

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001679.D
 Acq On : 18 Feb 2020 18:18
 Operator : SY/MD
 Sample : L1547-11
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-02-B

Quant Time: Feb 19 07:43:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	153365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116188	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	93877	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
35) Dibromofluoromethane	7.75	113	82729	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.20	98	342102	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
62) 4-Bromofluorobenzene	12.49	95	117126	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

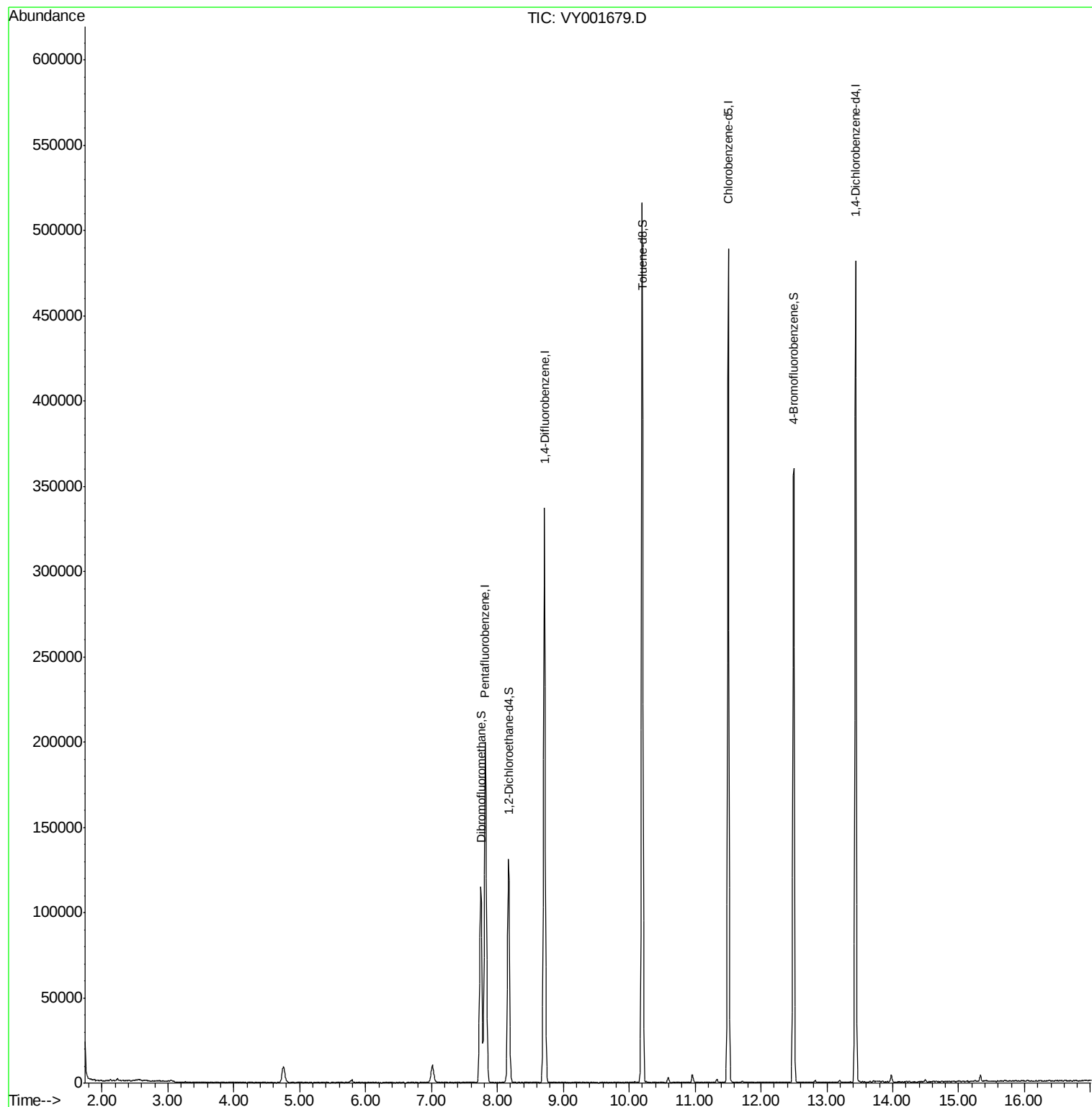
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

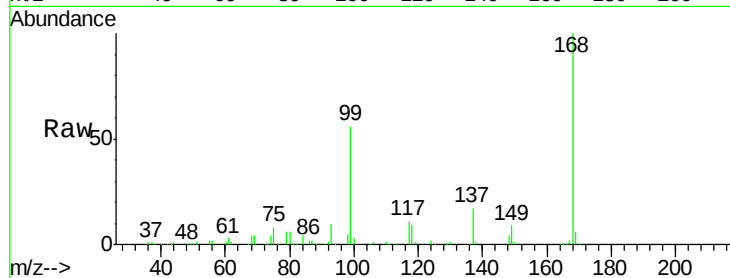
MARCY-GREEN-BH-02-B

Tot Ion:168 Resp: 153365

Ion Ratio Lower Upper

168 100

99 55.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001679.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001679.D (-948) (-)

7.82

60000

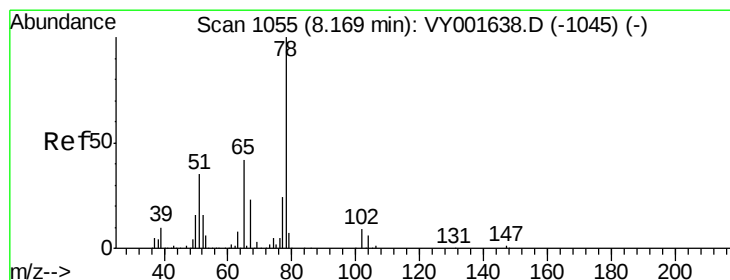
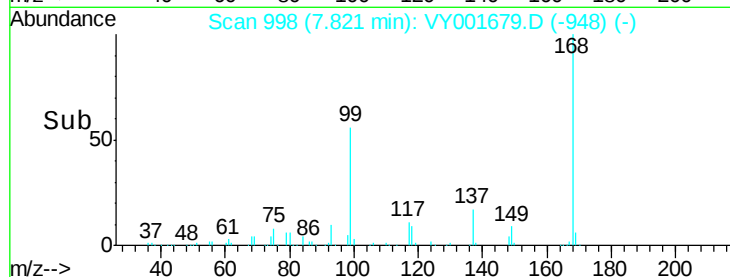
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.907 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001679.D

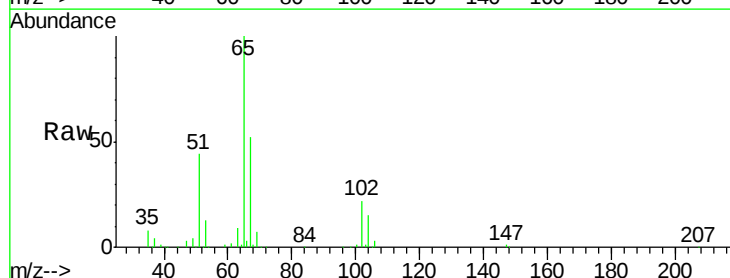
Acq: 18 Feb 2020 18:18

Tgt Ion: 65 Resp: 93877

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001679.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001679.D (-1006) (-)

8.17

50000

40000

30000

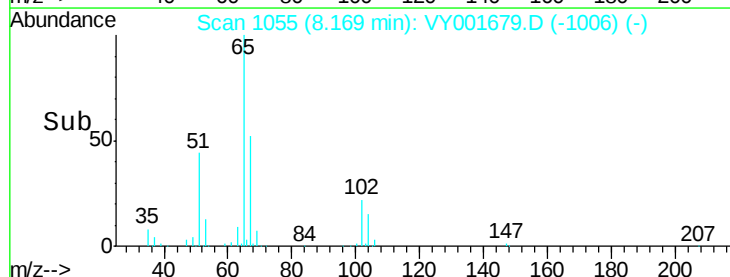
20000

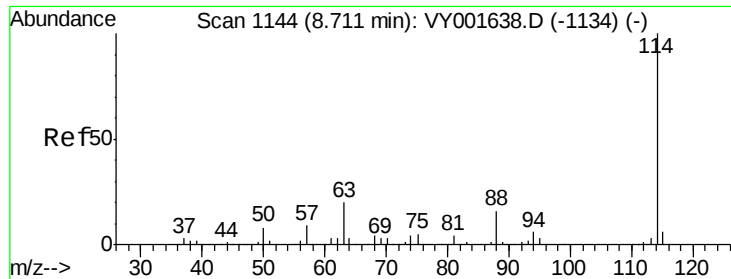
10000

0

8.10 8.20

Time-->

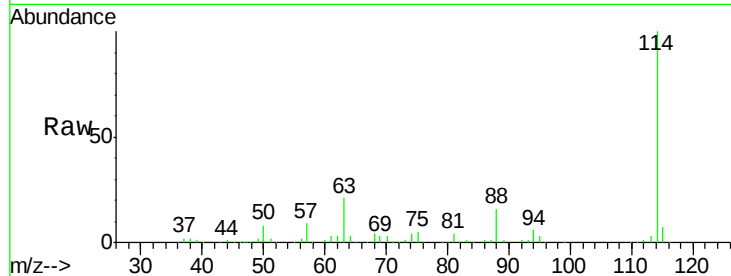




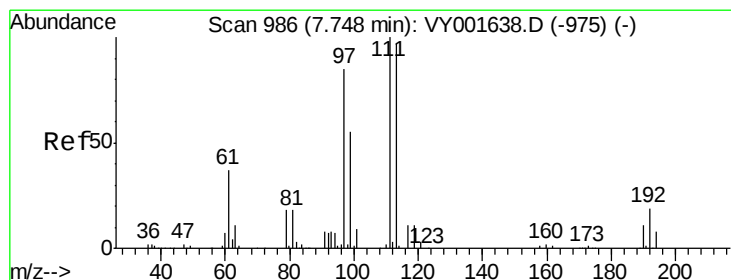
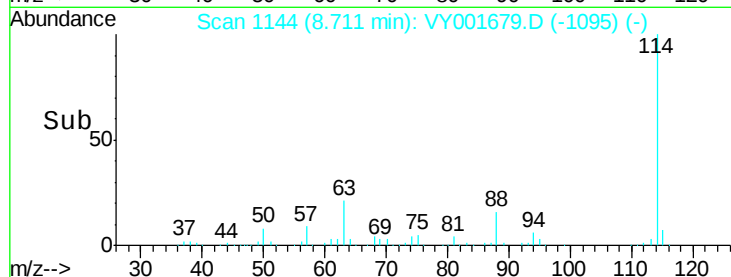
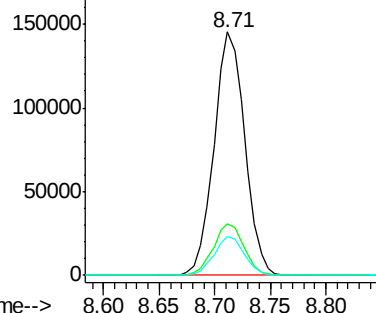
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001679.D
 Acq: 18 Feb 2020 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-02-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.4
88	16.0	0.0	32.8

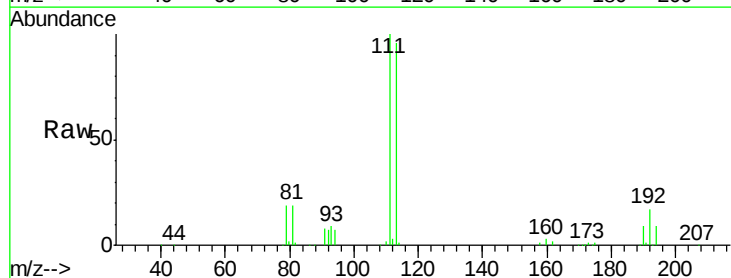


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

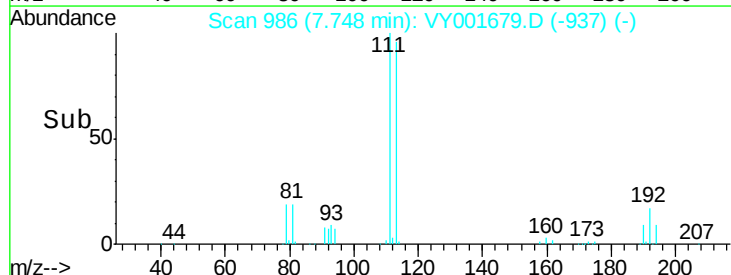
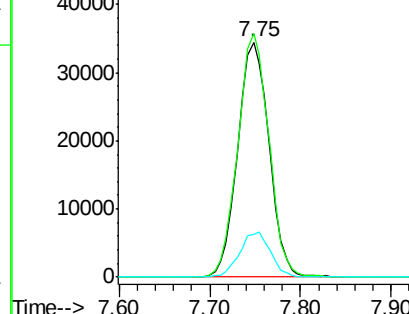


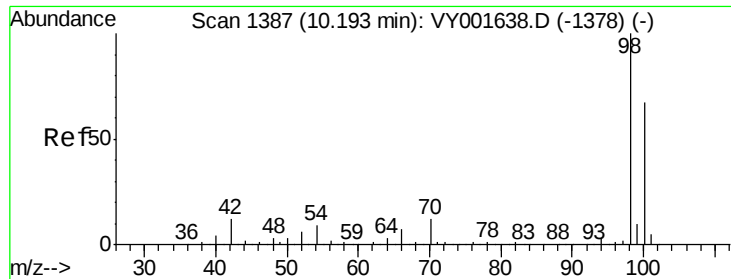
#35
 Dibromofluoromethane
 Concen: 51.631 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001679.D
 Acq: 18 Feb 2020 18:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	18.9	14.3	21.5



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: 54.498 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

Instrument :

MSVOA_Y

ClientSampleId :

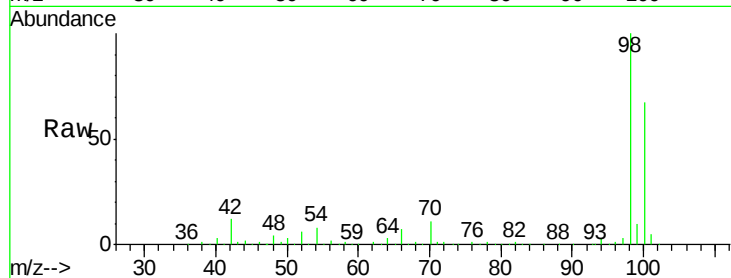
MARCY-GREEN-BH-02-B

Tot Ion: 98 Resp: 342102

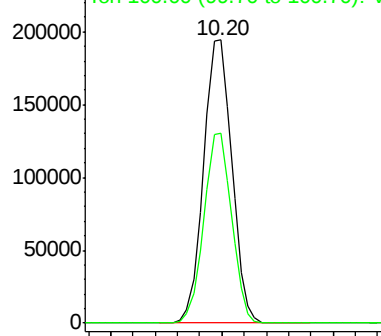
Ion Ratio Lower Upper

98 100

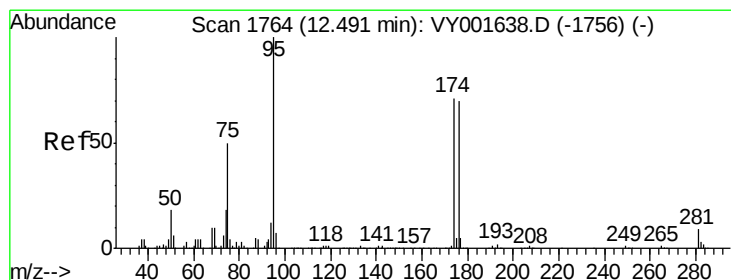
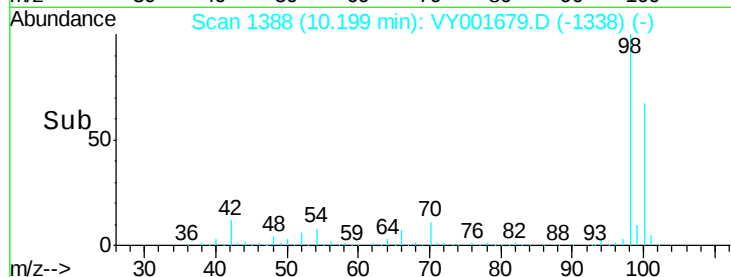
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001679.D (-1338) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 48.028 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001679.D

Acq: 18 Feb 2020 18:18

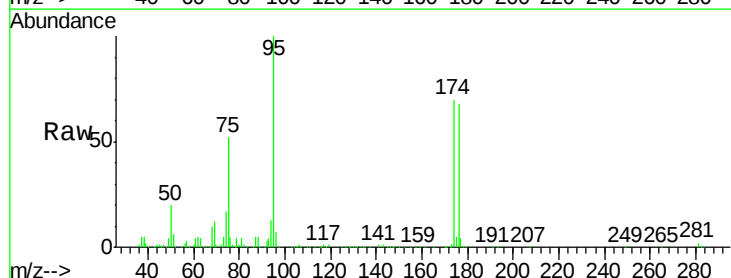
Tgt Ion: 95 Resp: 117126

Ion Ratio Lower Upper

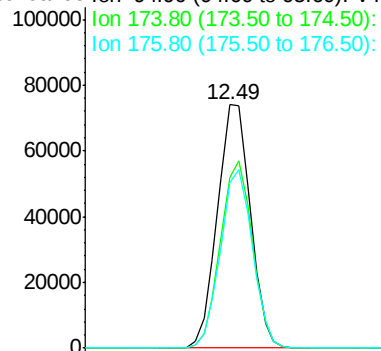
95 100

174 74.8 0.0 138.4

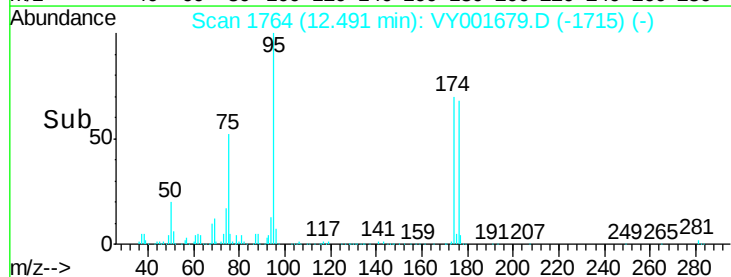
176 71.4 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001679.D (-1715) (-)



Time-->

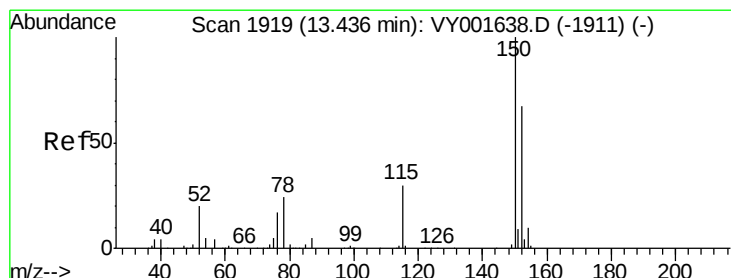
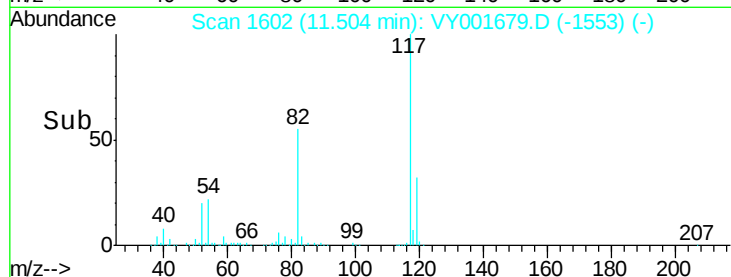
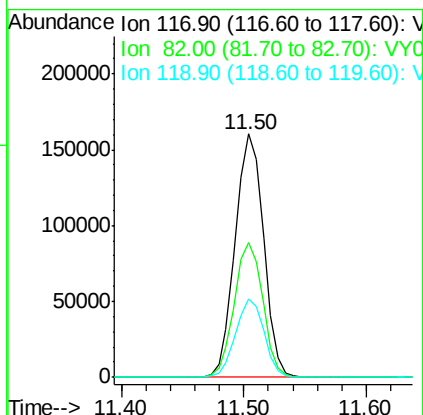
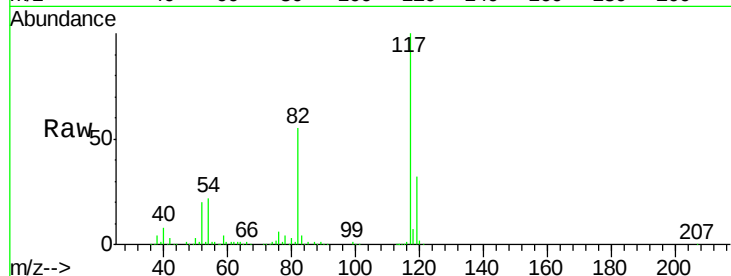




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001679.D
Acq: 18 Feb 2020 18:18

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-02-B

Tot Ion:117 Resp: 257907
Ion Ratio Lower Upper
117 100
82 55.4 45.5 68.3
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001679.D
Acq: 18 Feb 2020 18:18

Tgt Ion:152 Resp: 116188
Ion Ratio Lower Upper
152 100
115 60.0 31.4 94.2
150 156.3 0.0 407.2

