

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052220\
 Data File : VY002751.D
 Acq On : 22 May 2020 11:57
 Operator : SY/MD
 Sample : L2742-02RE
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: May 22 19:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	277396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	439559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	406655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	202586	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132768	61.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.38%	
35) Dibromofluoromethane	7.73	113	133633	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
50) Toluene-d8	10.18	98	514407	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.48	95	170871	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	

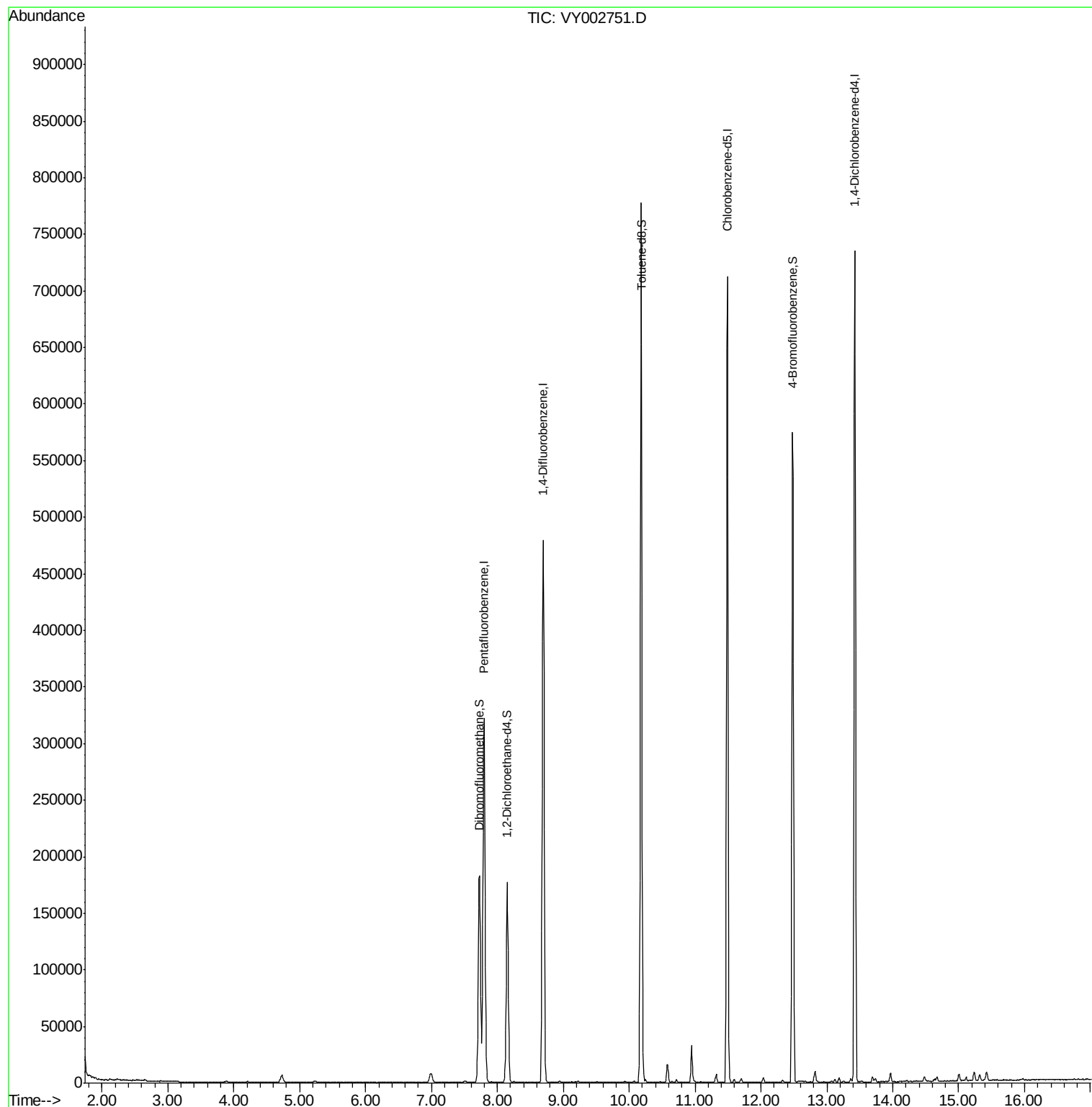
Target Compounds	Qvalue

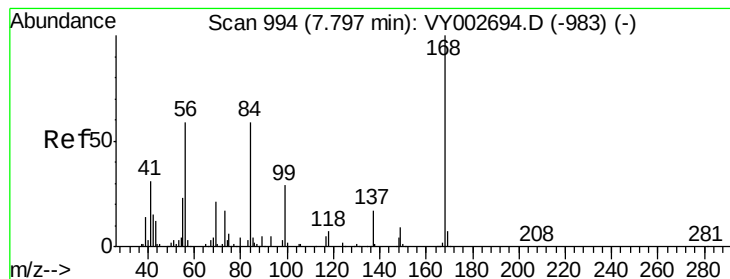
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002751.D

Acq: 22 May 2020 11:57

Instrument :

MSVOA_Y

ClientSampleId :

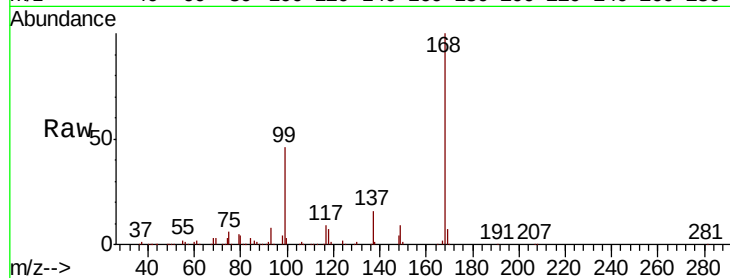
VOCRE

Tot Ion:168 Resp: 277396

Ion Ratio Lower Upper

168 100

99 46.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002751.D (-1003) (-)

Ion 98.90 (98.60 to 99.60): VY002751.D (-1003) (-)

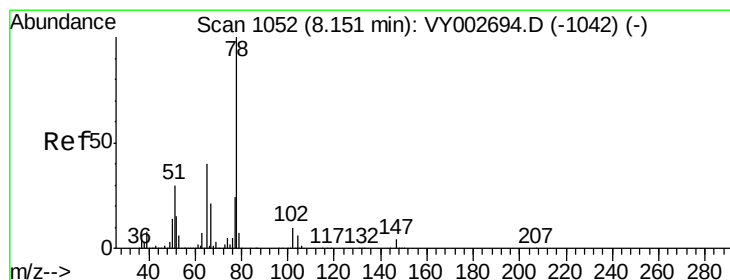
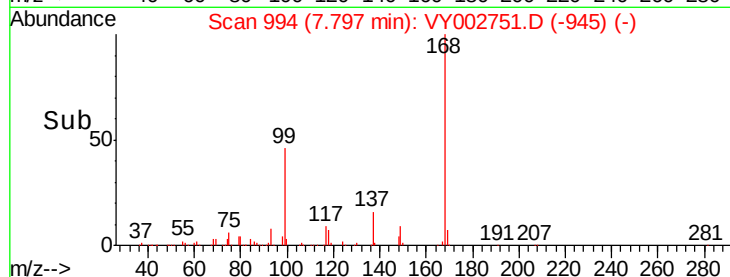
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.189 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002751.D

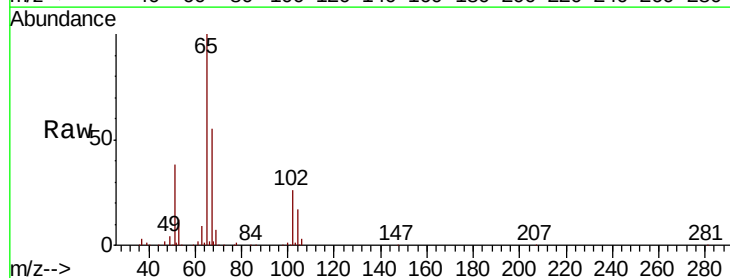
Acq: 22 May 2020 11:57

Tgt Ion: 65 Resp: 132768

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002751.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002751.D (-1003) (-)

8.15

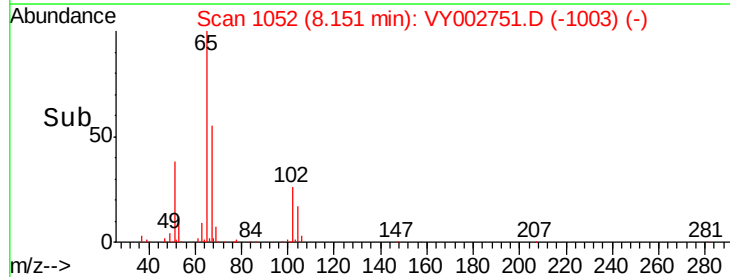
60000

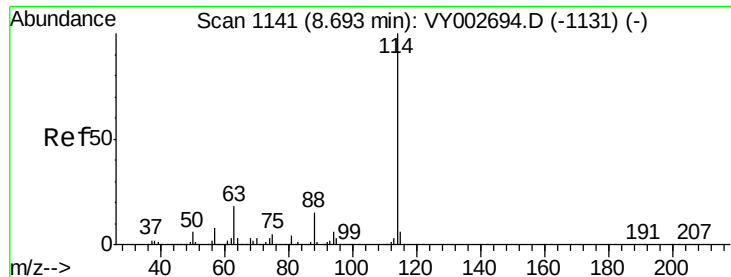
40000

20000

0

Time-->

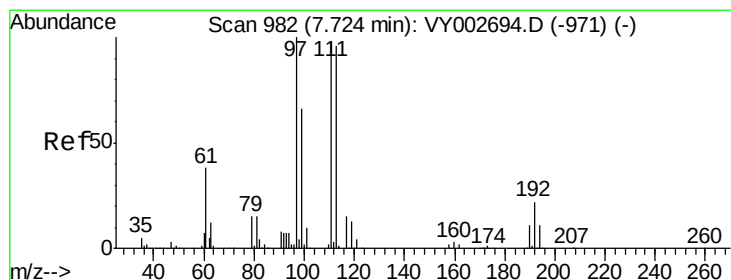
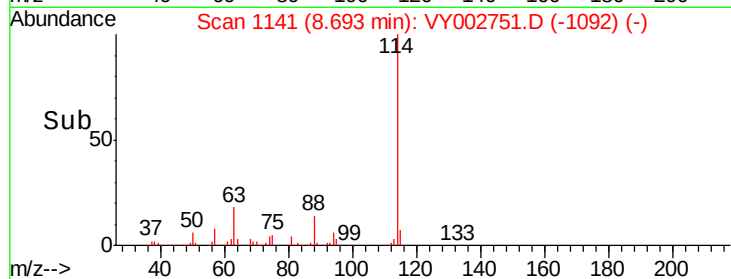
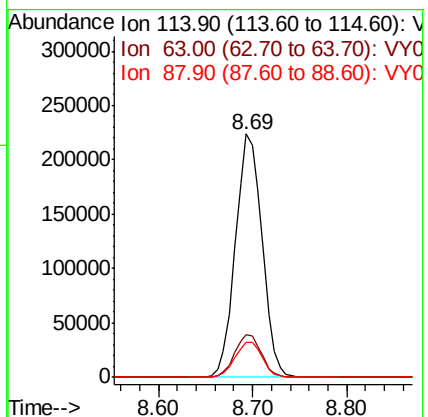
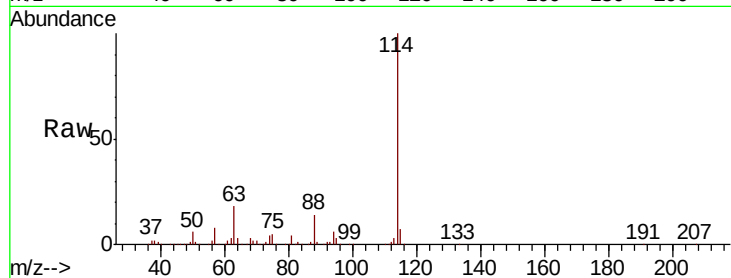




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002751.D
 Acq: 22 May 2020 11:57

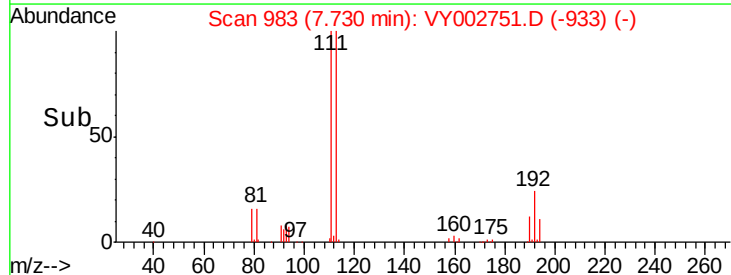
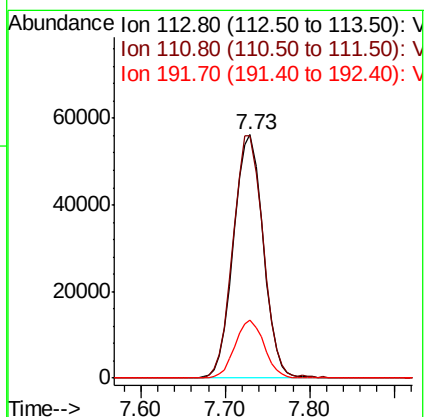
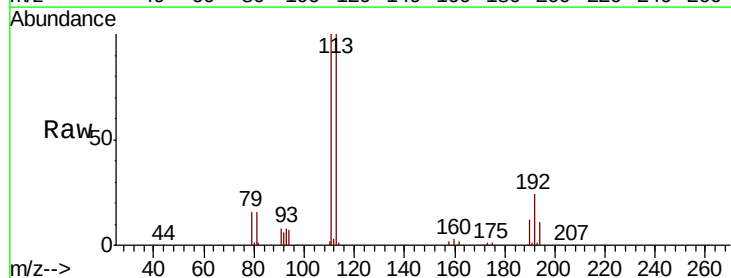
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

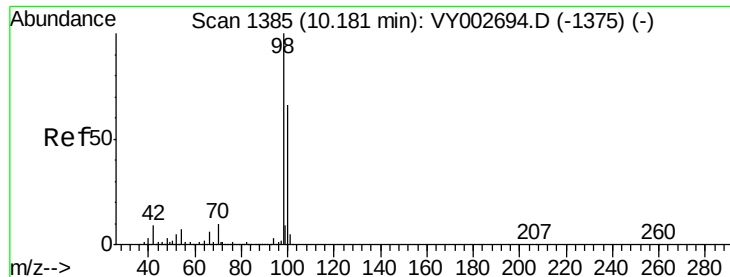
Tot Ion:114	Resp:	439559
Ion Ratio	Lower	Upper
114 100		
63 17.6	0.0	35.4
88 14.1	0.0	29.4



#35
 Dibromofluoromethane
 Concen: 55.088 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY002751.D
 Acq: 22 May 2020 11:57

Tgt Ion:113	Resp:	133633
Ion Ratio	Lower	Upper
113 100		
111 101.4	81.9	122.9
192 23.4	18.6	27.8





#50

Toluene-d8

Concen: 52.670 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002751.D

Acq: 22 May 2020 11:57

Instrument :

MSVOA_Y

ClientSampleId :

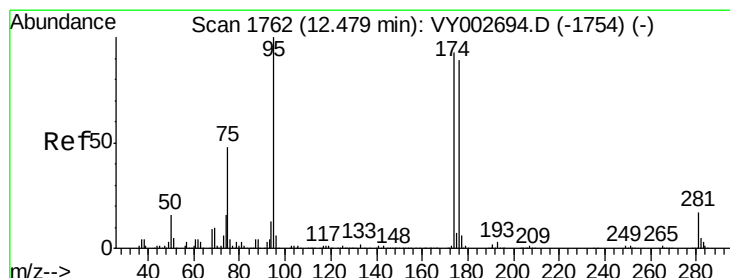
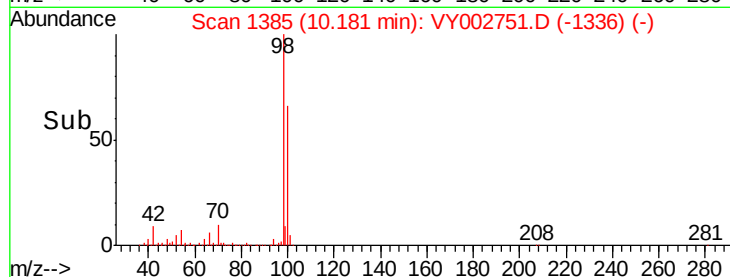
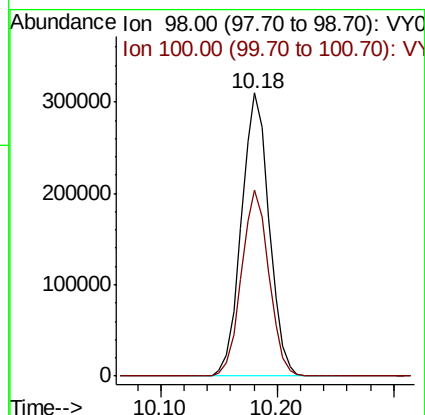
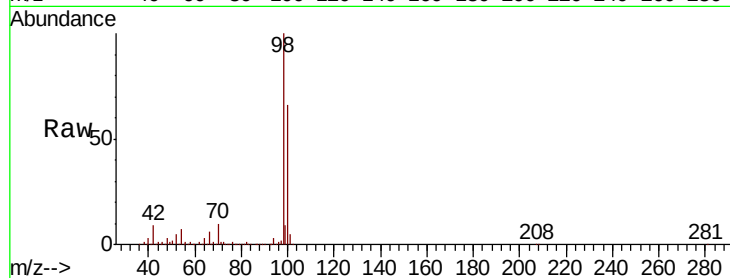
VOCRE

Tot Ion: 98 Resp: 514407

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 50.903 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002751.D

Acq: 22 May 2020 11:57

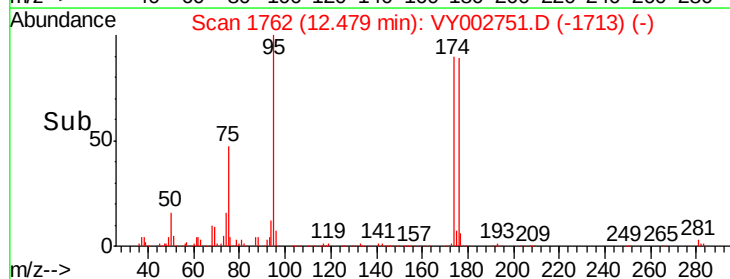
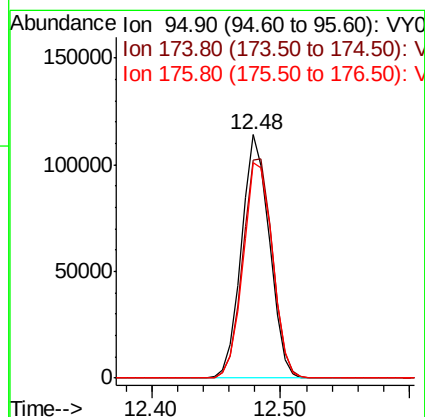
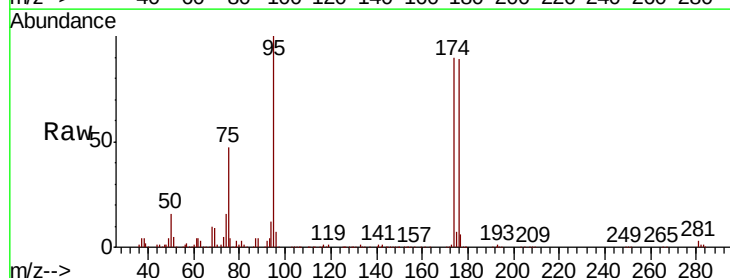
Tgt Ion: 95 Resp: 170871

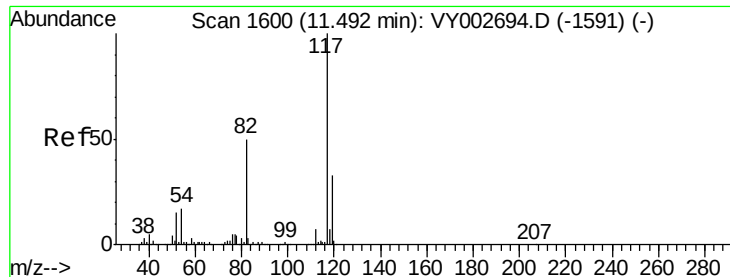
Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.4

176 92.6 0.0 186.0

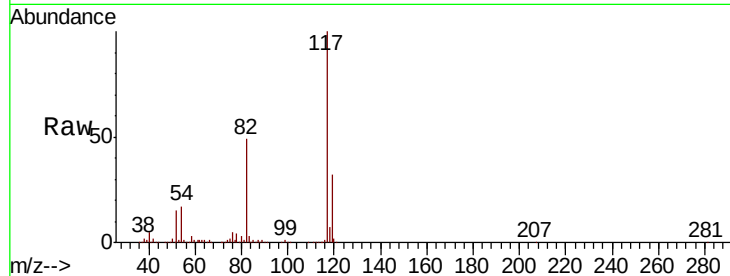




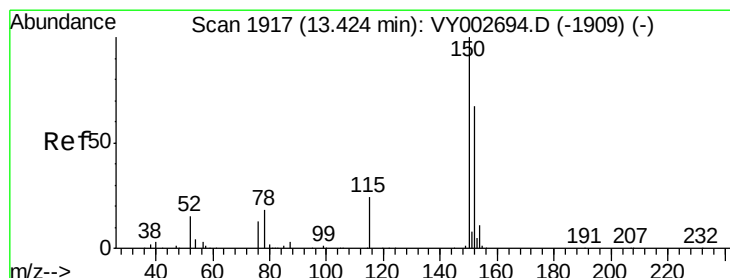
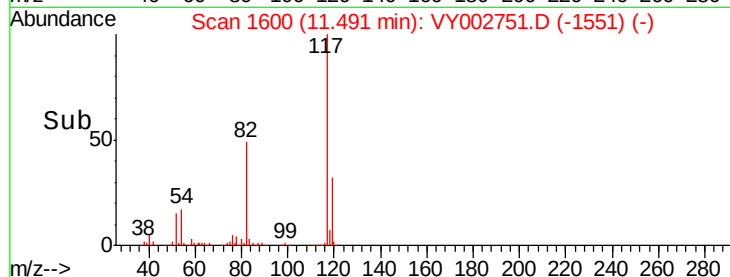
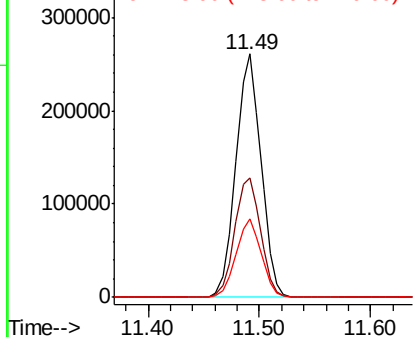
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002751.D
Acq: 22 May 2020 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	40.3	60.5
119	32.4	26.2	39.4

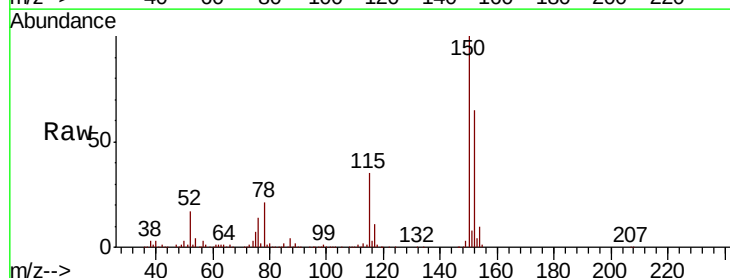


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002751.D
Acq: 22 May 2020 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.2	81.6
150	156.4	0.0	343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

