

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001683.D
 Acq On : 18 Feb 2020 19:47
 Operator : SY/MD
 Sample : L1547-18
 Misc : 2.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-03-C

Quant Time: Feb 19 07:56:23 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	150008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	278290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112523	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	89930	55.73	ug/l	0.00
Spiked Amount			Recovery	=	111.46%	
35) Dibromofluoromethane	7.75	113	81942	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
50) Toluene-d8	10.20	98	336755	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.50	95	114548	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	

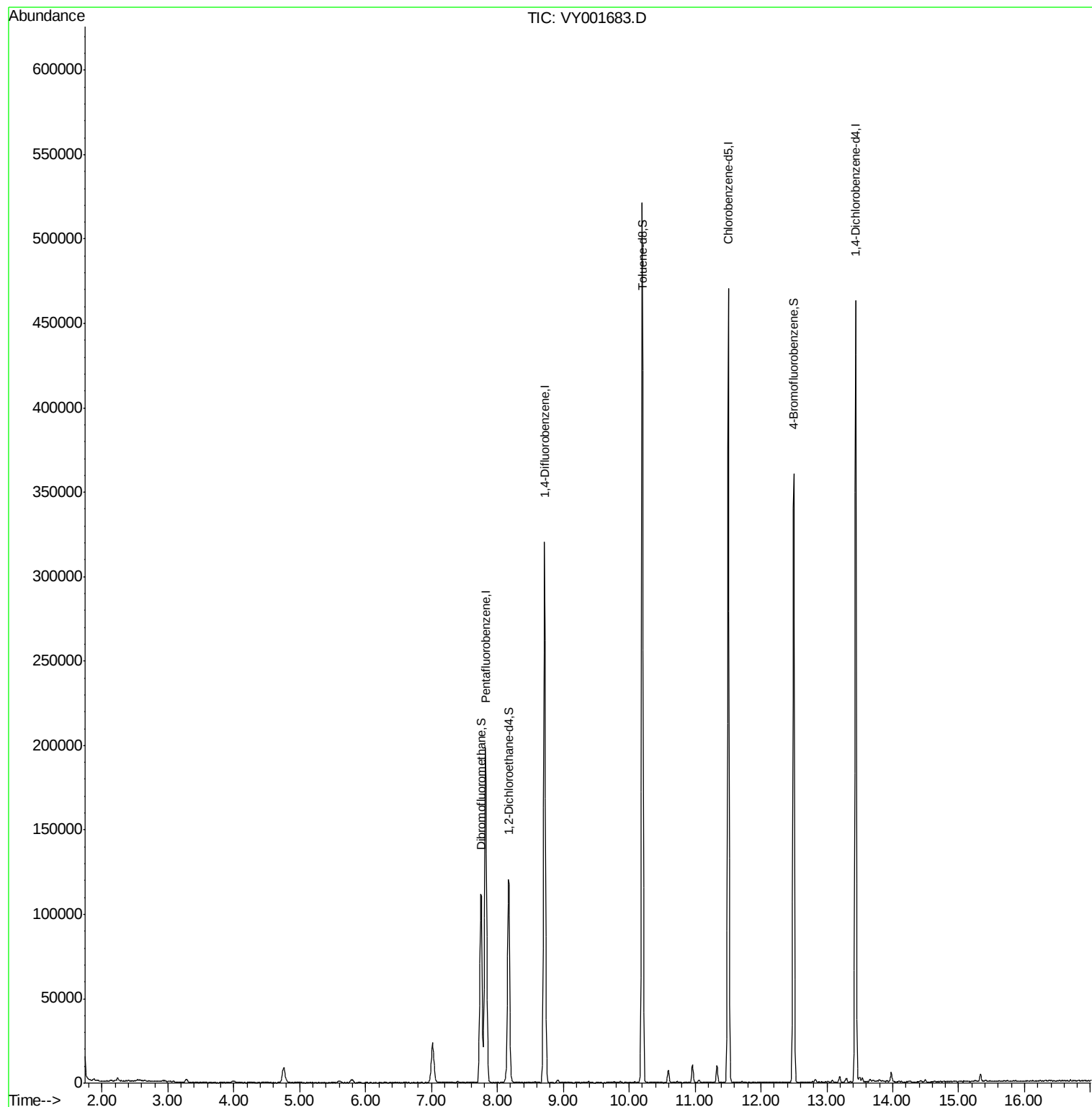
Target Compounds	Qvalue
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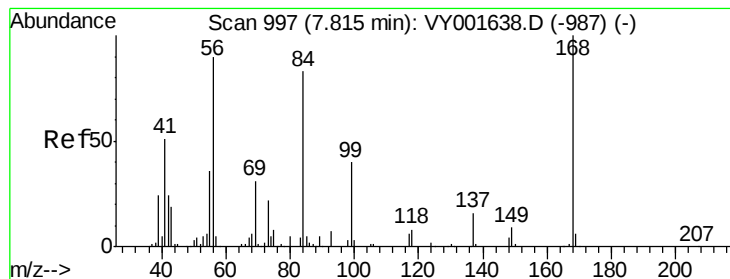
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

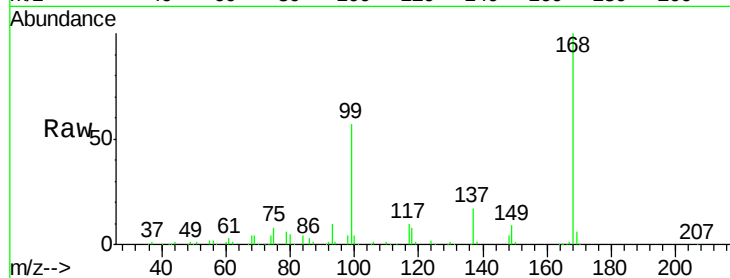
MARCY-GREEN-BH-03-C

Tot Ion:168 Resp: 150008

Ion Ratio Lower Upper

168 100

99 56.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001683.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001683.D (-987) (-)

7.82

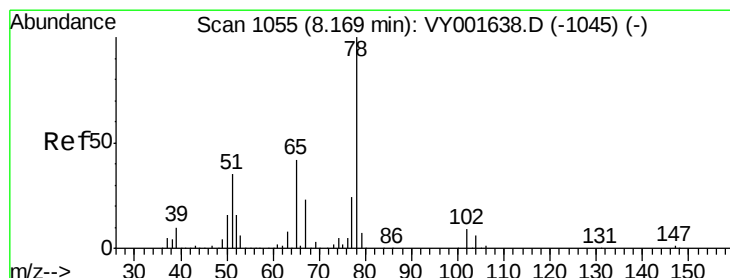
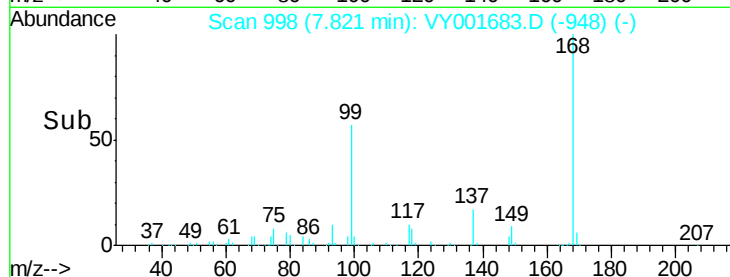
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.734 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001683.D

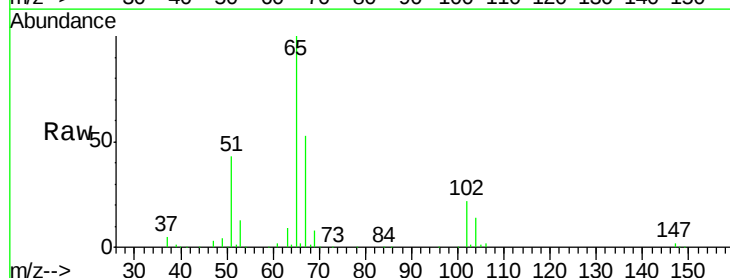
Acq: 18 Feb 2020 19:47

Tgt Ion: 65 Resp: 89930

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001683.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001683.D (-1045) (-)

8.18

40000

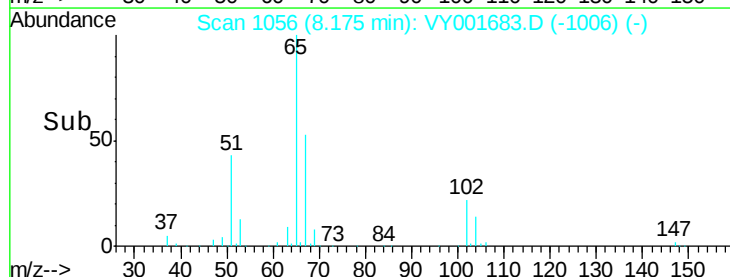
30000

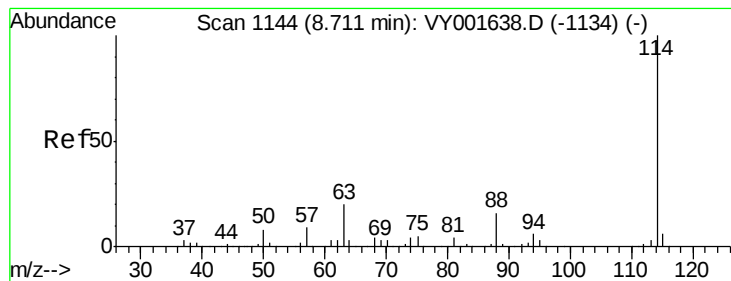
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-03-C

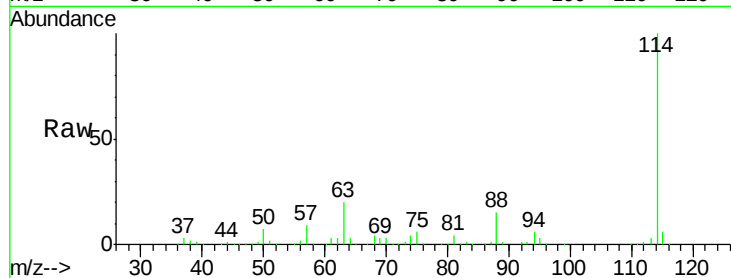
Tot Ion:114 Resp: 278290

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

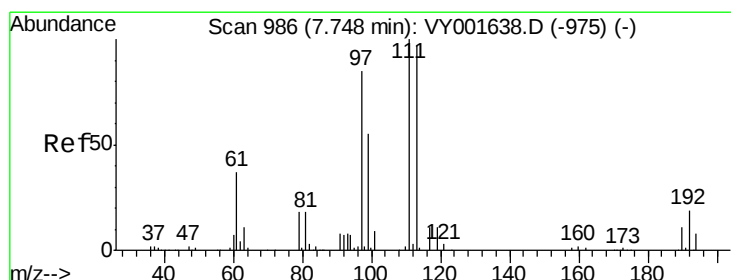
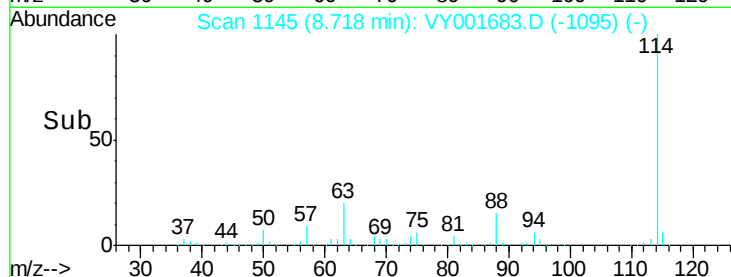
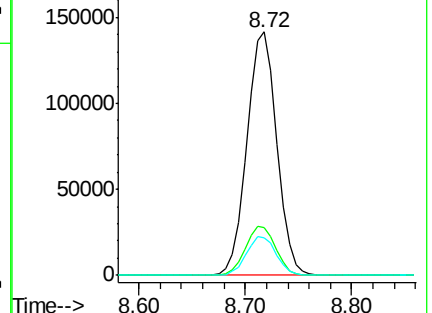
88 15.5 0.0 32.8



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: 51.409 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

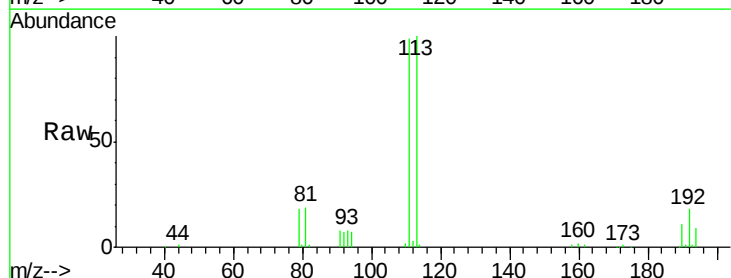
Tgt Ion:113 Resp: 81942

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

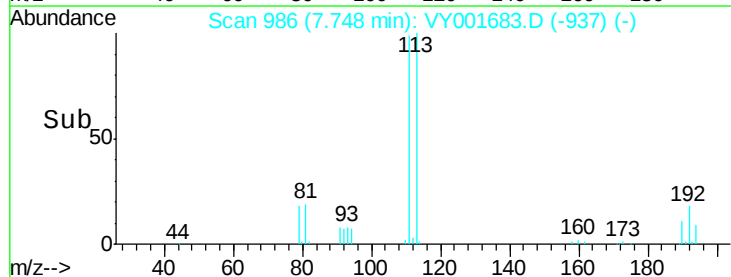
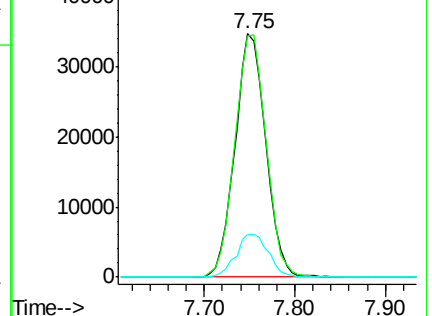
192 18.5 14.3 21.5

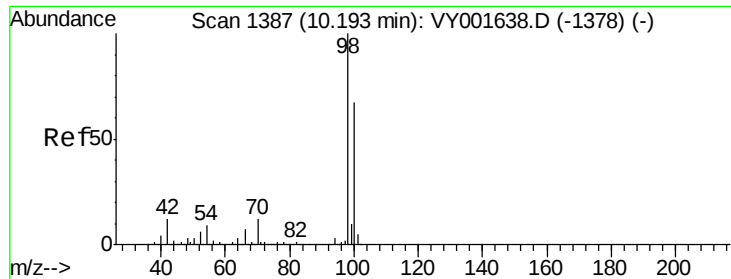


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.928 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

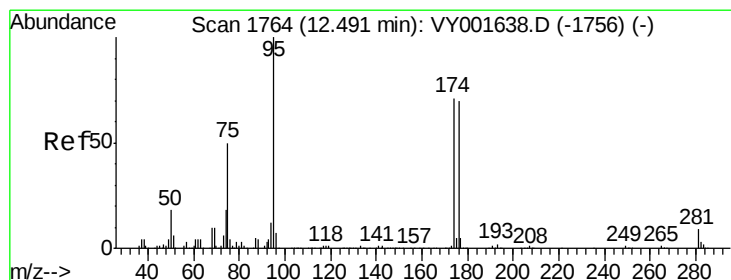
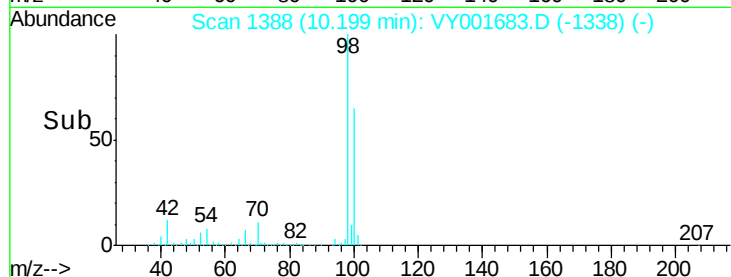
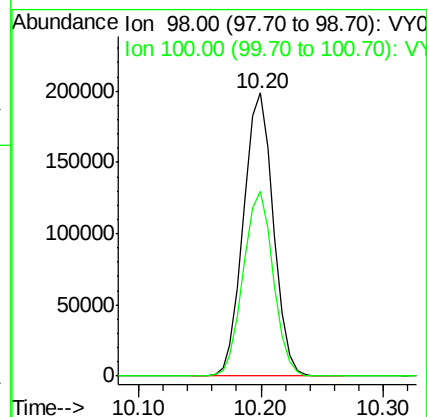
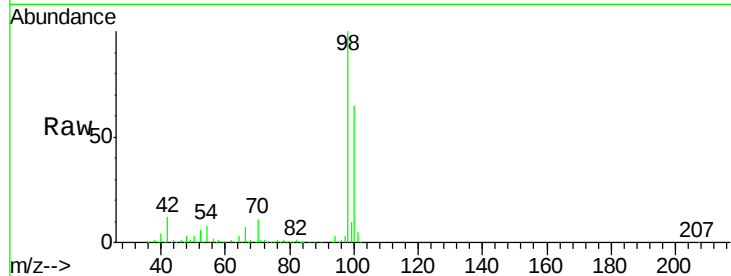
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Tot Ion: 98 Resp: 336755

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.218 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

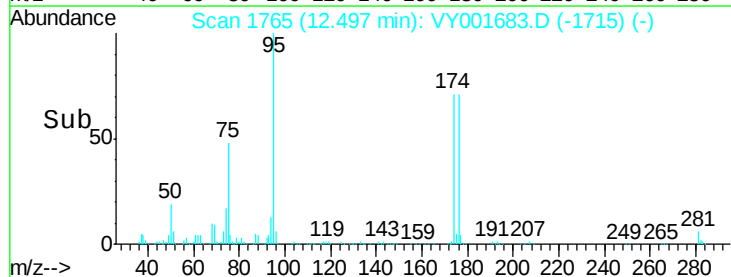
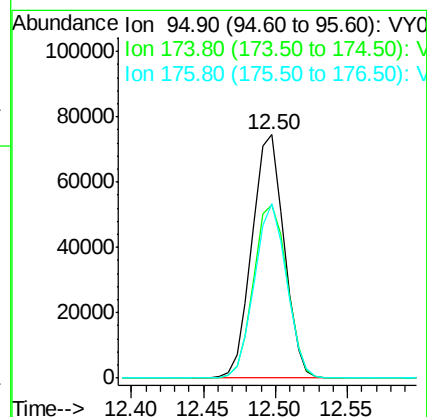
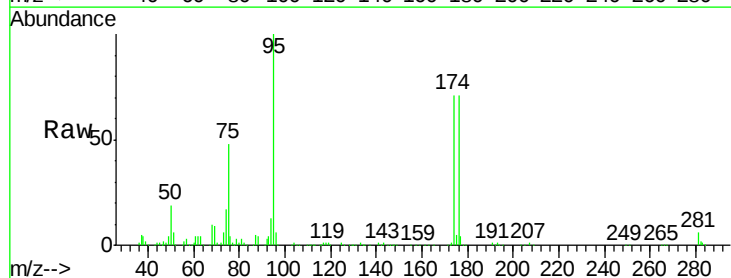
Tgt Ion: 95 Resp: 114548

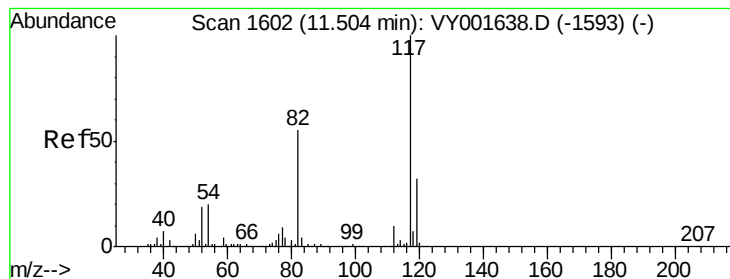
Ion Ratio Lower Upper

95 100

174 74.3 0.0 138.4

176 71.8 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-03-C

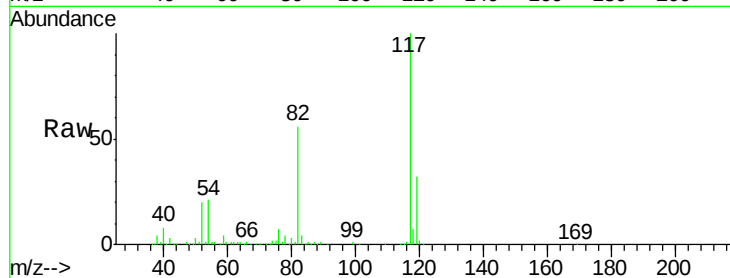
Tot Ion:117 Resp: 250166

Ion Ratio Lower Upper

117 100

82 55.6 45.5 68.3

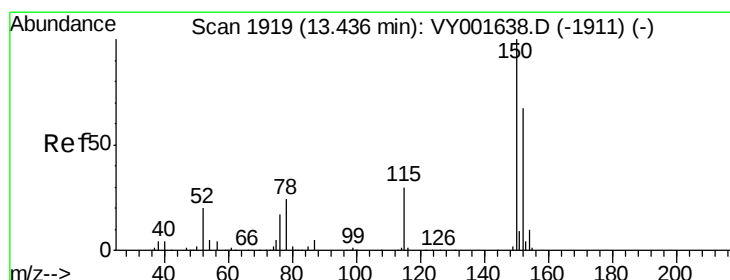
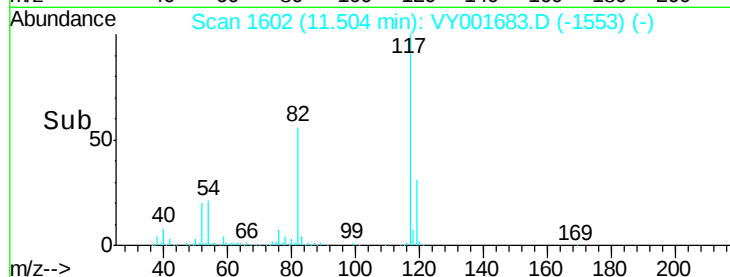
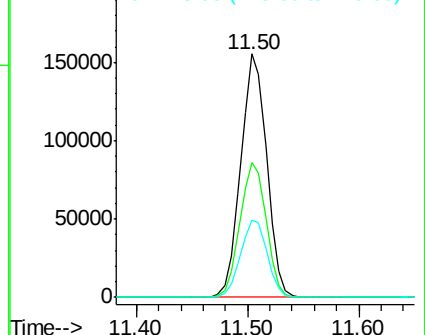
119 31.5 25.8 38.6



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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001683.D

Acq: 18 Feb 2020 19:47

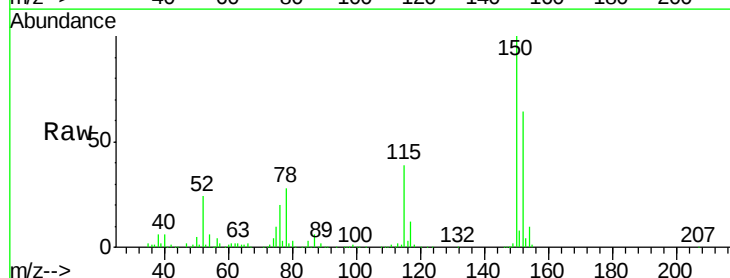
Tgt Ion:152 Resp: 112523

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.2

150 155.2 0.0 407.2



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

