

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002945.D
 Acq On : 19 Jun 2020 18:12
 Operator : SY/MD
 Sample : L3052-01
 Misc : 6.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IWS

Quant Time: Jun 20 04:56:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	279696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	437050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219907	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	135386	58.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.20%	
35) Dibromofluoromethane	7.72	113	141536	53.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.92%	
50) Toluene-d8	10.18	98	543077	52.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.48	95	189690	52.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.76%	

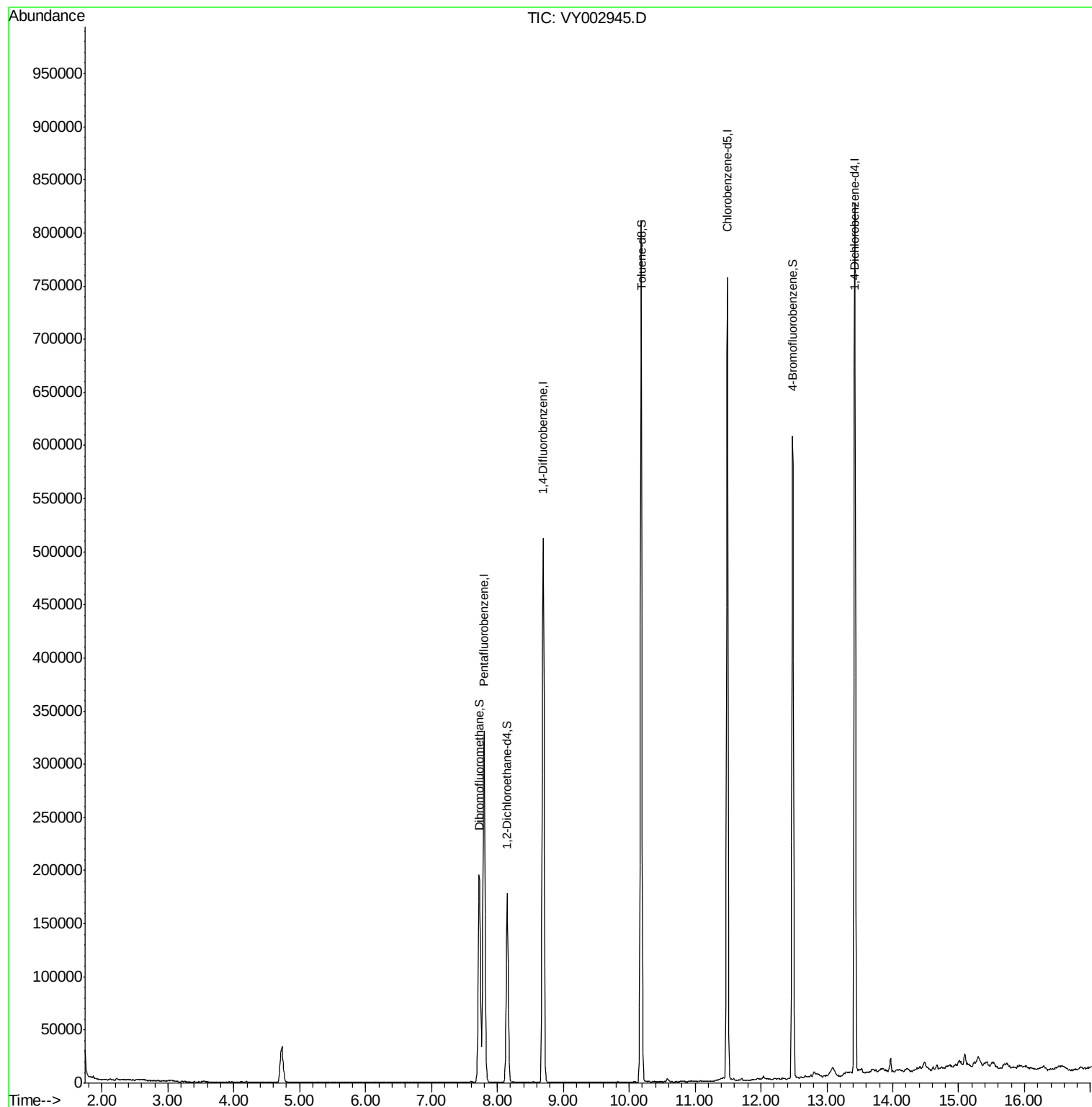
Target Compounds	Qvalue
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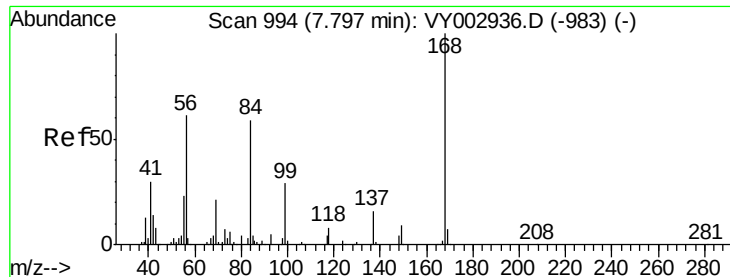
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

Instrument :

MSVOA_Y

ClientSampleId :

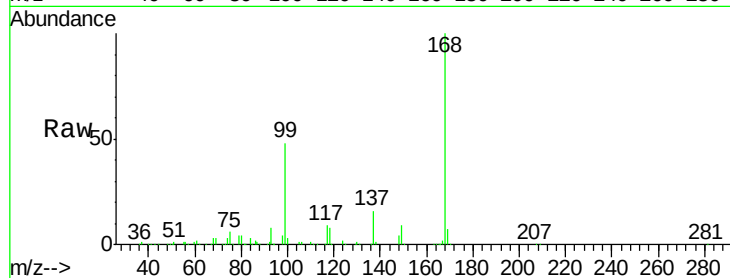
IWS

Tot Ion:168 Resp: 279696

Ion Ratio Lower Upper

168 100

99 47.9 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

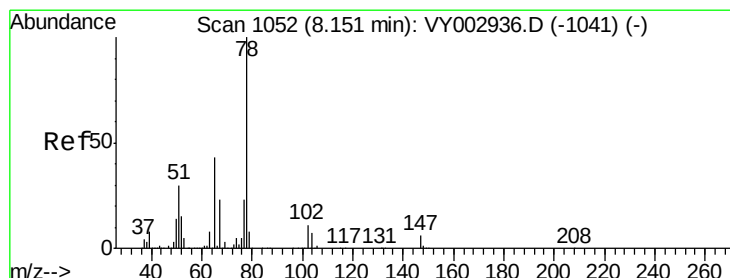
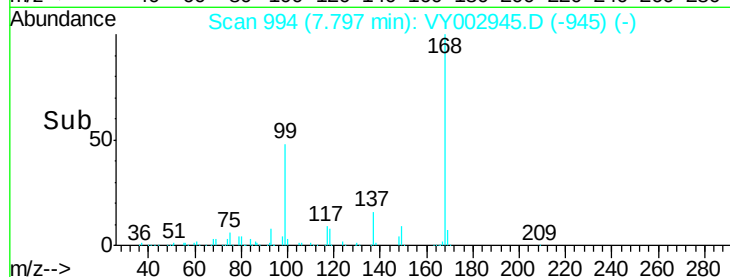
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.602 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002945.D

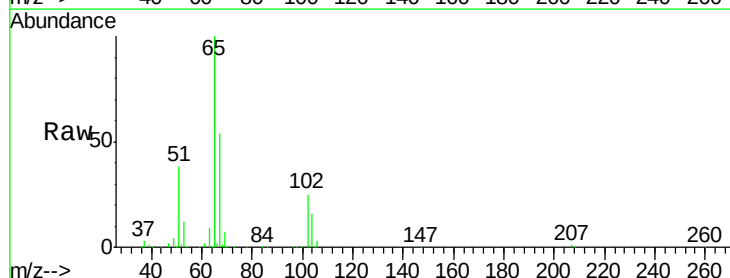
Acq: 19 Jun 2020 18:12

Tgt Ion: 65 Resp: 135386

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY002936.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002936.D (-1041) (-)

8.15

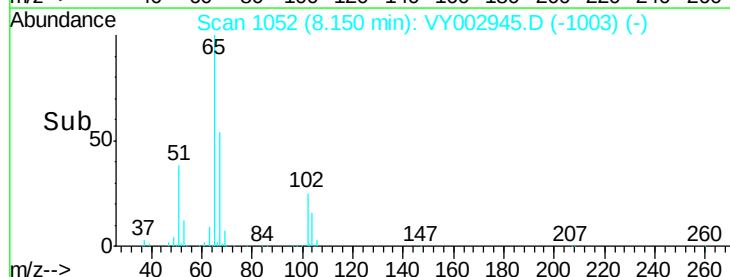
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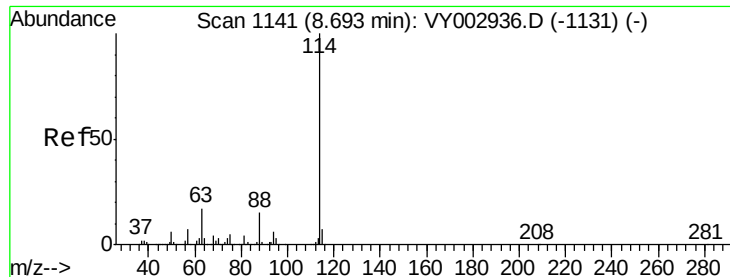
40000

20000

0

Time-->

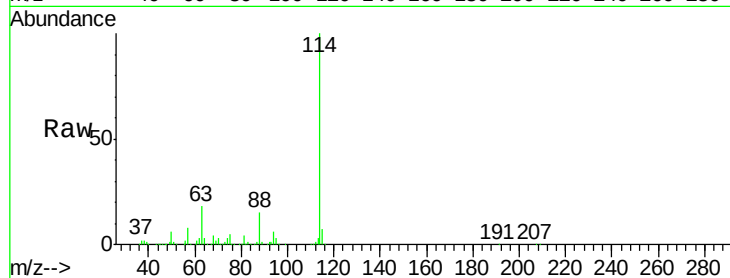




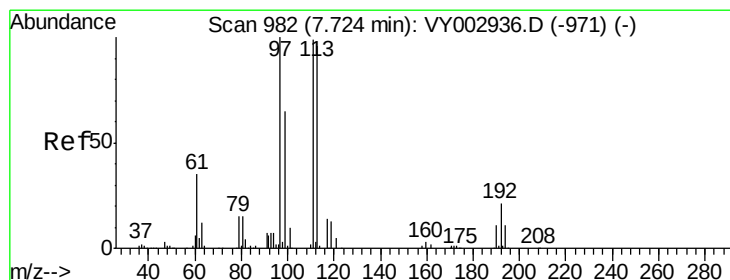
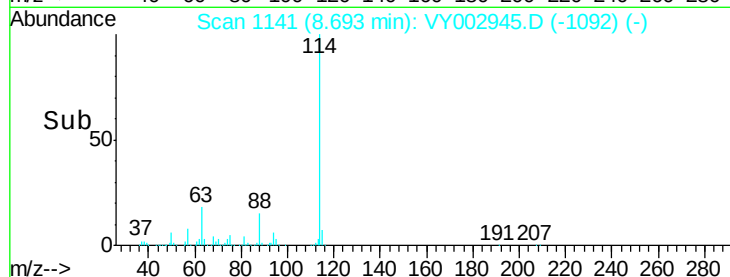
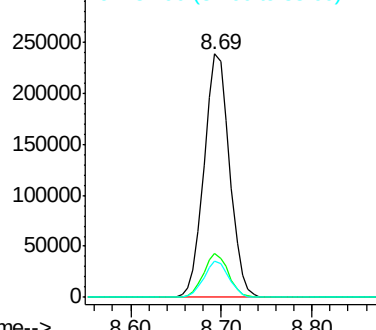
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002945.D
 Acq: 19 Jun 2020 18:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 IWS

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	34.6
88	14.8	0.0	29.2

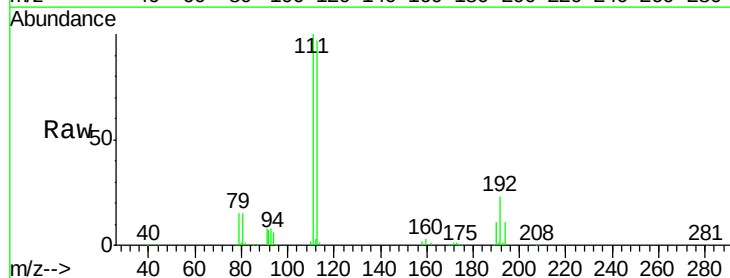


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

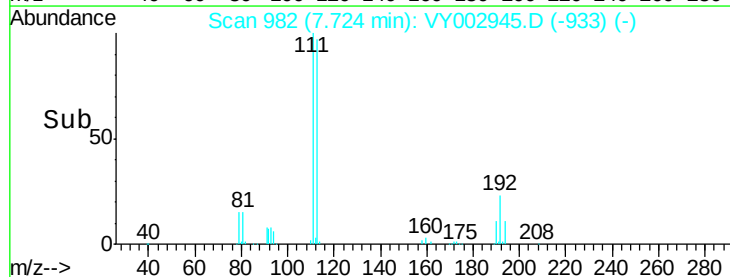
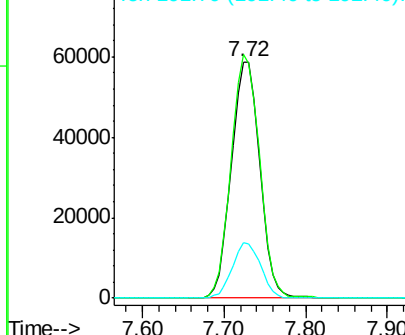


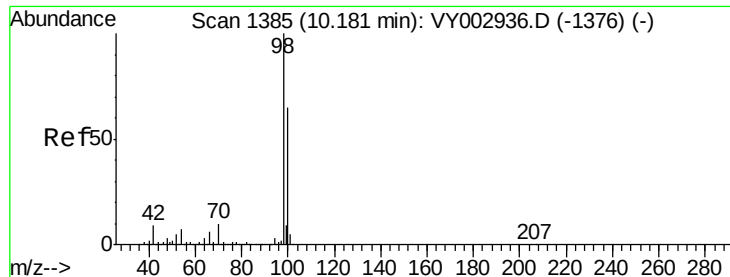
#35
 Dibromofluoromethane
 Concen: 53.962 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002945.D
 Acq: 19 Jun 2020 18:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.3	19.2	28.8



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: 52.512 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

Instrument :

MSVOA_Y

ClientSampleId :

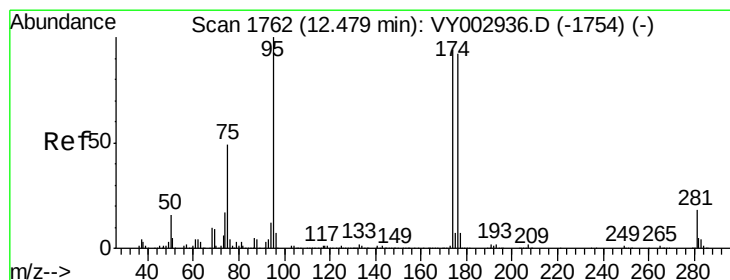
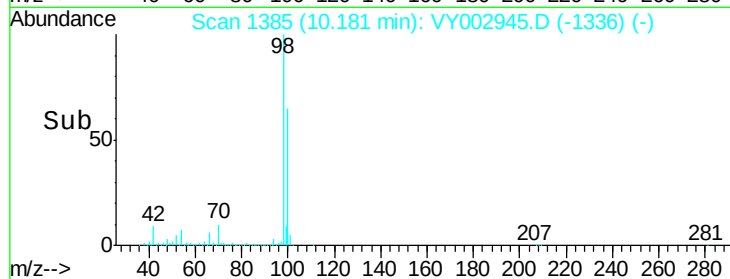
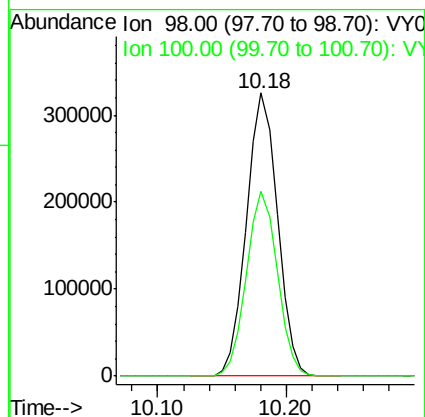
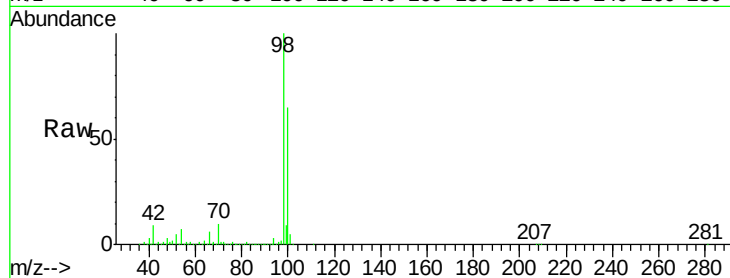
IWS

Tot Ion: 98 Resp: 543077

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.877 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002945.D

Acq: 19 Jun 2020 18:12

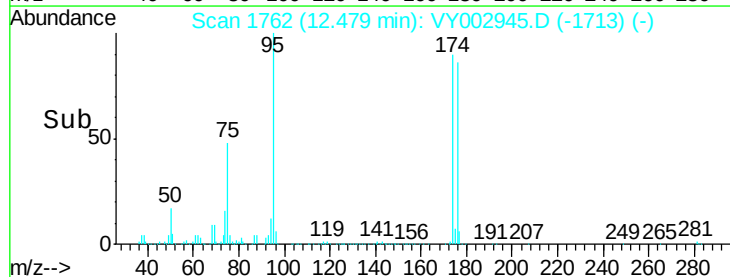
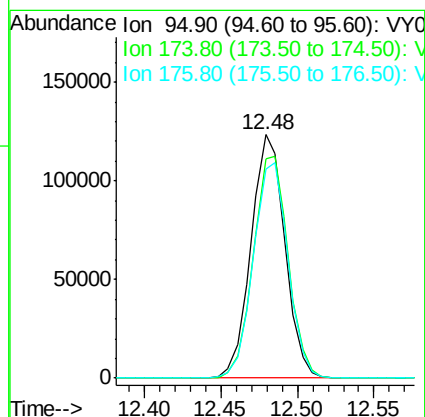
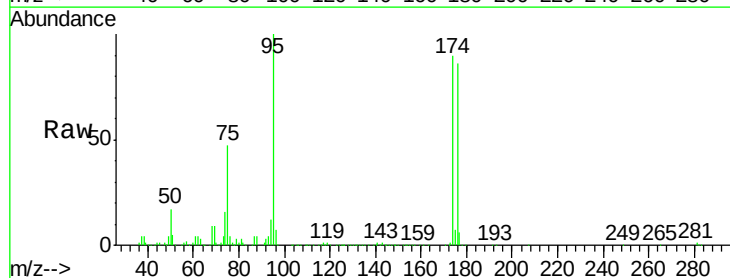
Tgt Ion: 95 Resp: 189690

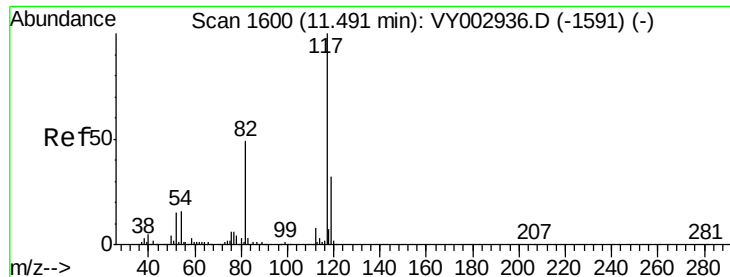
Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.2

176 90.7 0.0 186.0

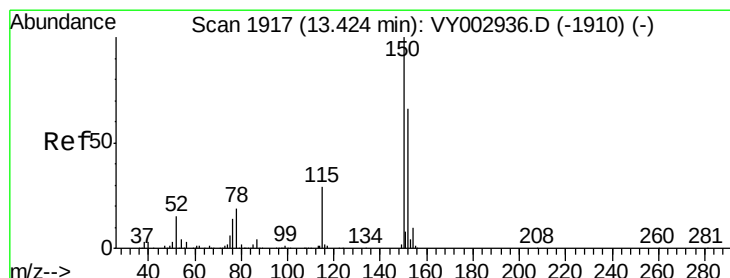
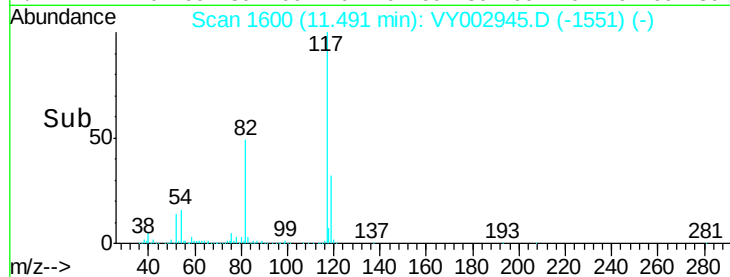
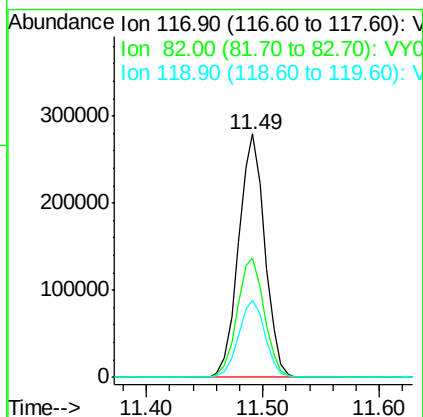
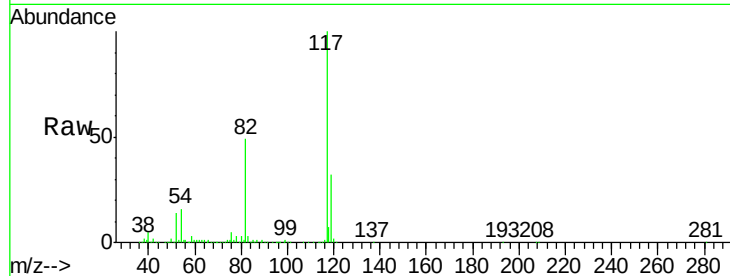




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

Instrument :
MSVOA_Y
ClientSampleId :
IWS

Tot Ion:117 Resp: 437050
Ion Ratio Lower Upper
117 100
82 49.2 39.4 59.0
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002945.D
Acq: 19 Jun 2020 18:12

Tgt Ion:152 Resp: 219907
Ion Ratio Lower Upper
152 100
115 54.1 26.9 80.6
150 154.6 0.0 341.8

