

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003142.D
 Acq On : 09 Jul 2020 13:03
 Operator : SY/MD
 Sample : VY0709SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBL01

Quant Time: Jul 10 06:07:04 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	414938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	609653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	563635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	300062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	202269	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	7.72	113	196735	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.18	98	723807	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.49	95	255662	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

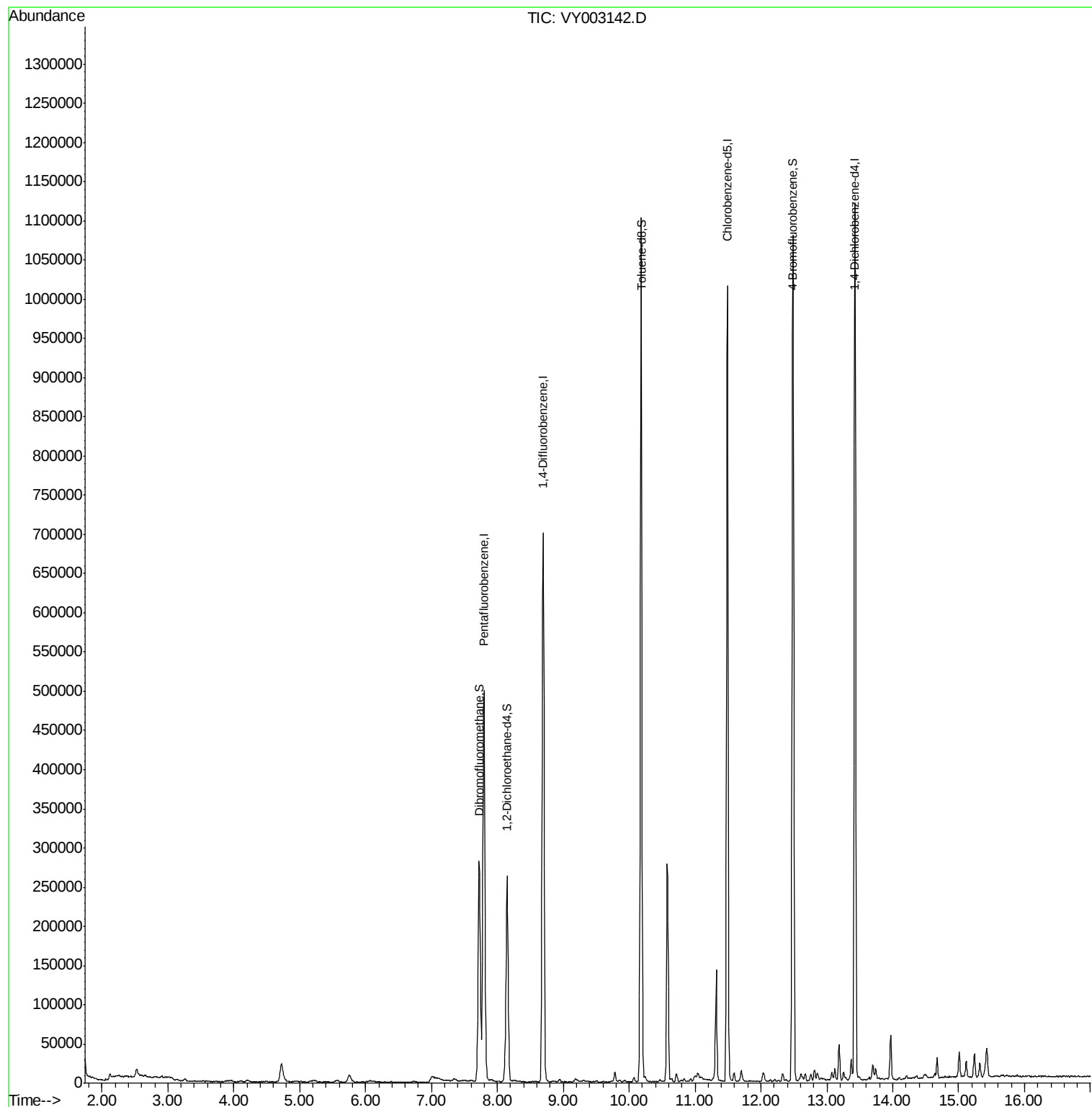
Target Compounds	Qvalue

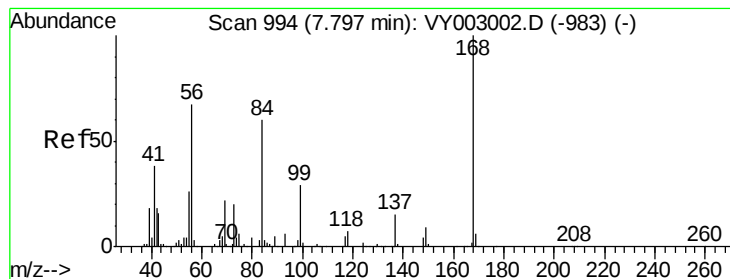
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003142.D

Acq: 09 Jul 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

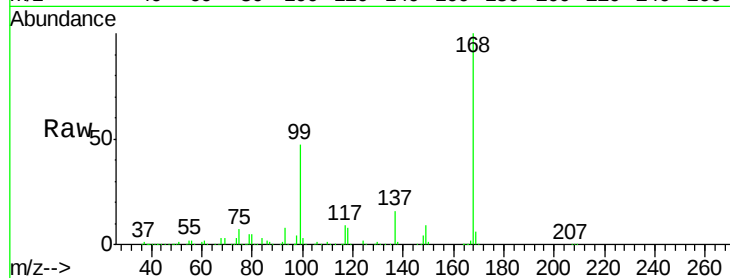
VY0709SBL01

Tot Ion:168 Resp: 414938

Ion Ratio Lower Upper

168 100

99 47.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003142.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003142.D (-945) (-)

7.80

200000

150000

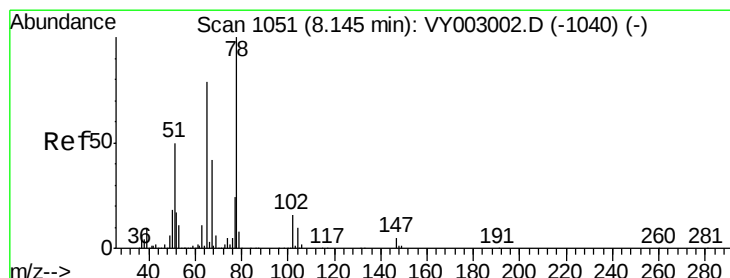
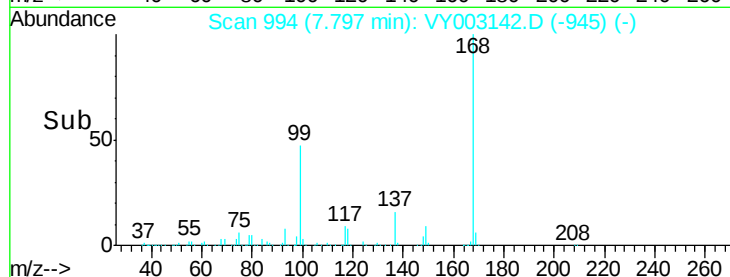
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.080 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003142.D

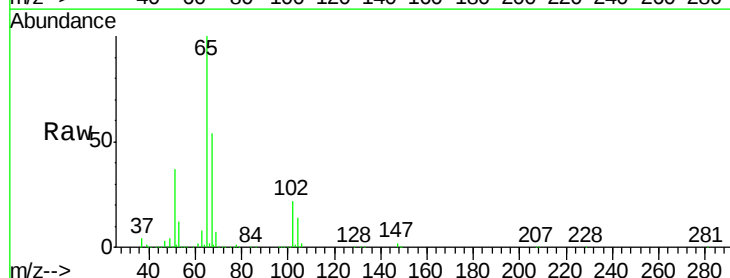
Acq: 09 Jul 2020 13:03

Tgt Ion: 65 Resp: 202269

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003142.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003142.D (-1002) (-)

8.15

100000

80000

60000

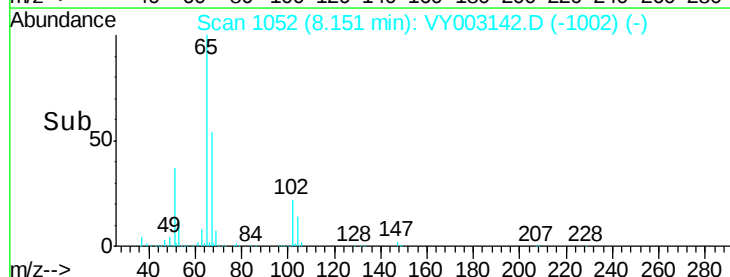
40000

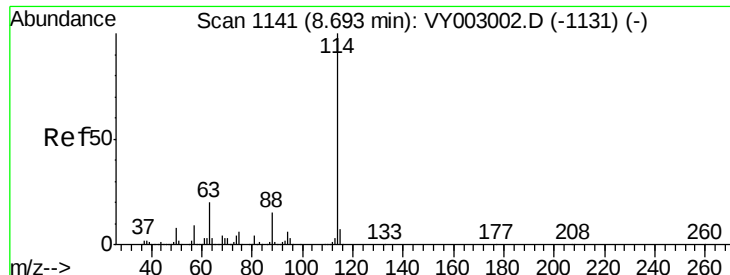
20000

0

8.10 8.20 8.30

Time-->

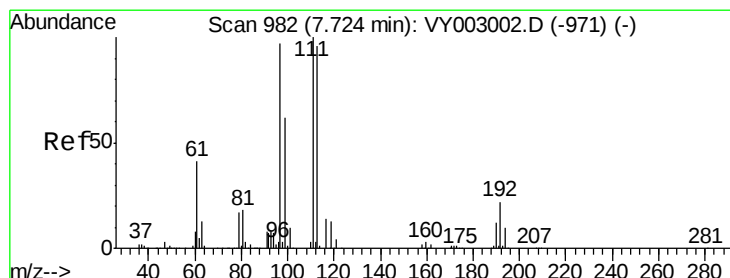
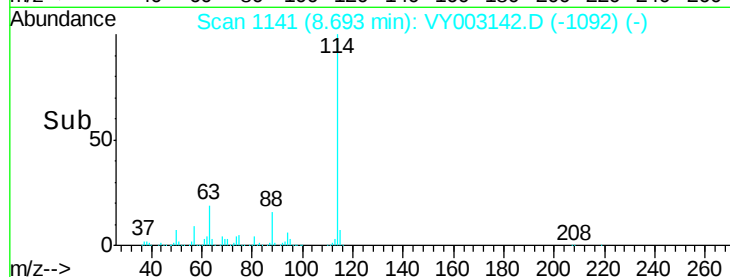
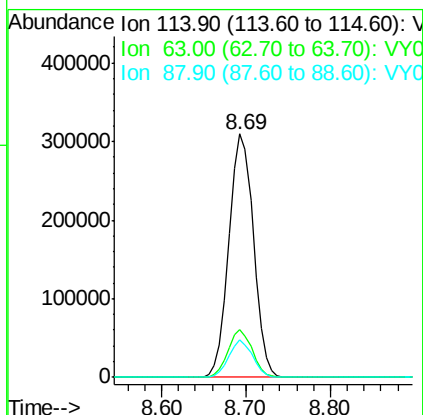
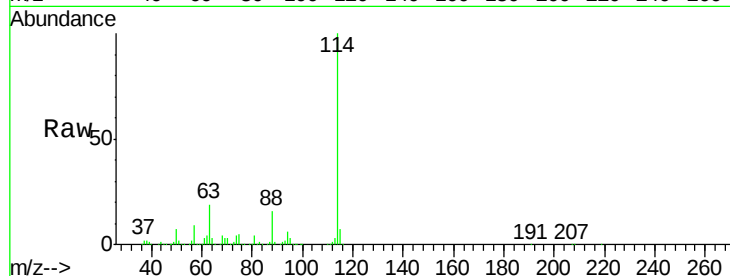




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003142.D
 Acq: 09 Jul 2020 13:03

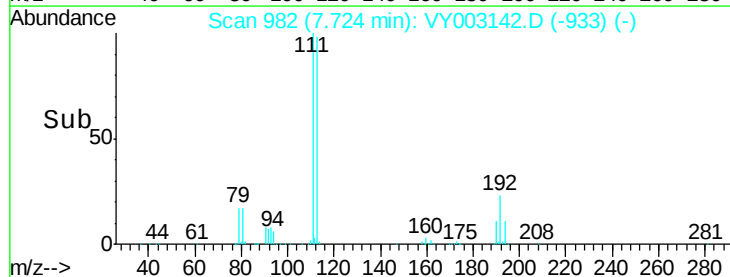
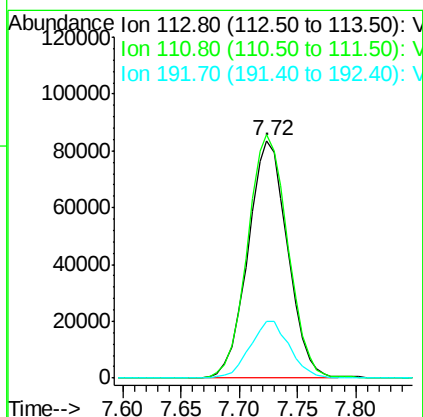
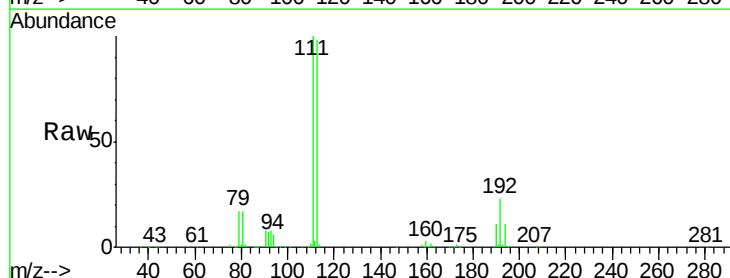
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0709SBL01

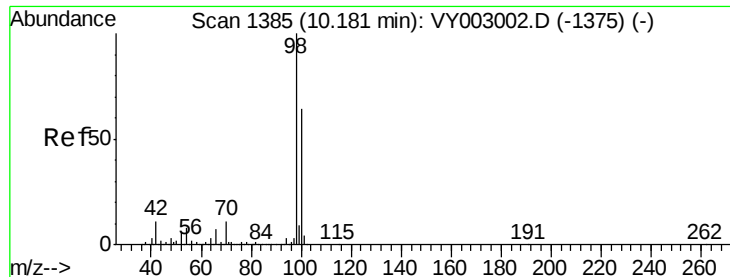
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.6
88	15.5	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 51.730 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003142.D
 Acq: 09 Jul 2020 13:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.6	123.8
192	23.9	18.1	27.1





#50

Toluene-d8

Concen: 51.086 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003142.D

Acq: 09 Jul 2020 13:03

Instrument :

MSVOA_Y

ClientSampleId :

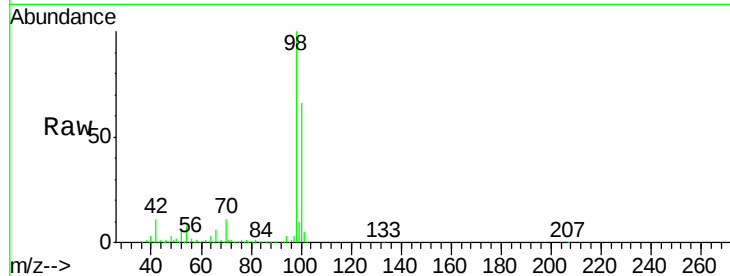
VY0709SBL01

Tot Ion: 98 Resp: 723807

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

400000

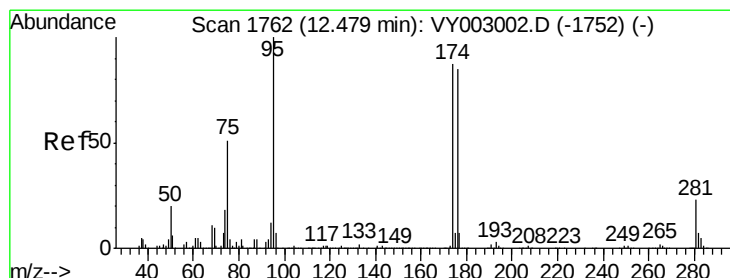
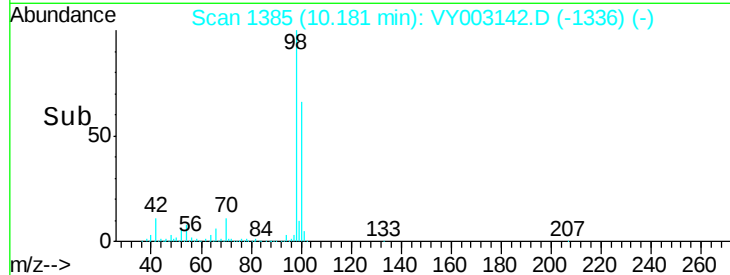
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.263 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY003142.D

Acq: 09 Jul 2020 13:03

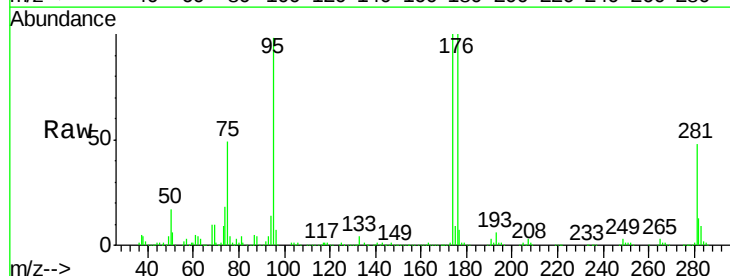
Tgt Ion: 95 Resp: 255662

Ion Ratio Lower Upper

95 100

174 96.2 0.0 184.8

176 96.4 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

200000

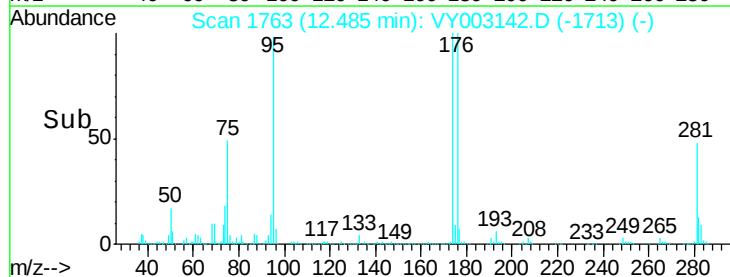
150000

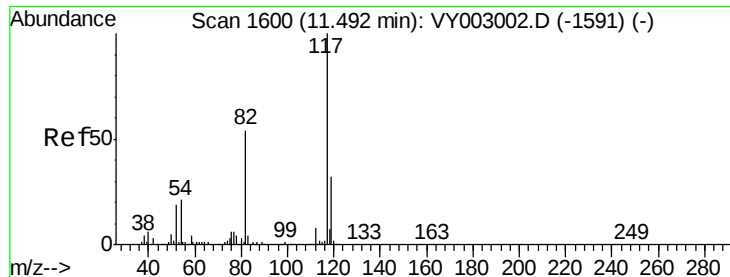
100000

50000

0

Time-->

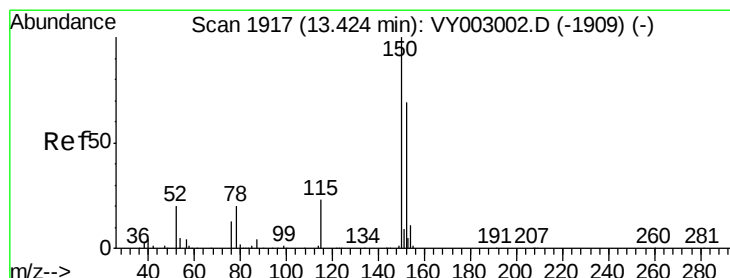
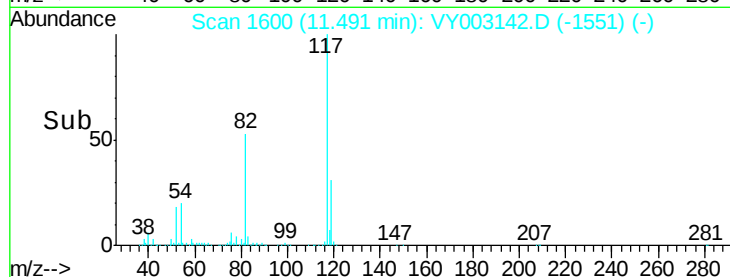
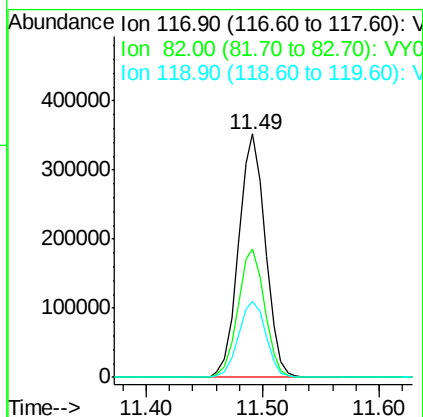
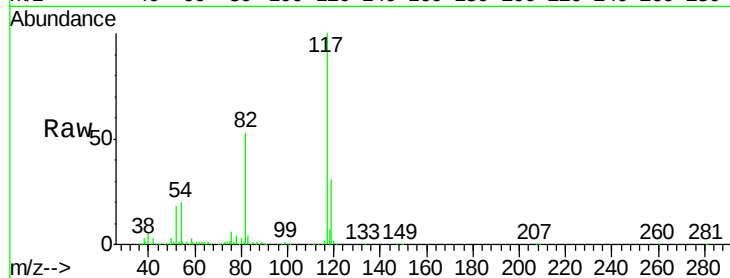




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003142.D
Acq: 09 Jul 2020 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0709SBL01

Tot Ion:117 Resp: 563635
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.6
119 31.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY003142.D
Acq: 09 Jul 2020 13:03

Tgt Ion:152 Resp: 300062
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 157.9 0.0 343.4

