

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002061.D
 Acq On : 25 Mar 2020 12:55
 Operator : SY/MD
 Sample : VY0325SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBL01

Quant Time: Mar 26 07:02:58 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	7.81	168	146906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	284389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	260941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	113036	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90233	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	
35) Dibromofluoromethane	7.74	113	84311	54.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.19	98	343335	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.49	95	117784	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

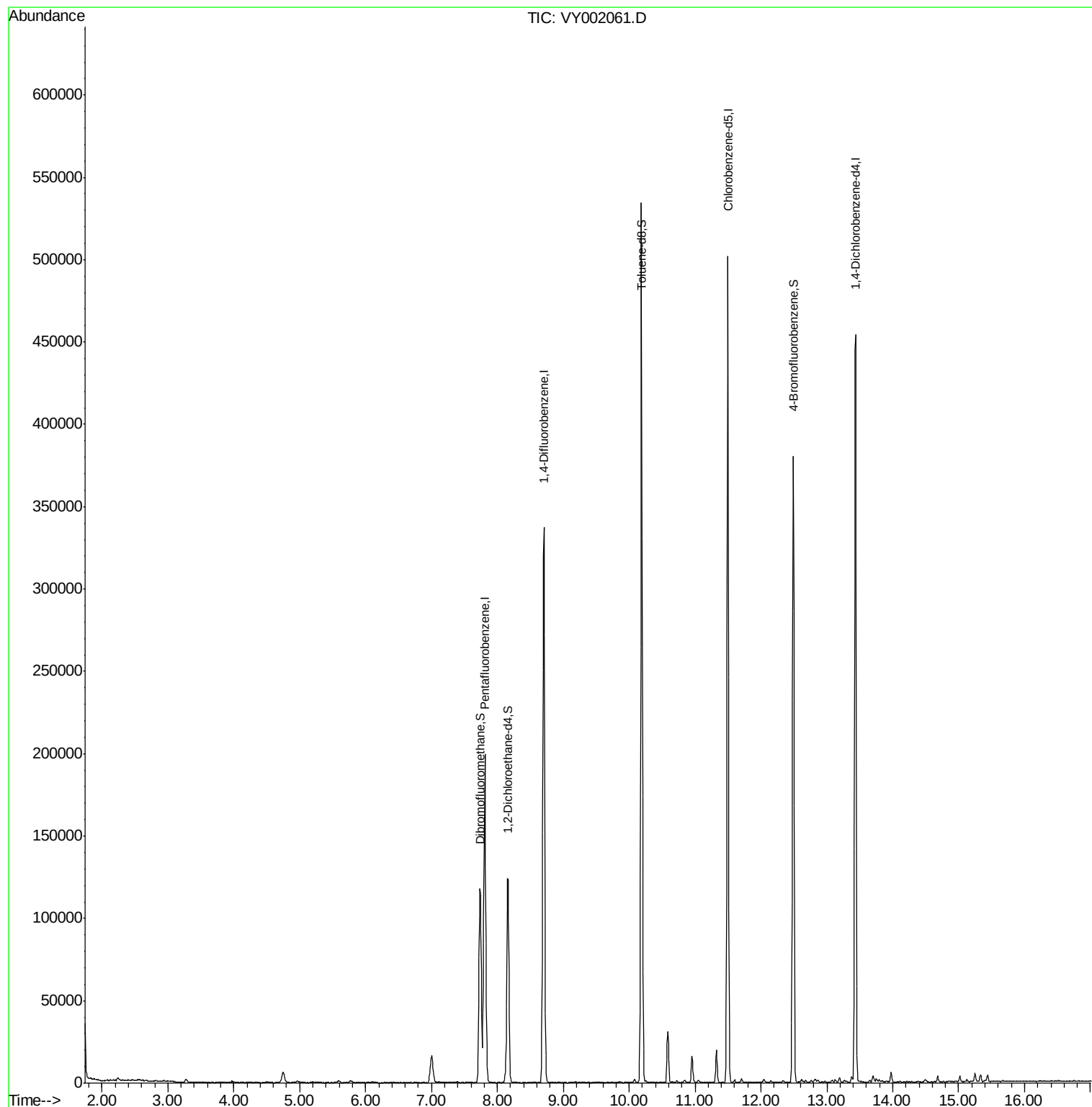
Target Compounds	Qvalue

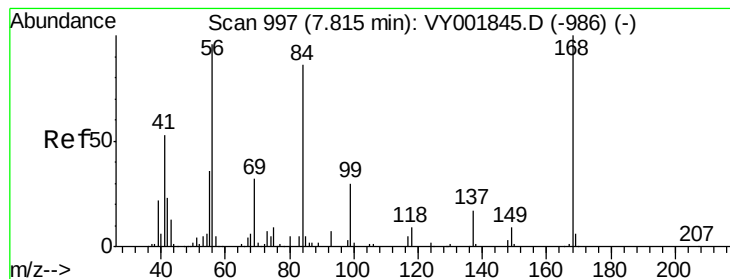
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002061.D

Acq: 25 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

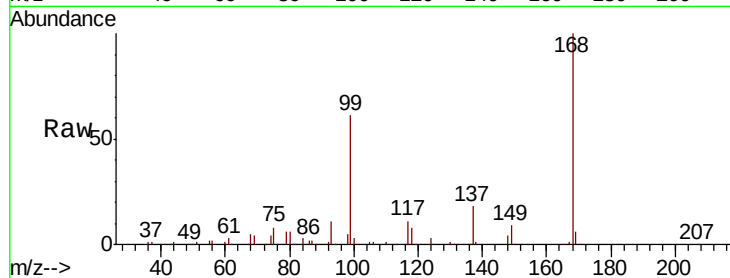
VY0325SBL01

Tot Ion:168 Resp: 146906

Ion Ratio Lower Upper

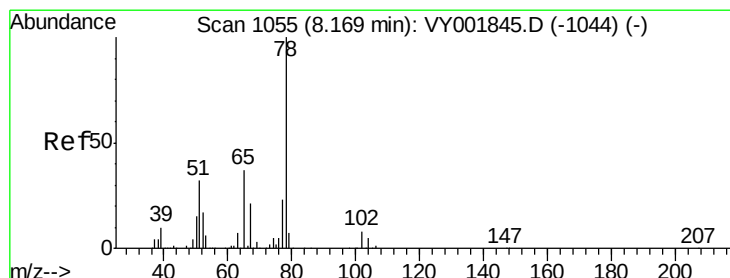
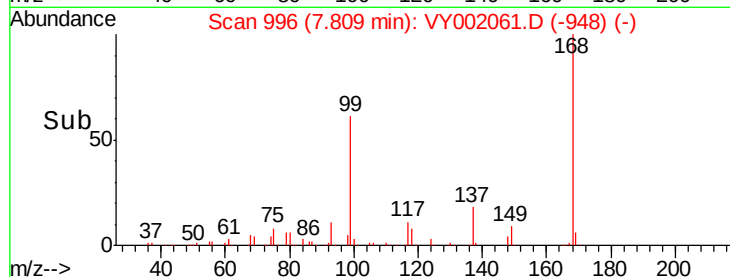
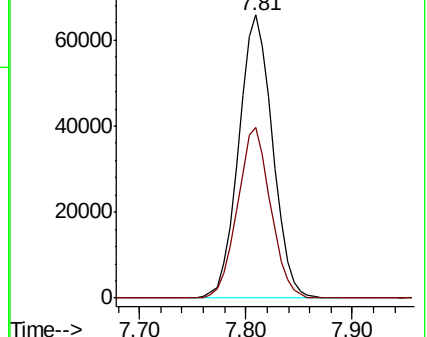
168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.535 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002061.D

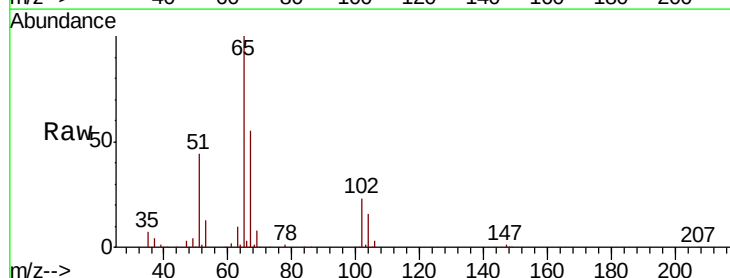
Acq: 25 Mar 2020 12:55

Tgt Ion: 65 Resp: 90233

Ion Ratio Lower Upper

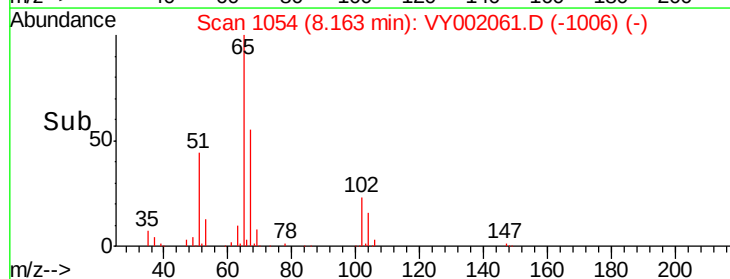
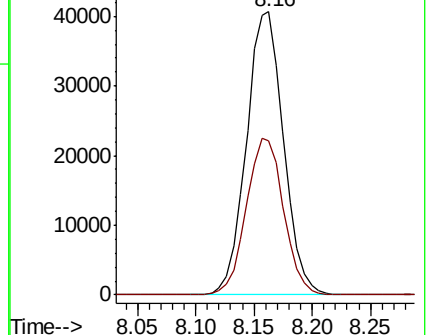
65 100

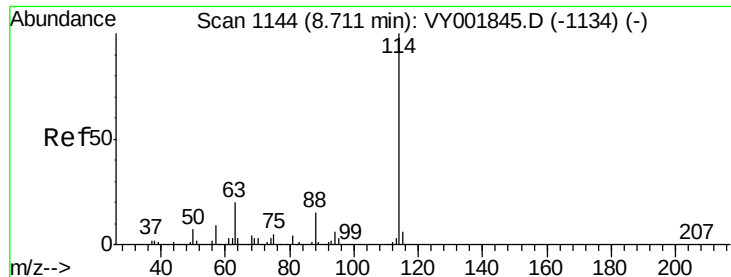
67 55.7 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)

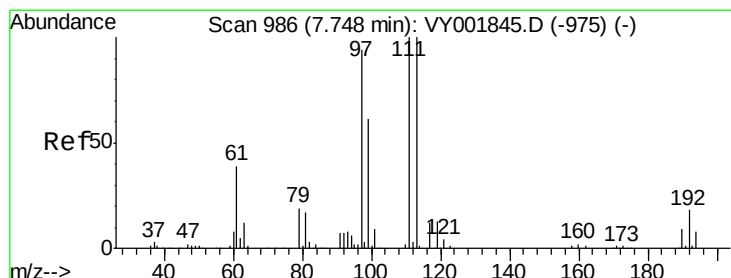
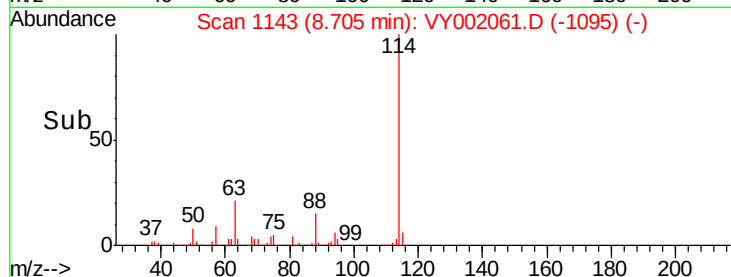
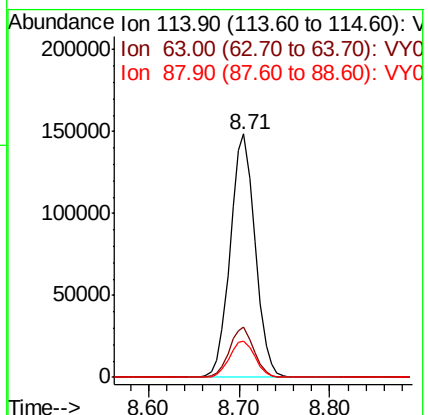
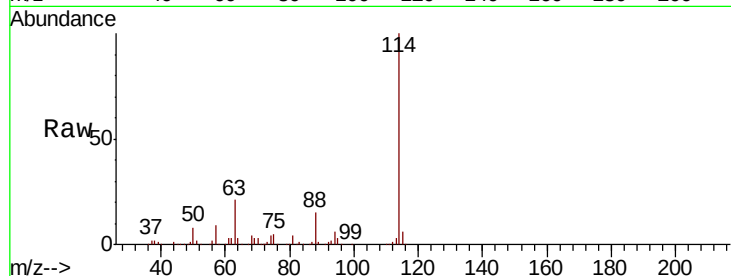




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002061.D
 Acq: 25 Mar 2020 12:55

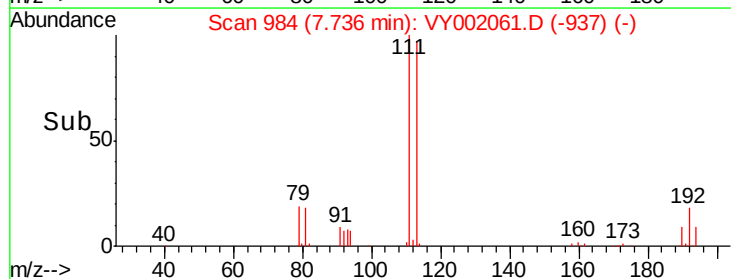
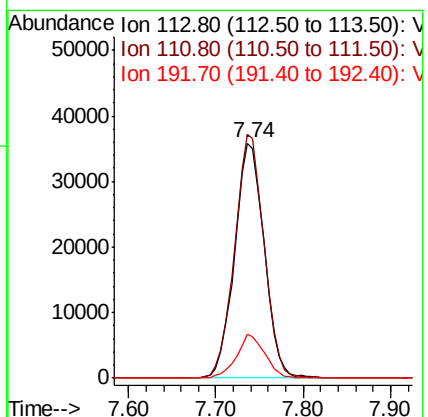
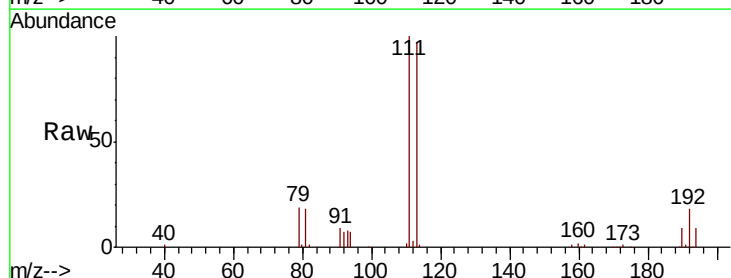
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBL01

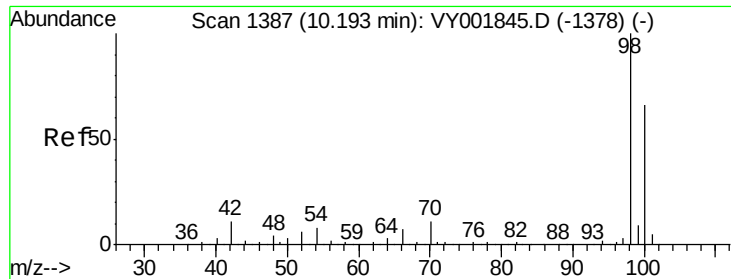
Tot Ion:114	Resp:	284389
Ion Ratio	Lower	Upper
114 100		
63 20.7	0.0	39.4
88 14.9	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 54.293 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002061.D
 Acq: 25 Mar 2020 12:55

Tgt Ion:113	Resp:	84311
Ion Ratio	Lower	Upper
113 100		
111 103.1	81.8	122.8
192 17.6	14.2	21.2





#50

Toluene-d8

Concen: 52.431 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002061.D

Acq: 25 Mar 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

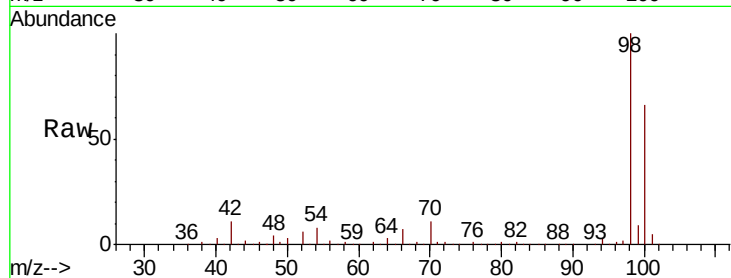
VY0325SBL01

Tot Ion: 98 Resp: 343335

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

200000

150000

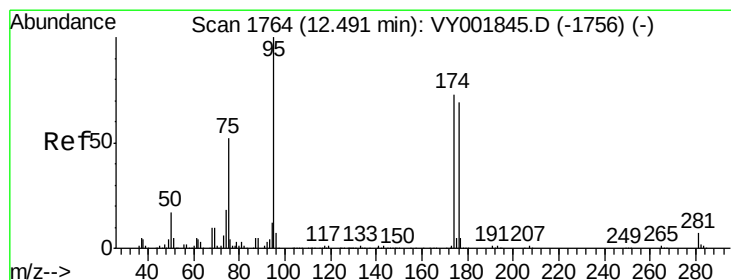
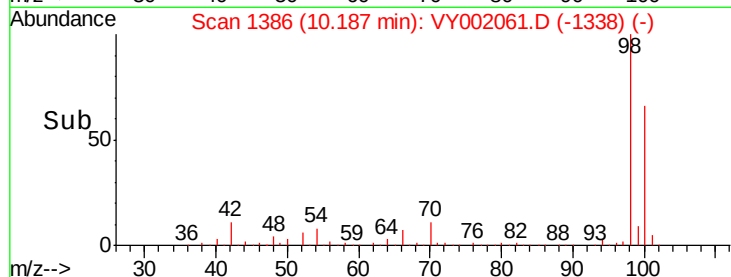
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 51.730 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002061.D

Acq: 25 Mar 2020 12:55

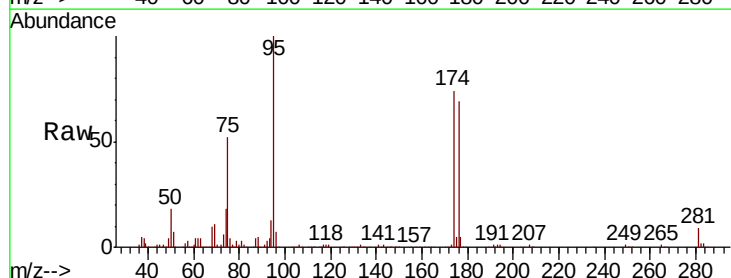
Tgt Ion: 95 Resp: 117784

Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.0

176 69.3 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

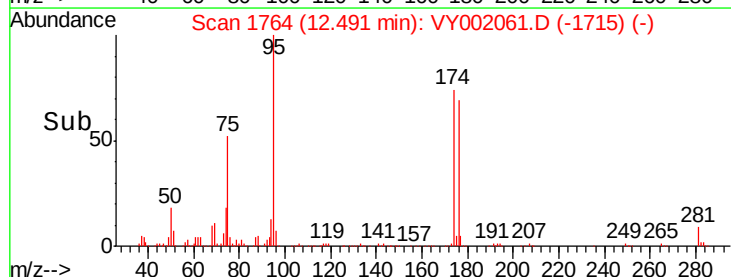
40000

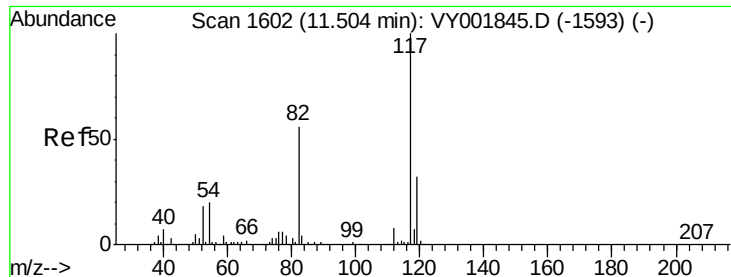
20000

0

12.40 12.50

Time-->

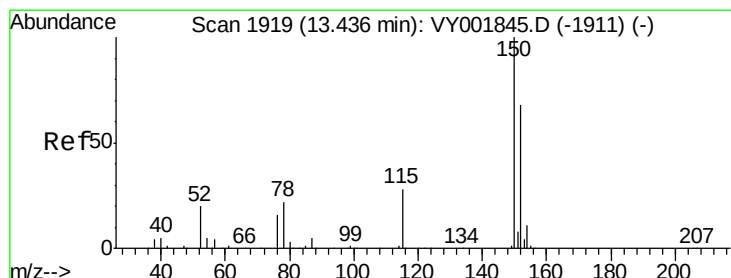
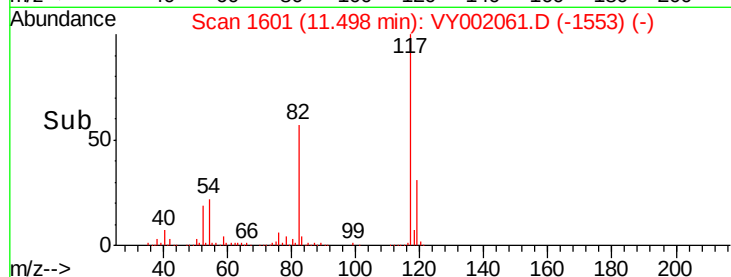
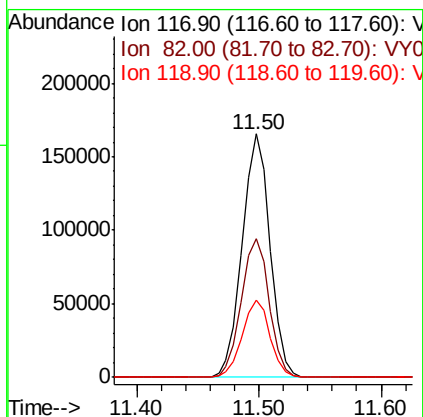
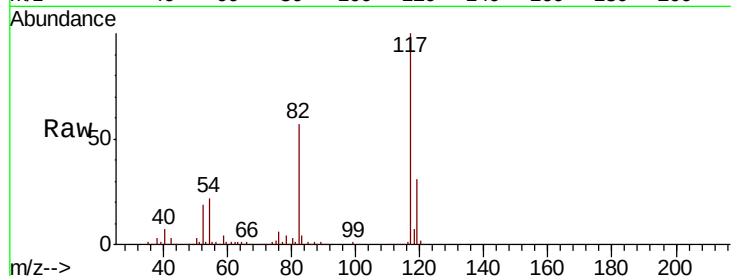




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002061.D
Acq: 25 Mar 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.5	66.7
119	31.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002061.D
Acq: 25 Mar 2020 12:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.9	89.7
150	157.9	0.0	340.6

