

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003081.D
 Acq On : 02 Jul 2020 13:36
 Operator : SY/MD
 Sample : VIBLK
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 03 03:07:19 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	705863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	1101735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	1022111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	534674	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	321396	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.72	113	333152	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.18	98	1257181	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.48	95	436926	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

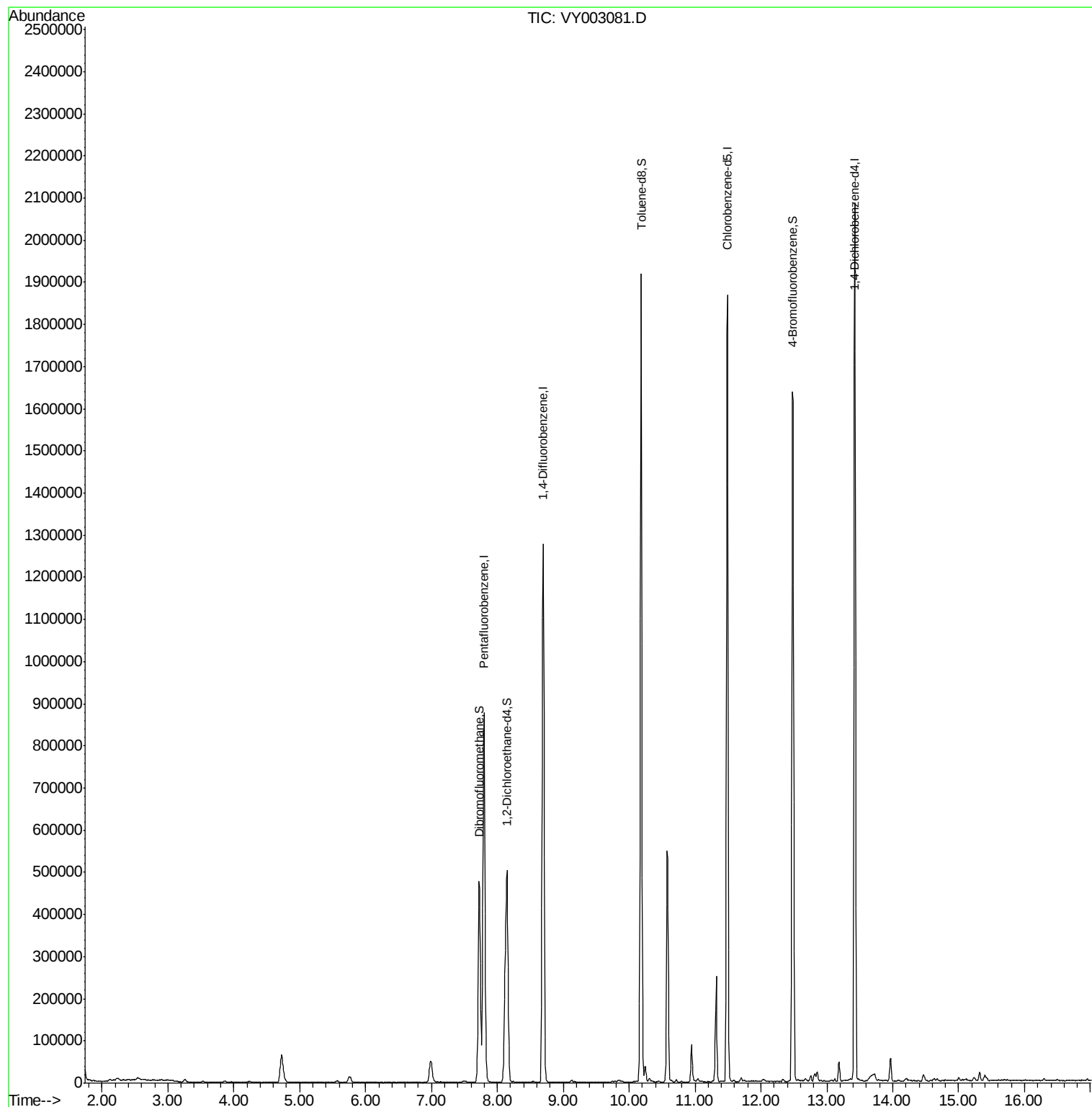
Target Compounds	Qvalue

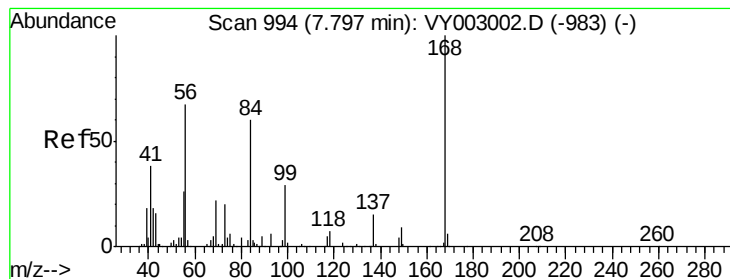
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003081.D

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Instrument :

MSVOA_Y

ClientSampleId :

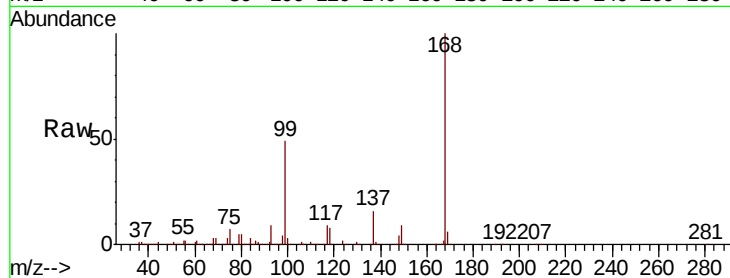
VIBLK

Tot Ion:168 Resp: 705863

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

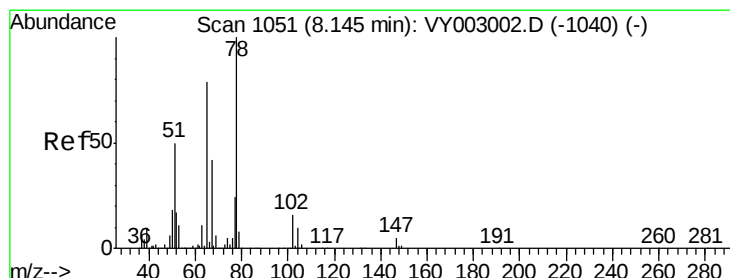
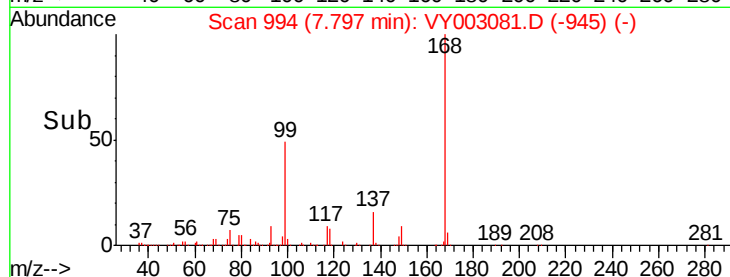
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.844 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003081.D

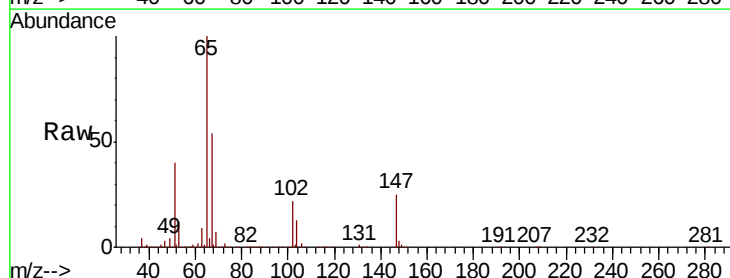
Acq: 02 Jul 2020 13:36

Tgt Ion: 65 Resp: 321396

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003002.D (-1040) (-)

Ion 66.90 (66.60 to 67.60): VY003002.D (-1040) (-)

8.15

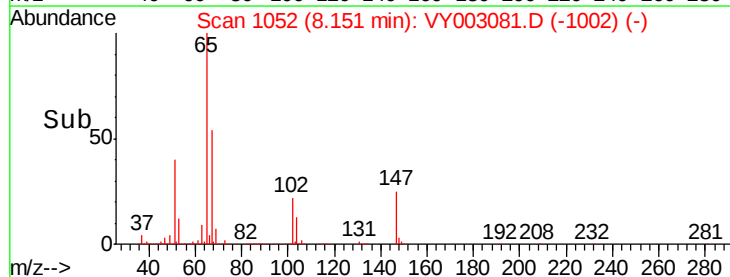
150000

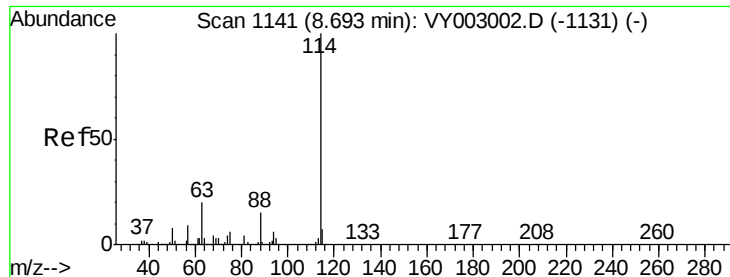
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

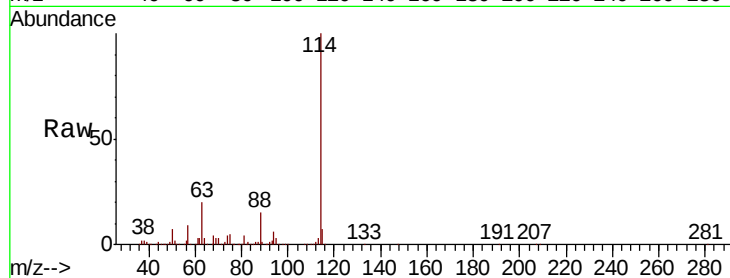
Tot Ion:114 Resp: 1101735

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

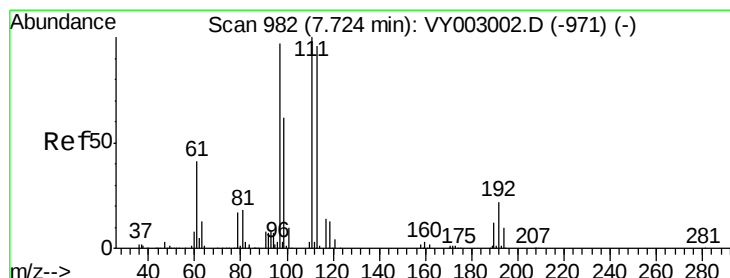
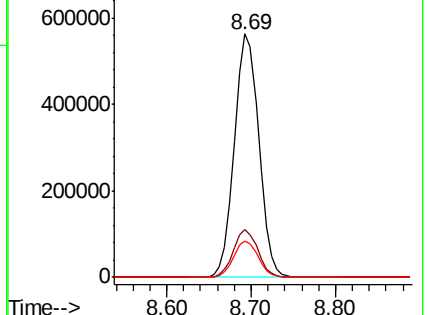
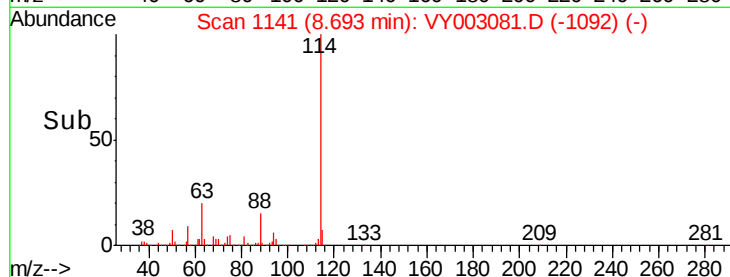
88 14.8 0.0 30.0



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: 48.474 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

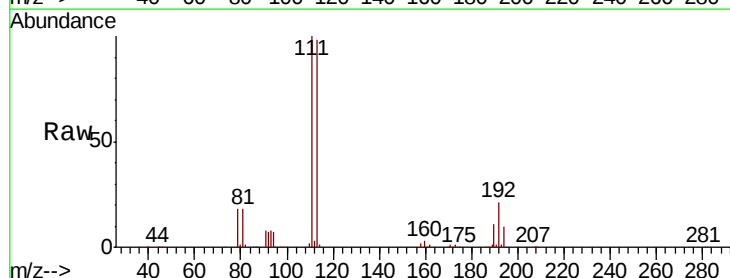
Tgt Ion:113 Resp: 333152

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

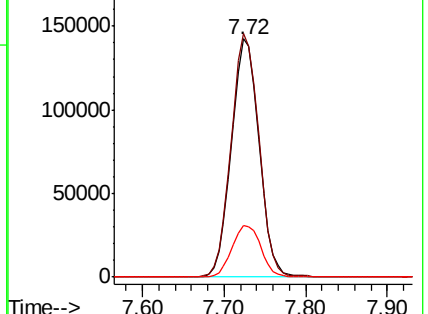
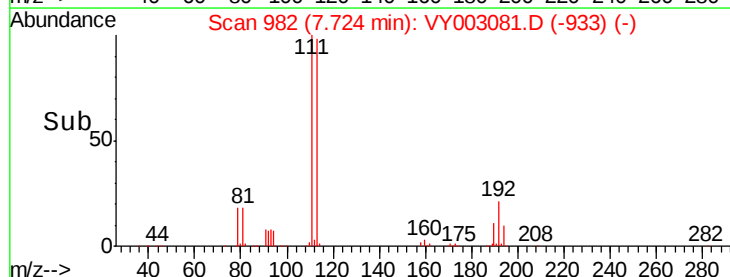
192 22.7 18.1 27.1

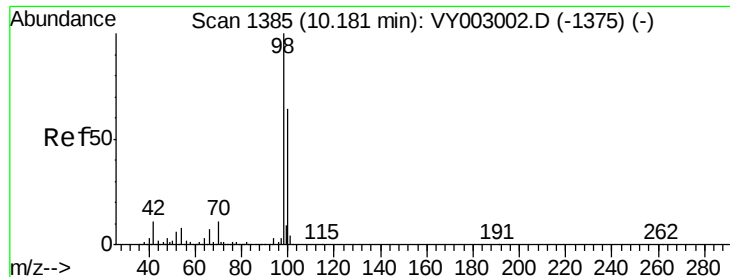


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.100 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

Instrument :

MSVOA_Y

ClientSampleId :

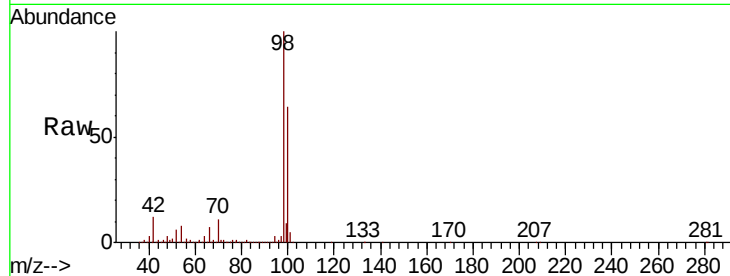
VIBLK

Tot Ion: 98 Resp: 1257181

Ion Ratio Lower Upper

98 100

100 63.7 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

800000

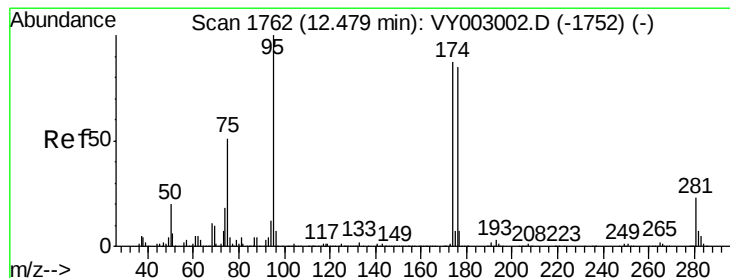
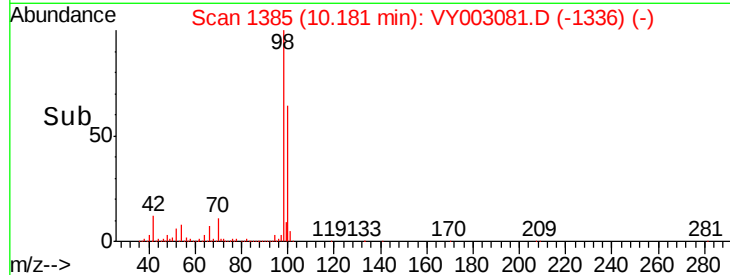
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.479 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003081.D

Acq: 02 Jul 2020 13:36

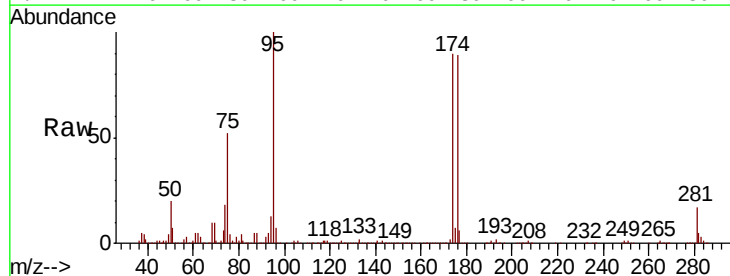
Tgt Ion: 95 Resp: 436926

Ion Ratio Lower Upper

95 100

174 93.5 0.0 184.8

176 91.3 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

400000

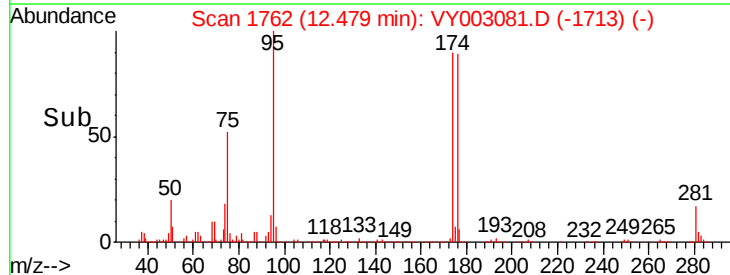
300000

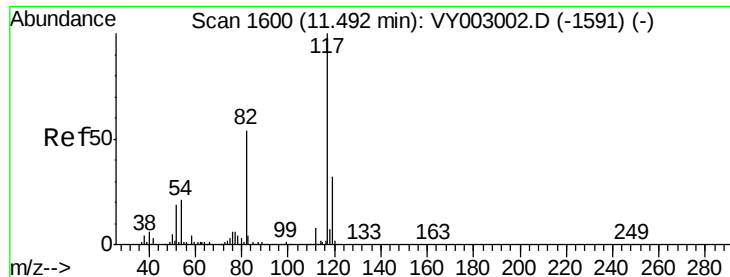
200000

100000

0

Time-->

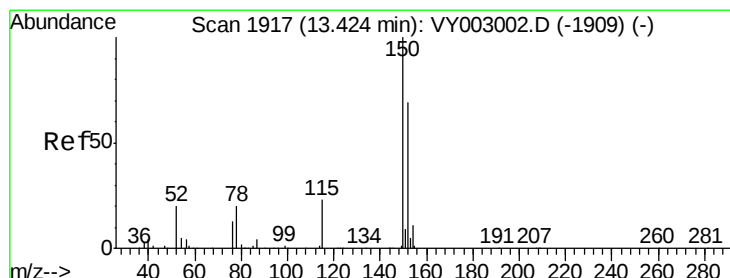
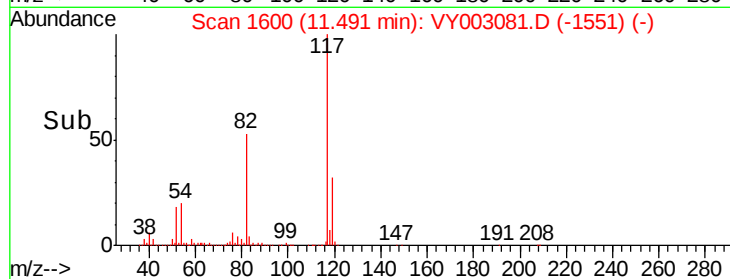
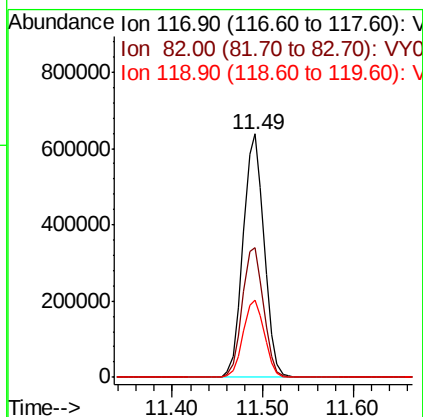
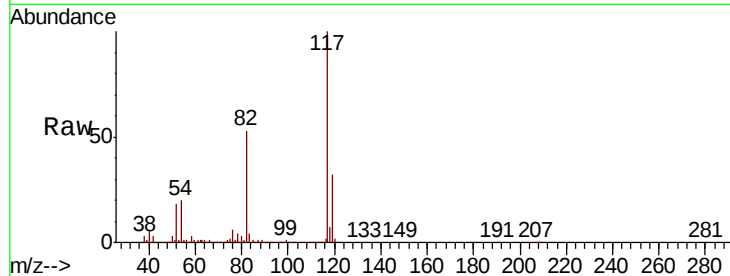




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003081.D
Acq: 02 Jul 2020 13:36

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 1022111
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.6
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003081.D
Acq: 02 Jul 2020 13:36

Tgt Ion:152 Resp: 534674
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 156.4 0.0 343.4

