

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001919.D
 Acq On : 10 Mar 2020 13:08
 Operator : SY/MD
 Sample : VY0310SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0310SBL01

Quant Time: Mar 11 05:23:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	152932	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.70	114	295046	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	268204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.45	152	112406	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	89829	55.02	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.73	113	86220	53.52	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.04%	
50) Toluene-d8	10.19	98	359143	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.50	95	119567	50.62	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.24%	

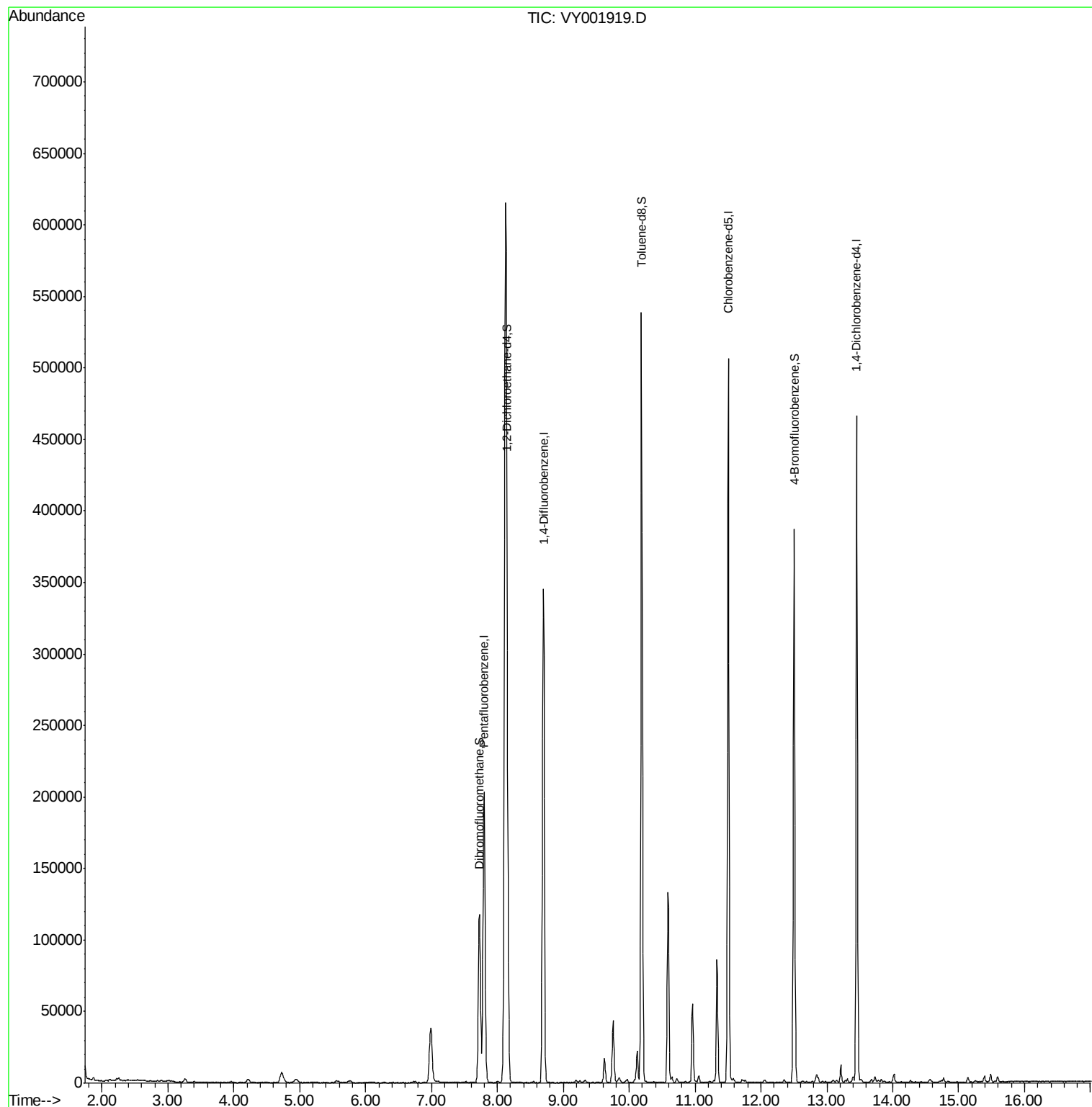
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001919.D

Acq: 10 Mar 2020 13:08

Instrument :

MSVOA_Y

ClientSampleId :

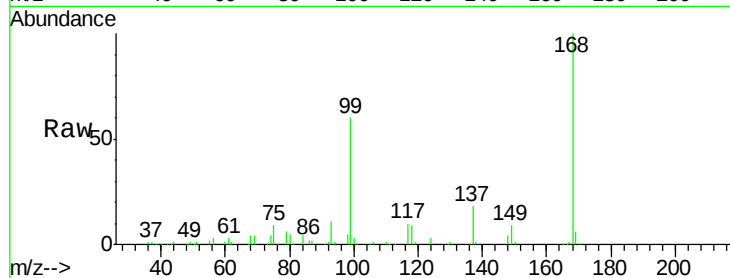
VY0310SBL01

Tot Ion:168 Resp: 152932

Ion Ratio Lower Upper

168 100

99 60.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001919.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001919.D (-986) (-)

7.80

60000

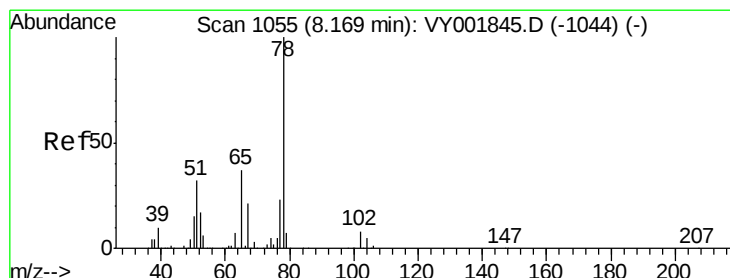
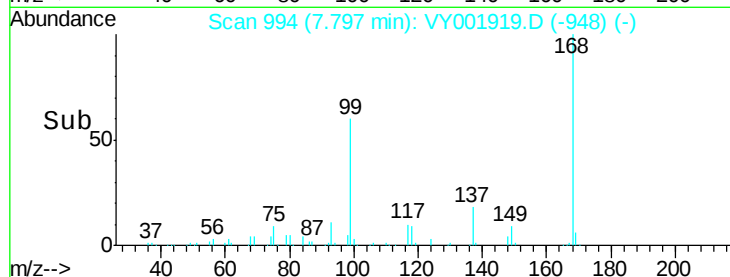
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.020 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001919.D

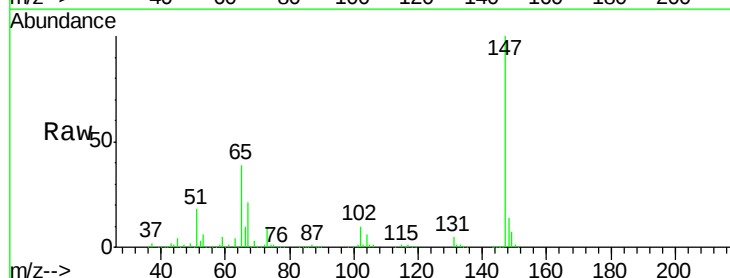
Acq: 10 Mar 2020 13:08

Tgt Ion: 65 Resp: 89829

Ion Ratio Lower Upper

65 100

67 64.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001919.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001919.D (-1006) (-)

8.15

40000

30000

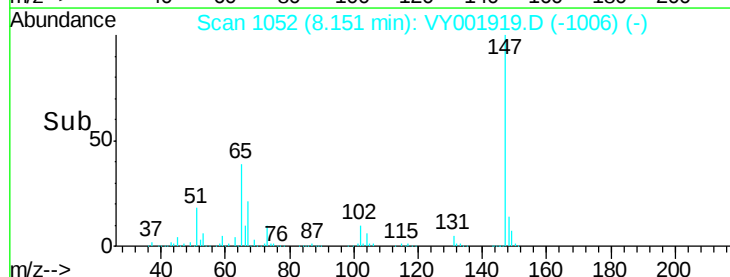
20000

10000

0

8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001919.D

Acq: 10 Mar 2020 13:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0310SBL01

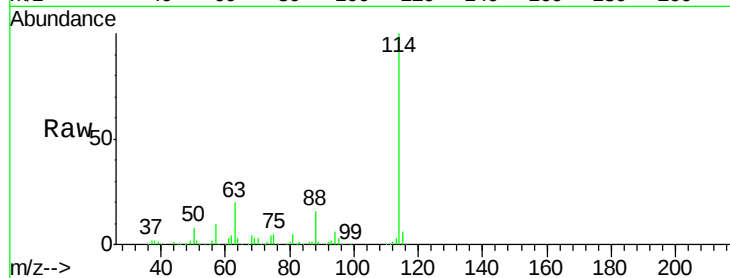
Tot Ion:114 Resp: 295046

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

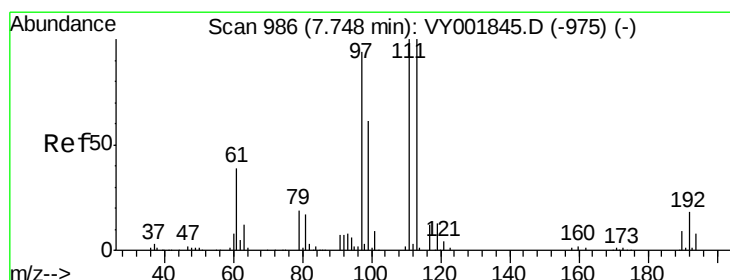
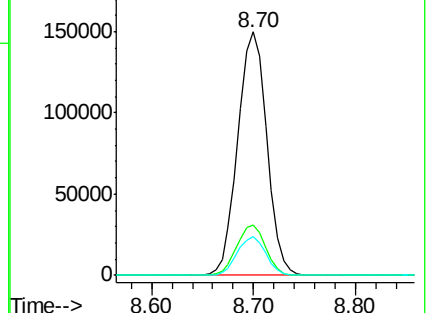
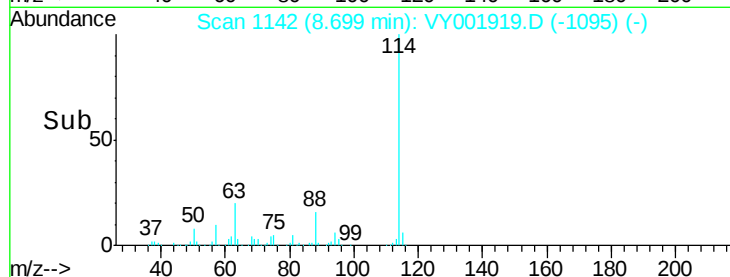
88 15.9 0.0 30.4



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: 53.517 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001919.D

Acq: 10 Mar 2020 13:08

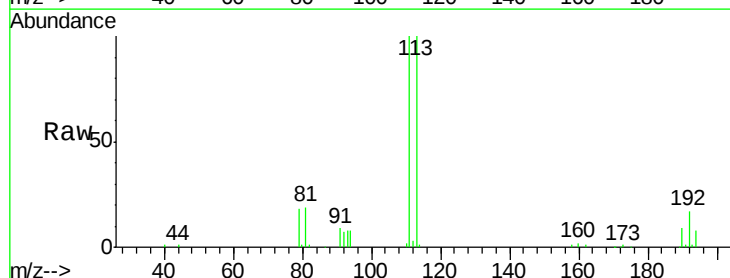
Tgt Ion:113 Resp: 86220

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

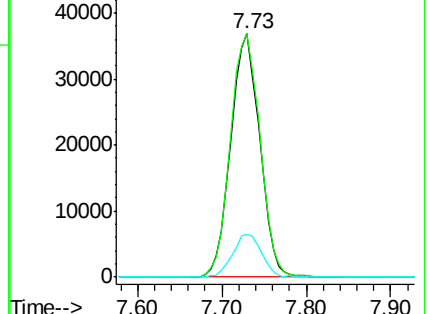
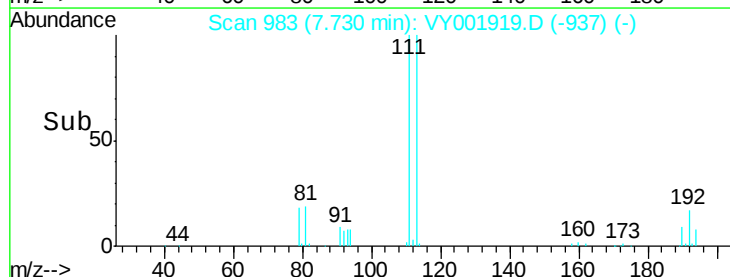
192 17.7 14.2 21.2

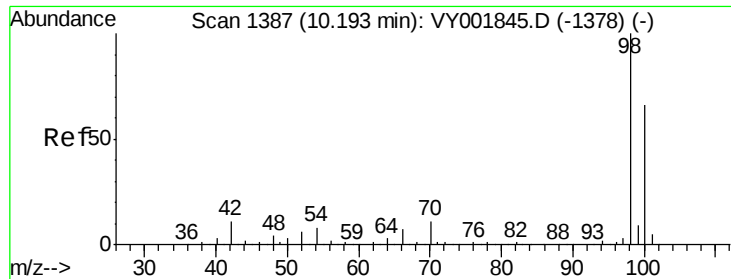


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.864 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001919.D

Acq: 10 Mar 2020 13:08

Instrument :

MSVOA_Y

ClientSampleId :

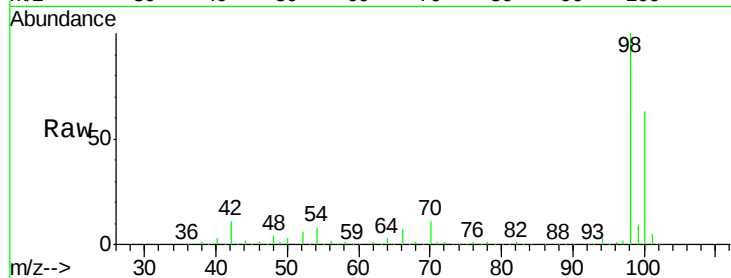
VY0310SBL01

Tot Ion: 98 Resp: 359143

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

250000

200000

150000

100000

50000

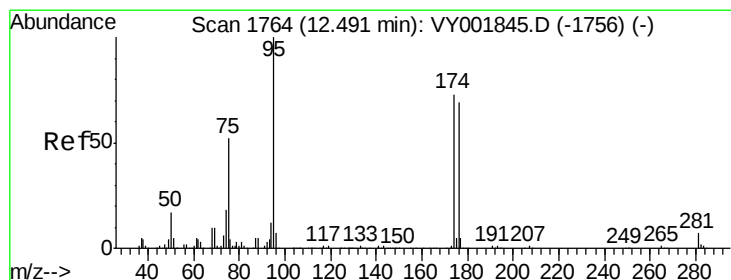
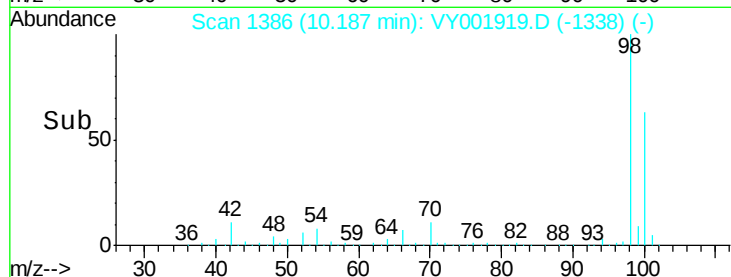
0

10.10

10.20

10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 50.616 ug/l

RT: 12.50 min Scan# 1766

Delta R.T. 0.01 min

Lab File: VY001919.D

Acq: 10 Mar 2020 13:08

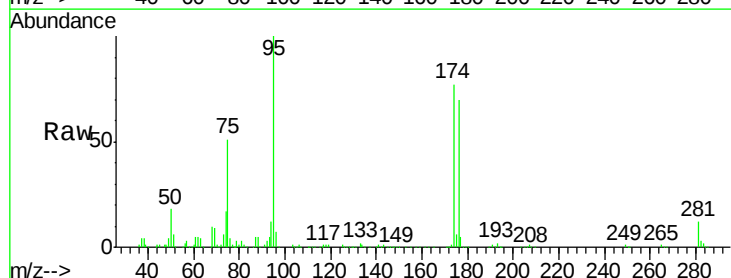
Tgt Ion: 95 Resp: 119567

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.0

176 70.4 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

100000

80000

60000

40000

20000

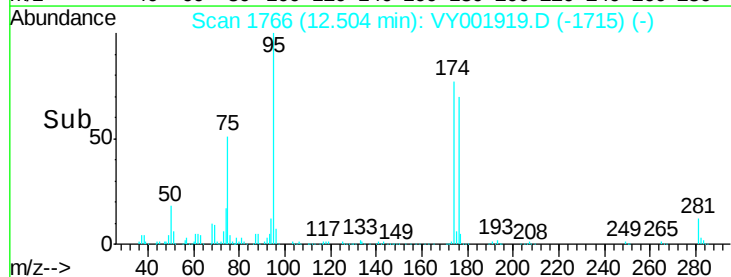
0

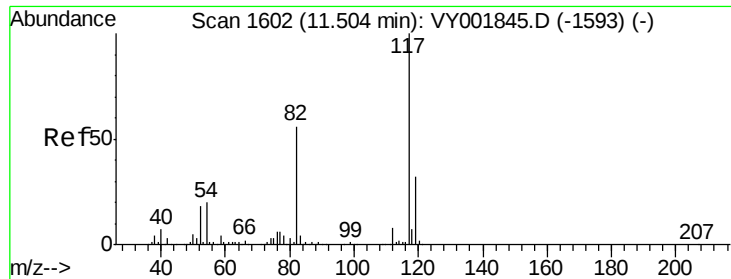
12.45

12.50

12.55

Time-->

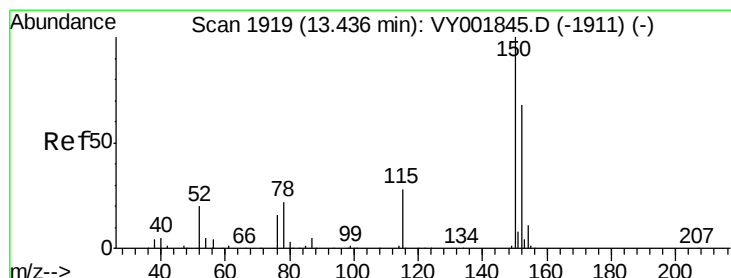
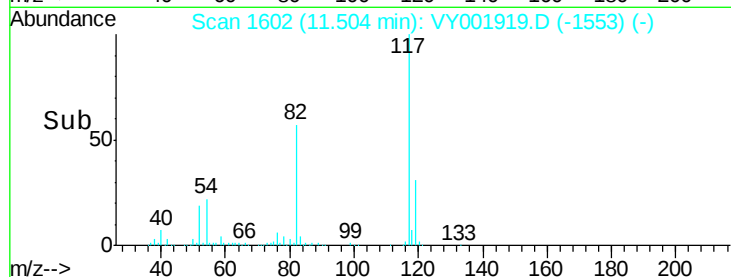
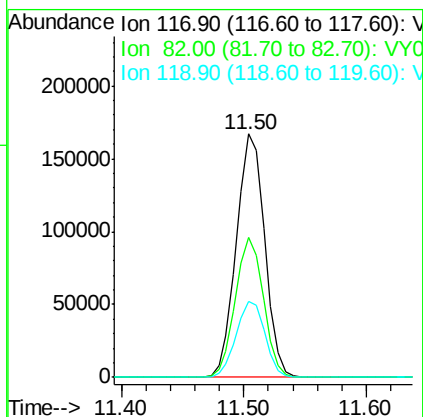
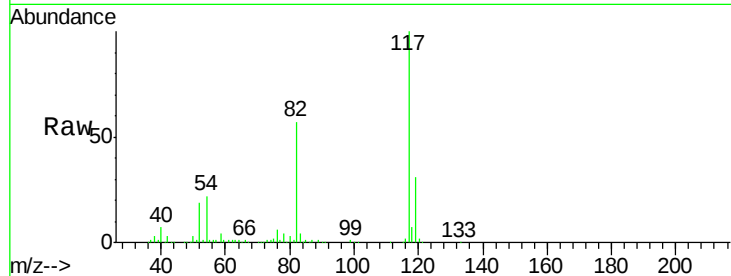




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001919.D
Acq: 10 Mar 2020 13:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0310SBL01

Tot Ion:117 Resp: 268204
Ion Ratio Lower Upper
117 100
82 57.2 44.5 66.7
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.45 min Scan# 1922
Delta R.T. 0.02 min
Lab File: VY001919.D
Acq: 10 Mar 2020 13:08

Tgt Ion:152 Resp: 112406
Ion Ratio Lower Upper
152 100
115 62.3 29.9 89.7
150 158.7 0.0 340.6

