

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001821.D
 Acq On : 02 Mar 2020 15:27
 Operator : SY/MD
 Sample : L1743-17
 Misc : 6.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-2

Quant Time: Mar 12 11:54:23 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	7.81	168	146417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	278455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	109817	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	91212	57.92	ug/l	-0.01
Spiked Amount			Recovery	=	115.84%	
35) Dibromofluoromethane	7.74	113	83068	52.08	ug/l	-0.01
Spiked Amount			Recovery	=	104.16%	
50) Toluene-d8	10.19	98	340881	54.56	ug/l	0.00
Spiked Amount			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	116183	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	

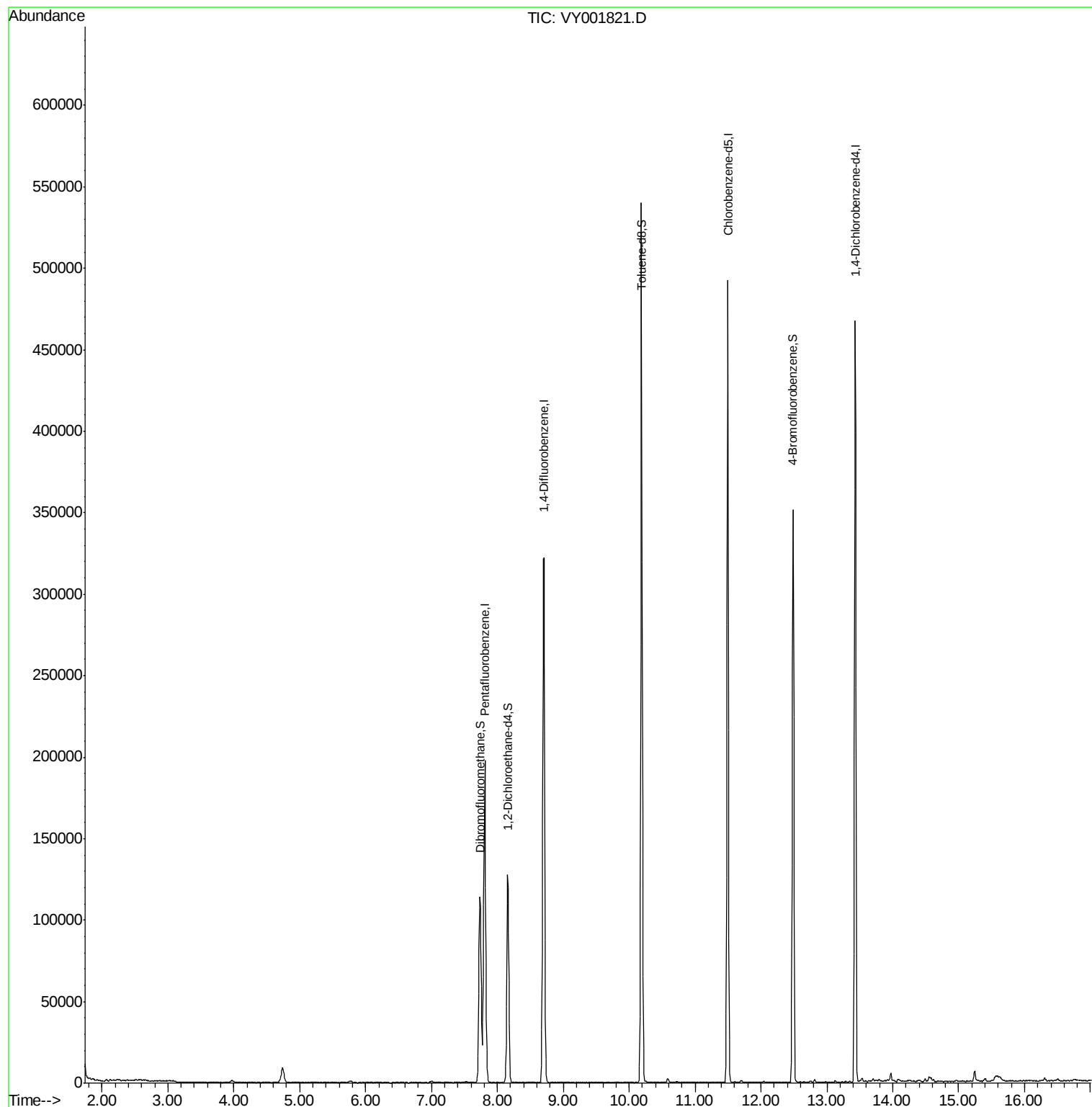
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

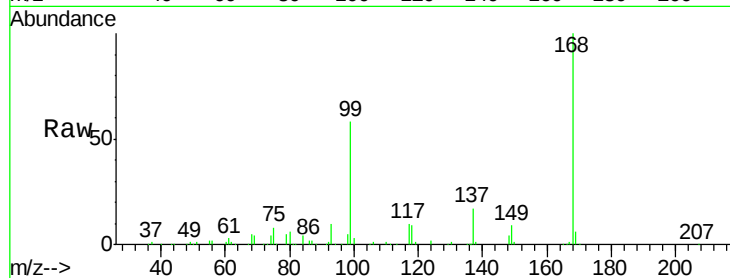
G-2

Tot Ion:168 Resp: 146417

Ion Ratio Lower Upper

168 100

99 58.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.81

60000

40000

20000

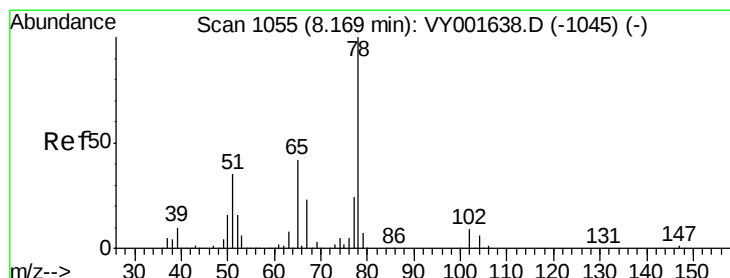
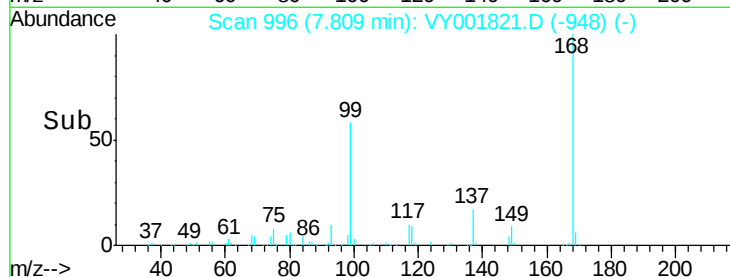
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 57.915 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001821.D

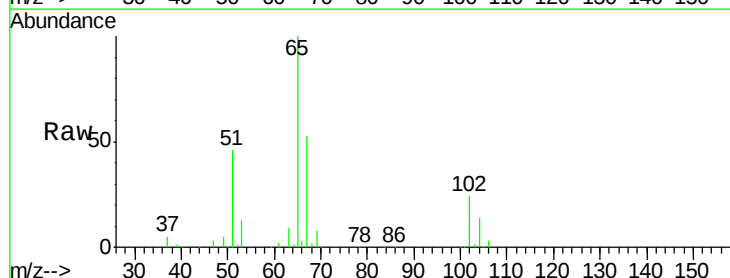
Acq: 02 Mar 2020 15:27

Tgt Ion: 65 Resp: 91212

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

8.16

50000

40000

30000

20000

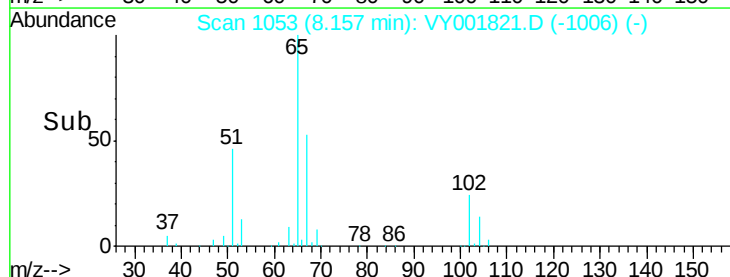
10000

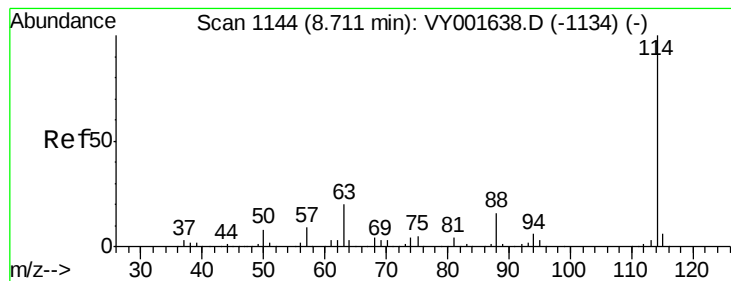
0

Time-->

8.10

8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

G-2

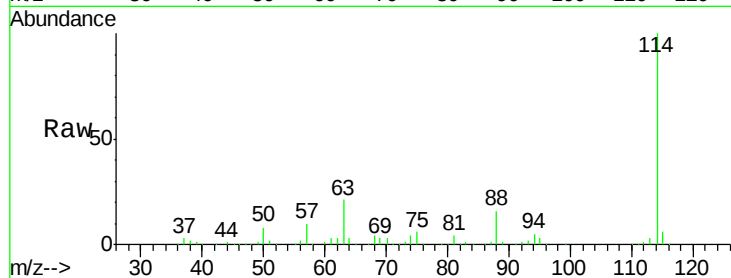
Tot Ion:114 Resp: 278455

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

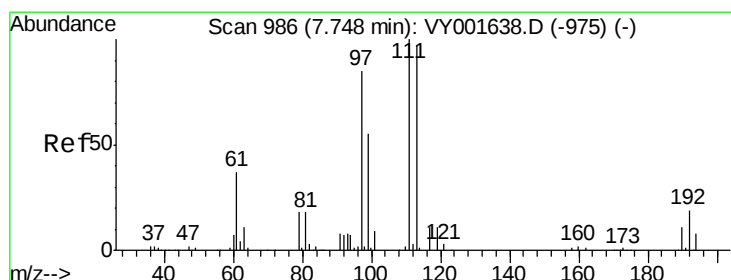
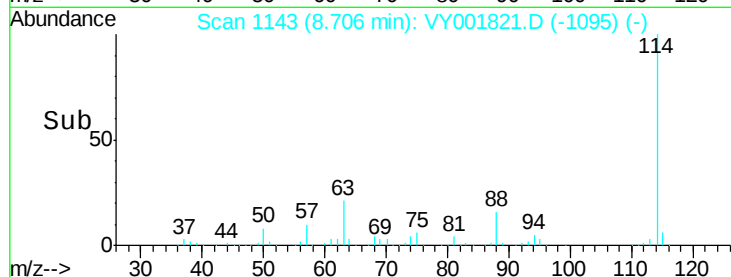
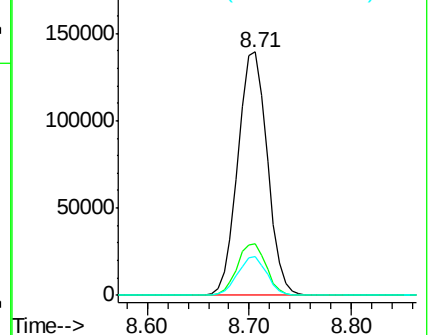
88 15.7 0.0 32.8



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: 52.085 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

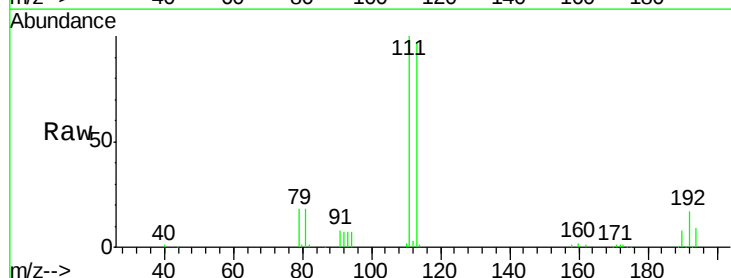
Tgt Ion:113 Resp: 83068

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

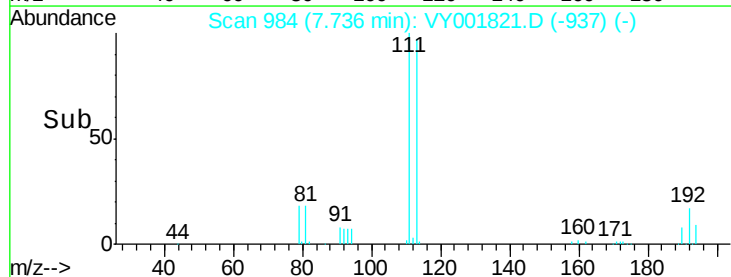
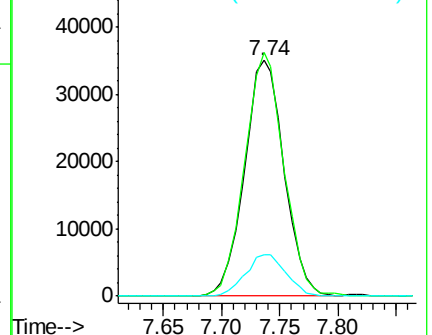
192 18.0 14.3 21.5

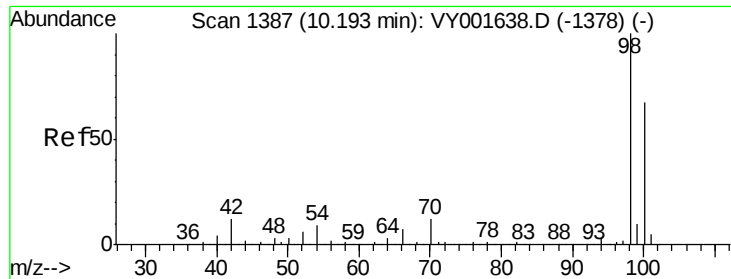


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.557 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

Instrument :

MSVOA_Y

ClientSampleId :

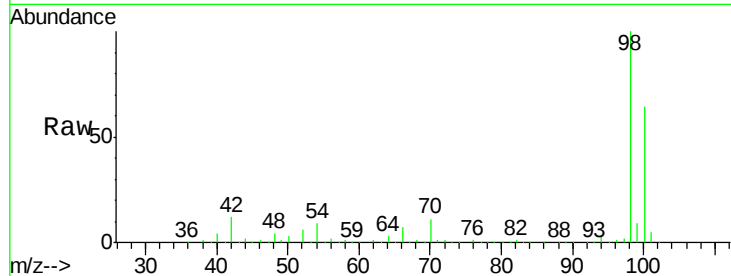
G-2

Tot Ion: 98 Resp: 340881

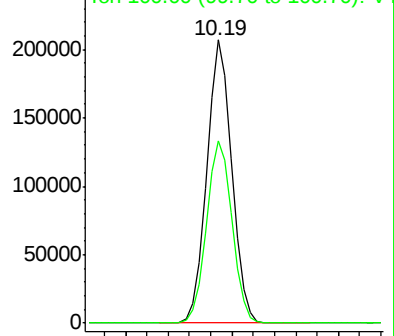
Ion Ratio Lower Upper

98 100

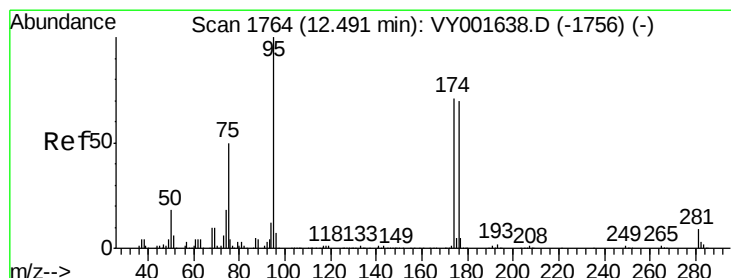
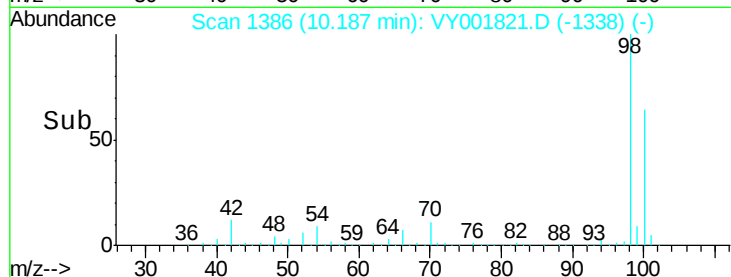
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 47.864 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001821.D

Acq: 02 Mar 2020 15:27

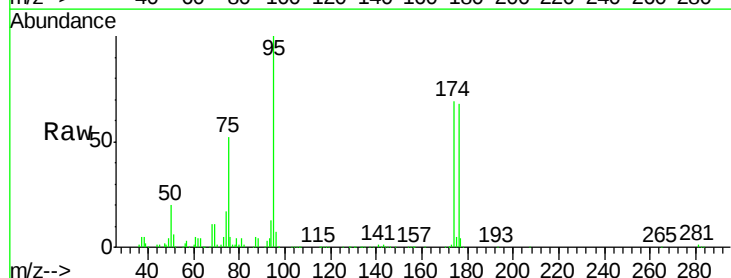
Tgt Ion: 95 Resp: 116183

Ion Ratio Lower Upper

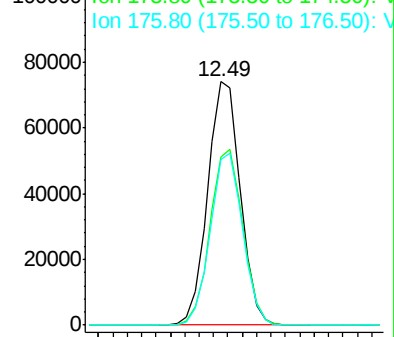
95 100

174 72.3 0.0 138.4

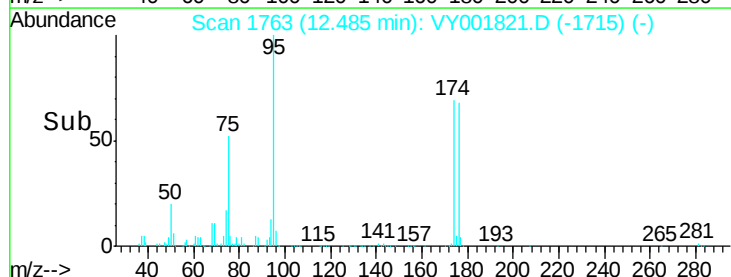
176 69.9 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)



Time-->

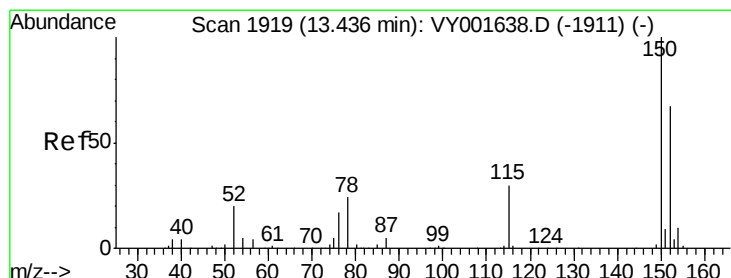
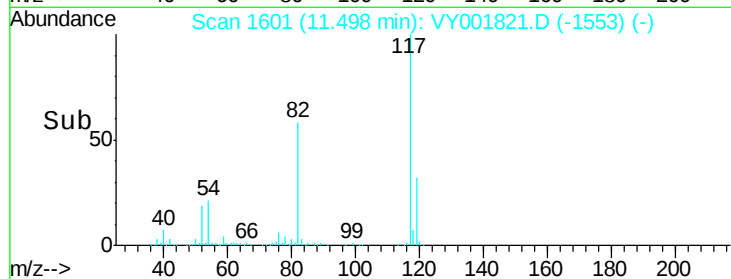
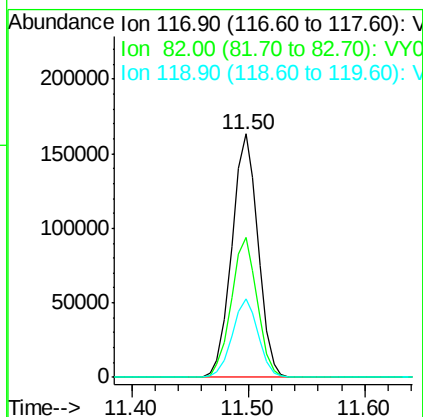
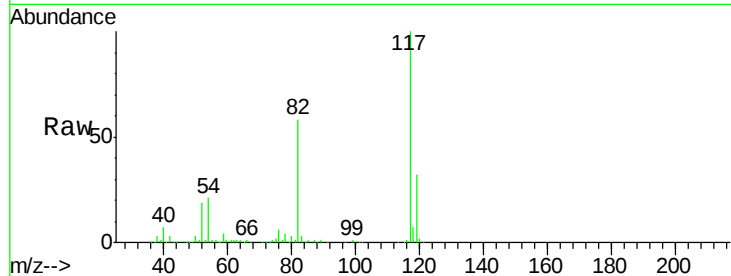




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001821.D
Acq: 02 Mar 2020 15:27

Instrument :
MSVOA_Y
ClientSampleId :
G-2

Tot Ion:117 Resp: 255691
Ion Ratio Lower Upper
117 100
82 57.5 45.5 68.3
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001821.D
Acq: 02 Mar 2020 15:27

Tgt Ion:152 Resp: 109817
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 157.9 0.0 407.2

