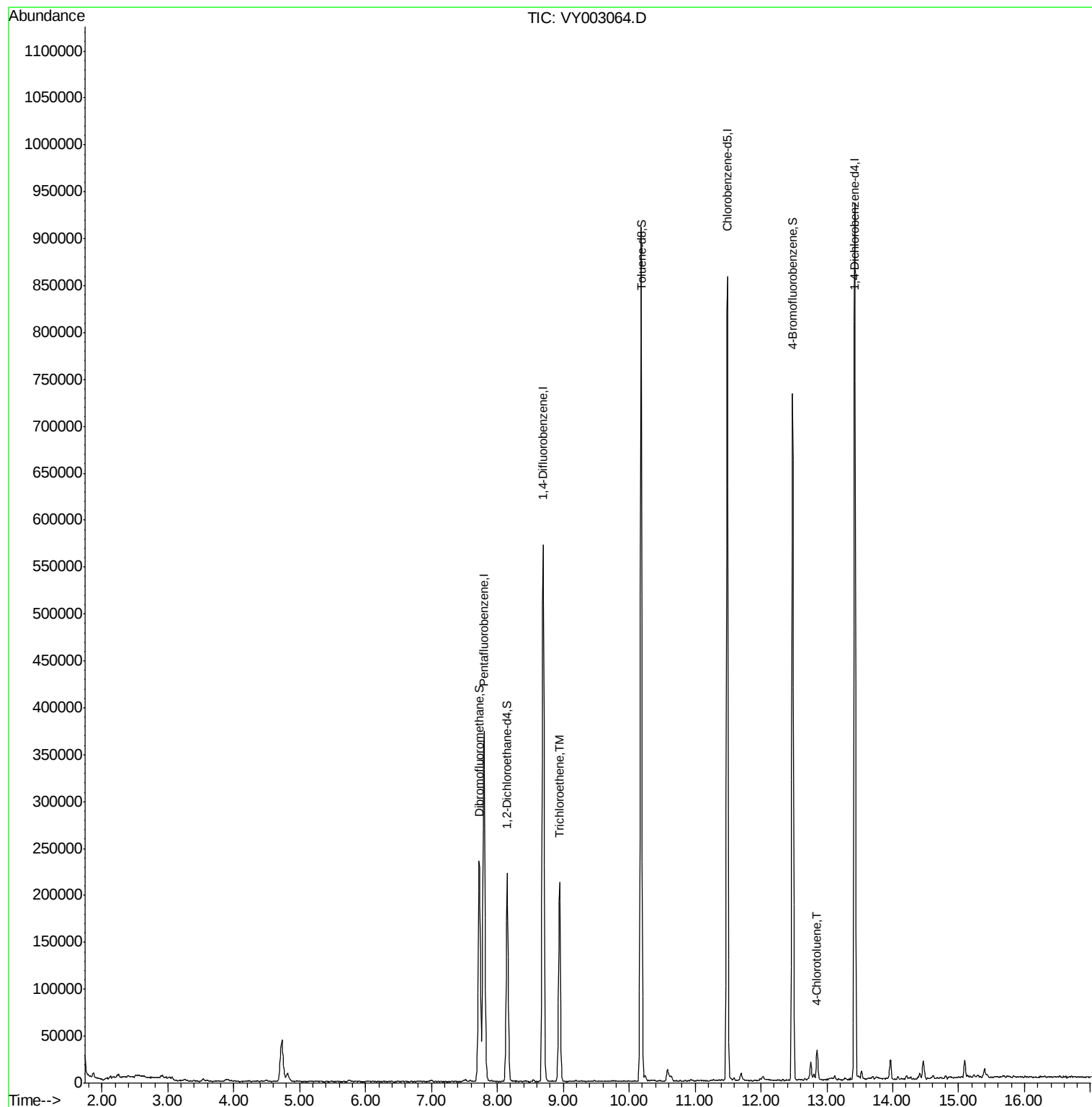
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	306363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	490550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	470614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	169917	55.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.68%	
35) Dibromofluoromethane	7.72	113	164192	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	10.18	98	592430	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.48	95	211417	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
Target Compounds						
44) Trichloroethene	8.94	130	76934	20.461	ug/l	99
82) 4-Chlorotoluene	12.85	91	16986	1.529	ug/l	91

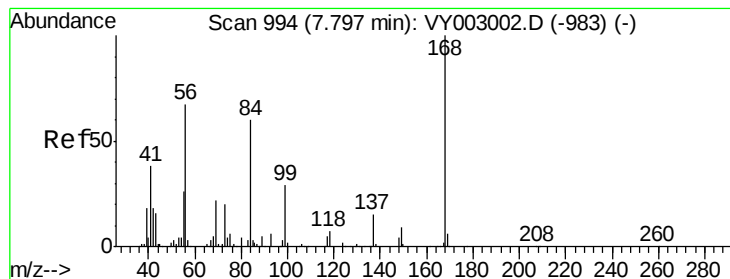
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003064.D

Acq: 01 Jul 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

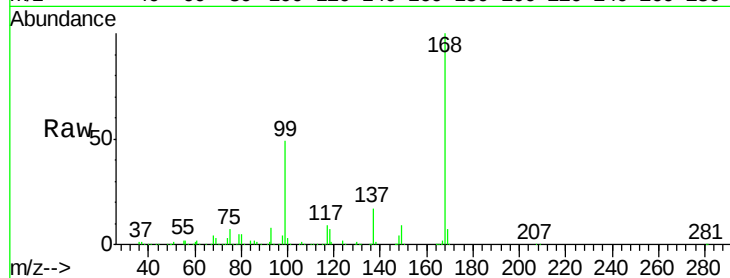
BP-MW180-SOIL-604-608

Tot Ion:168 Resp: 306363

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003064.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003064.D (-945) (-)

7.80

150000

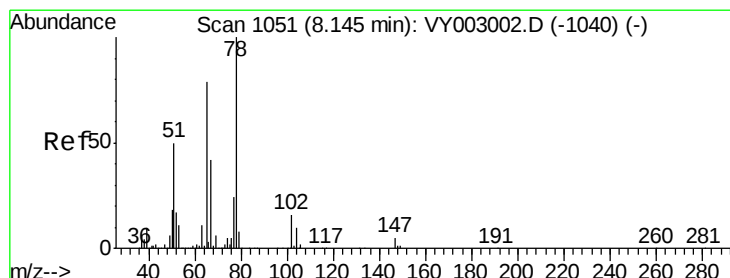
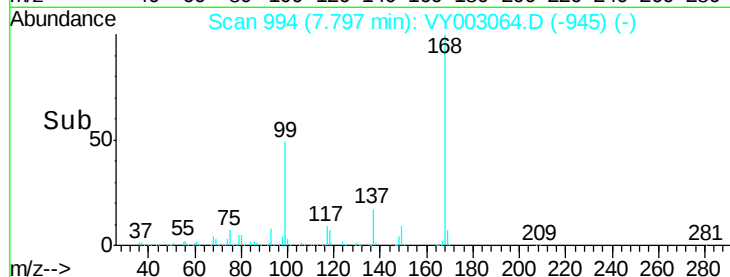
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.842 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003064.D

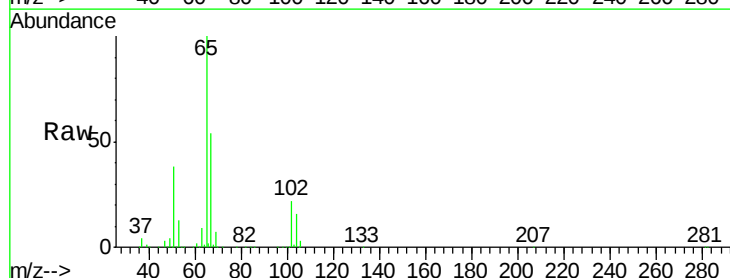
Acq: 01 Jul 2020 17:24

Tgt Ion: 65 Resp: 169917

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003064.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003064.D (-1002) (-)

8.15

80000

60000

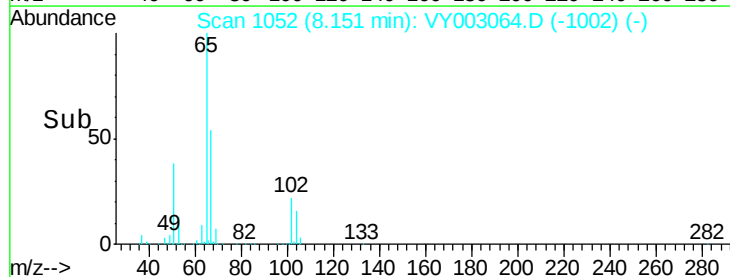
40000

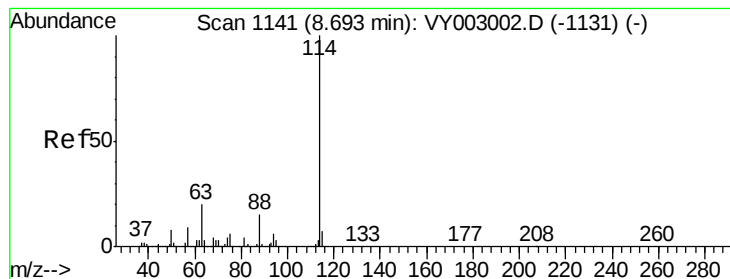
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003064.D

Acq: 01 Jul 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-604-608

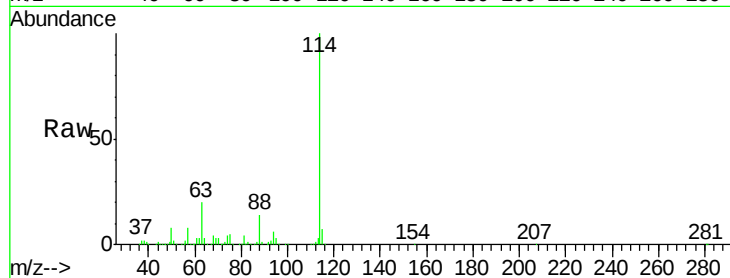
Tot Ion:114 Resp: 490550

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

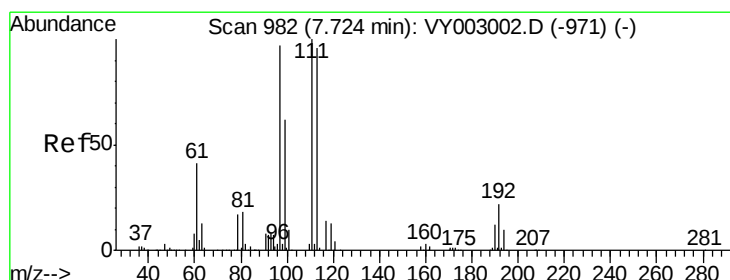
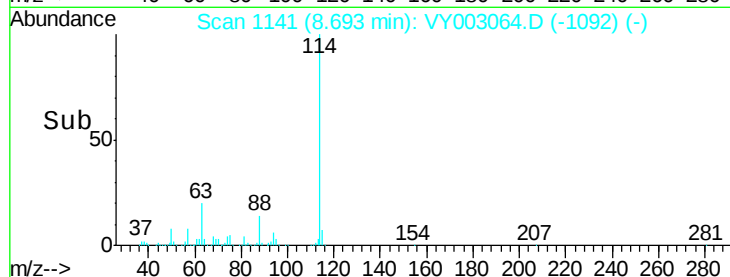
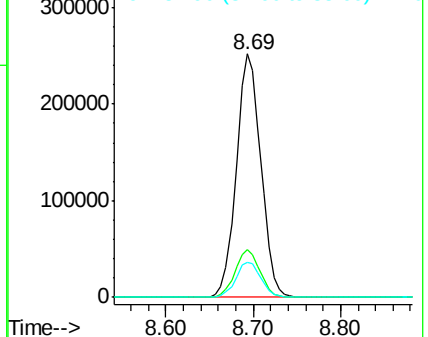
88 14.4 0.0 30.0



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: 53.655 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003064.D

Acq: 01 Jul 2020 17:24

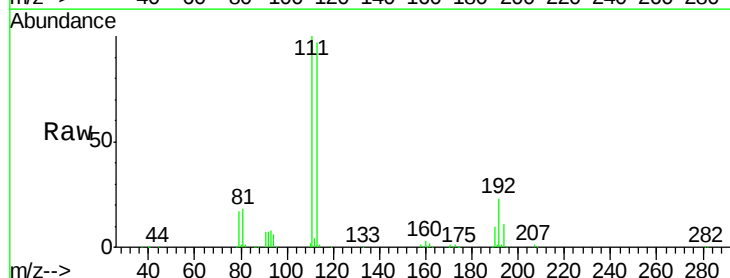
Tgt Ion:113 Resp: 164192

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

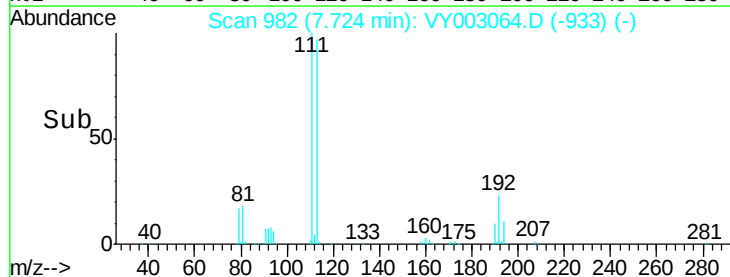
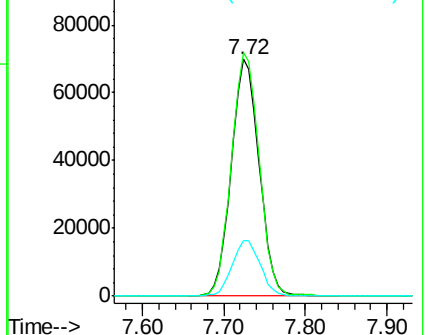
192 23.6 18.1 27.1

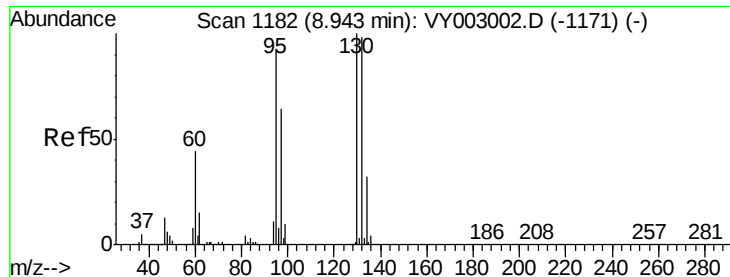


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 20.461 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003064.D

Acq: 01 Jul 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

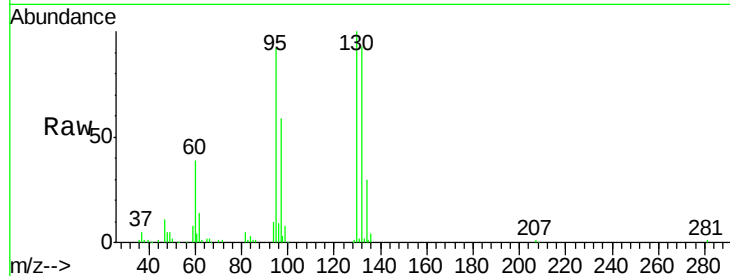
BP-MW180-SOIL-604-608

Tot Ion:130 Resp: 76934

Ion Ratio Lower Upper

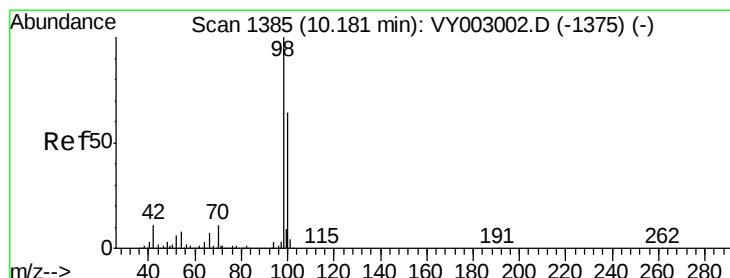
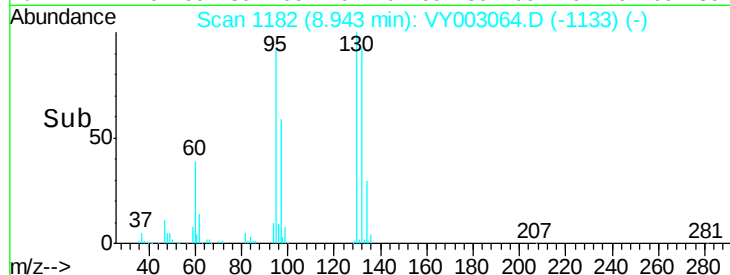
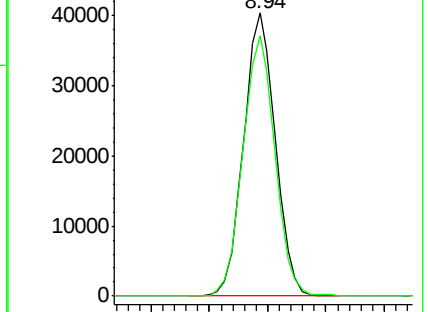
130 100

95 92.0 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003002.D (-1171) (-)

Ion 94.90 (94.60 to 95.60): VY003002.D (-1171) (-)



#50

Toluene-d8

Concen: 51.966 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003064.D

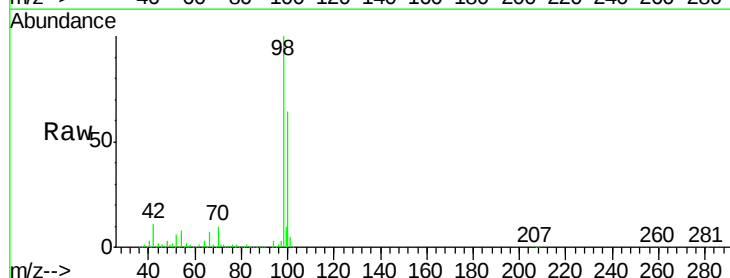
Acq: 01 Jul 2020 17:24

Tgt Ion: 98 Resp: 592430

Ion Ratio Lower Upper

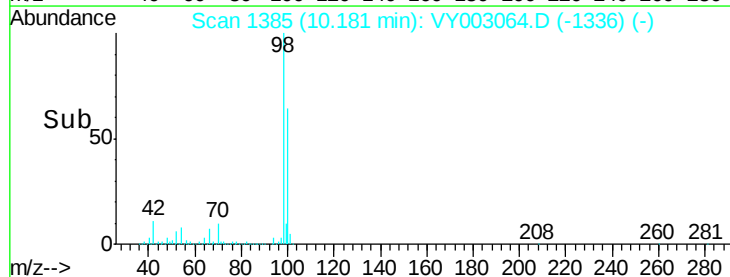
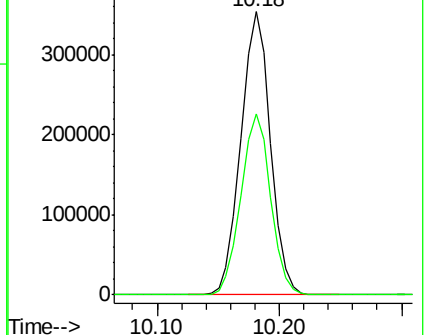
98 100

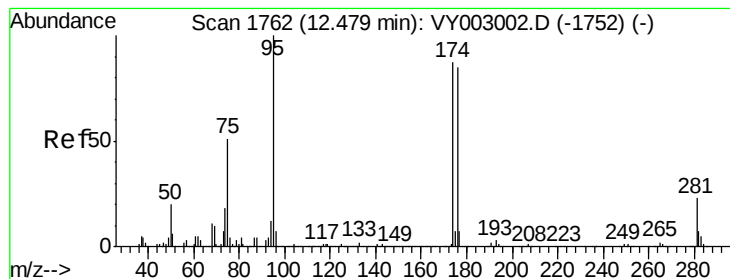
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY003002.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY003002.D (-1375) (-)





#62

4-Bromofluorobenzene

Concen: 52.684 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003064.D

Acq: 01 Jul 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-604-608

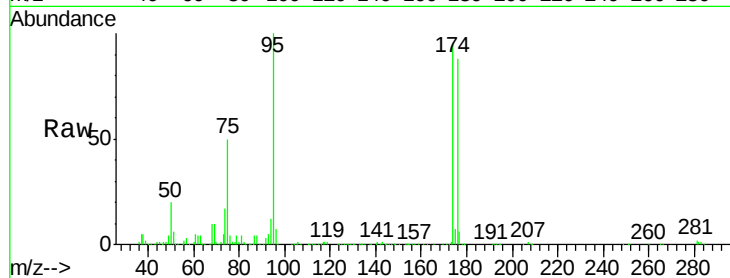
Tot Ion: 95 Resp: 211417

Ion Ratio Lower Upper

95 100

174 95.8 0.0 184.8

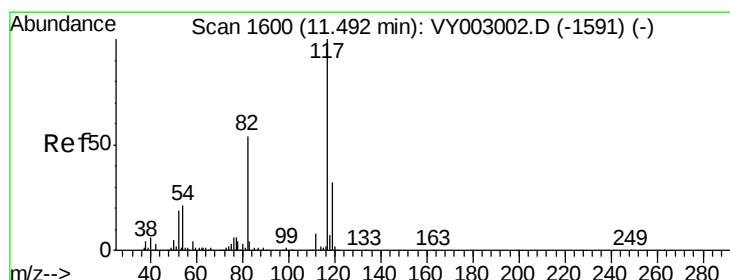
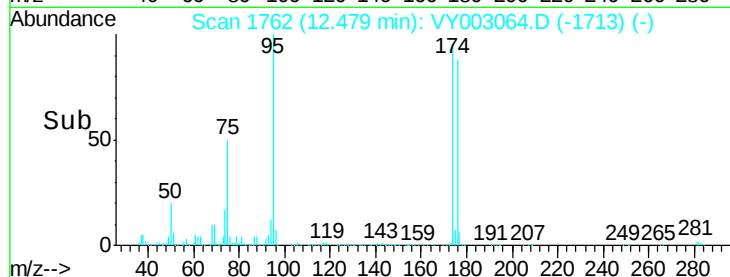
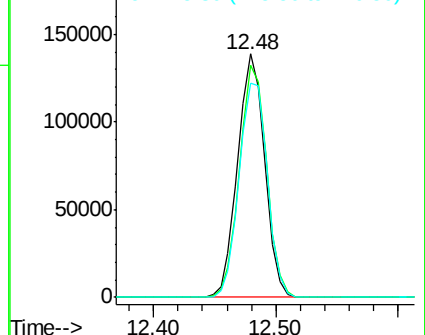
176 92.2 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003064.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003064.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003064.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003064.D

Acq: 01 Jul 2020 17:24

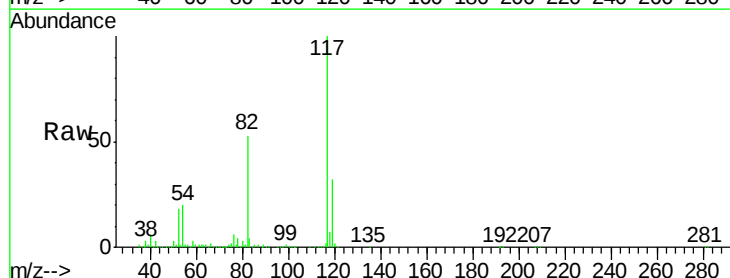
Tgt Ion: 117 Resp: 470614

Ion Ratio Lower Upper

117 100

82 53.0 43.0 64.6

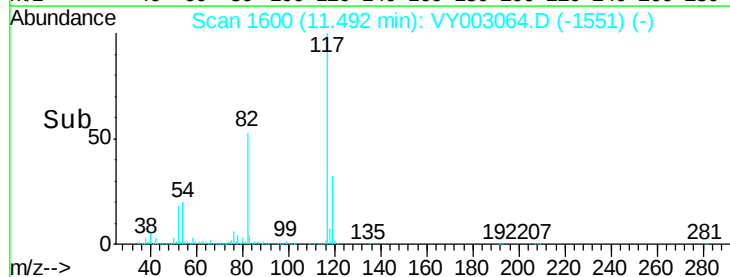
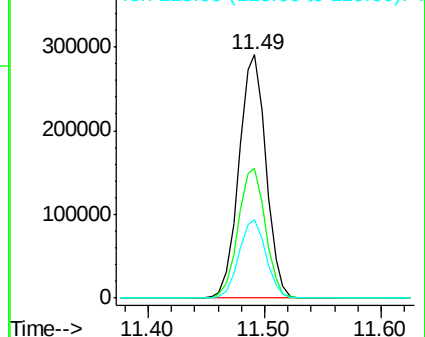
119 32.1 25.8 38.8

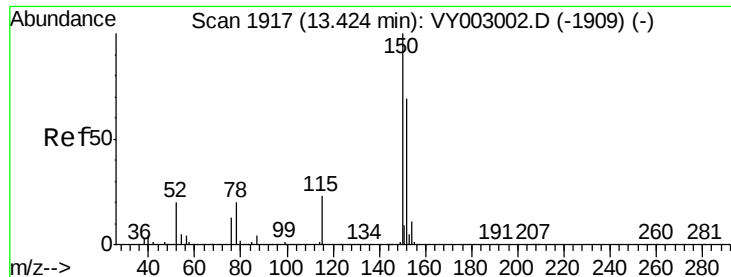


Abundance Ion 116.90 (116.60 to 117.60): VY003064.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003064.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003064.D (-1591) (-)



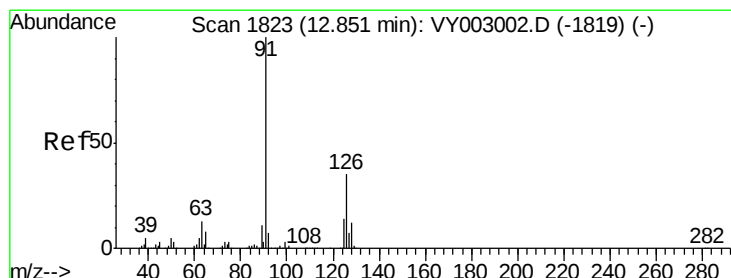
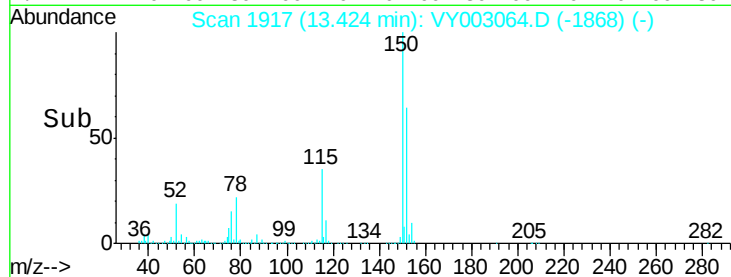
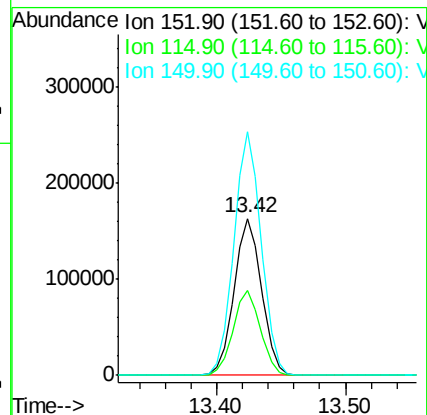
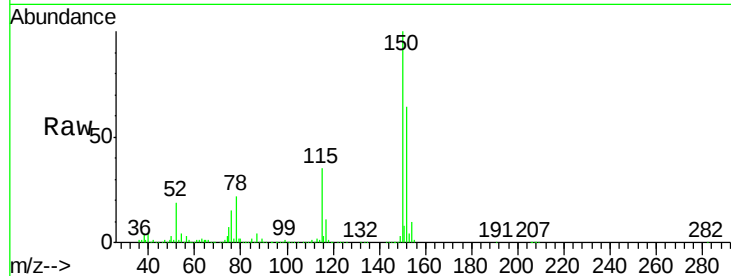


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003064.D
Acq: 01 Jul 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-604-608

Tot Ion:152 Resp: 242846
Ion Ratio Lower Upper
152 100
115 53.9 27.3 81.9
150 155.0 0.0 343.4



#82

4-Chlorotoluene
Concen: 1.529 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003064.D
Acq: 01 Jul 2020 17:24

Tgt Ion: 91 Resp: 16986
Ion Ratio Lower Upper
91 100
126 40.2 17.4 52.3

