

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002782.D
 Acq On : 28 May 2020 10:46
 Operator : SY/MD
 Sample : VY0528SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBL01

Quant Time: May 28 16:53:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	455060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	430017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215566	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	134376	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
35) Dibromofluoromethane	7.72	113	138978	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.18	98	529315	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.48	95	182211	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

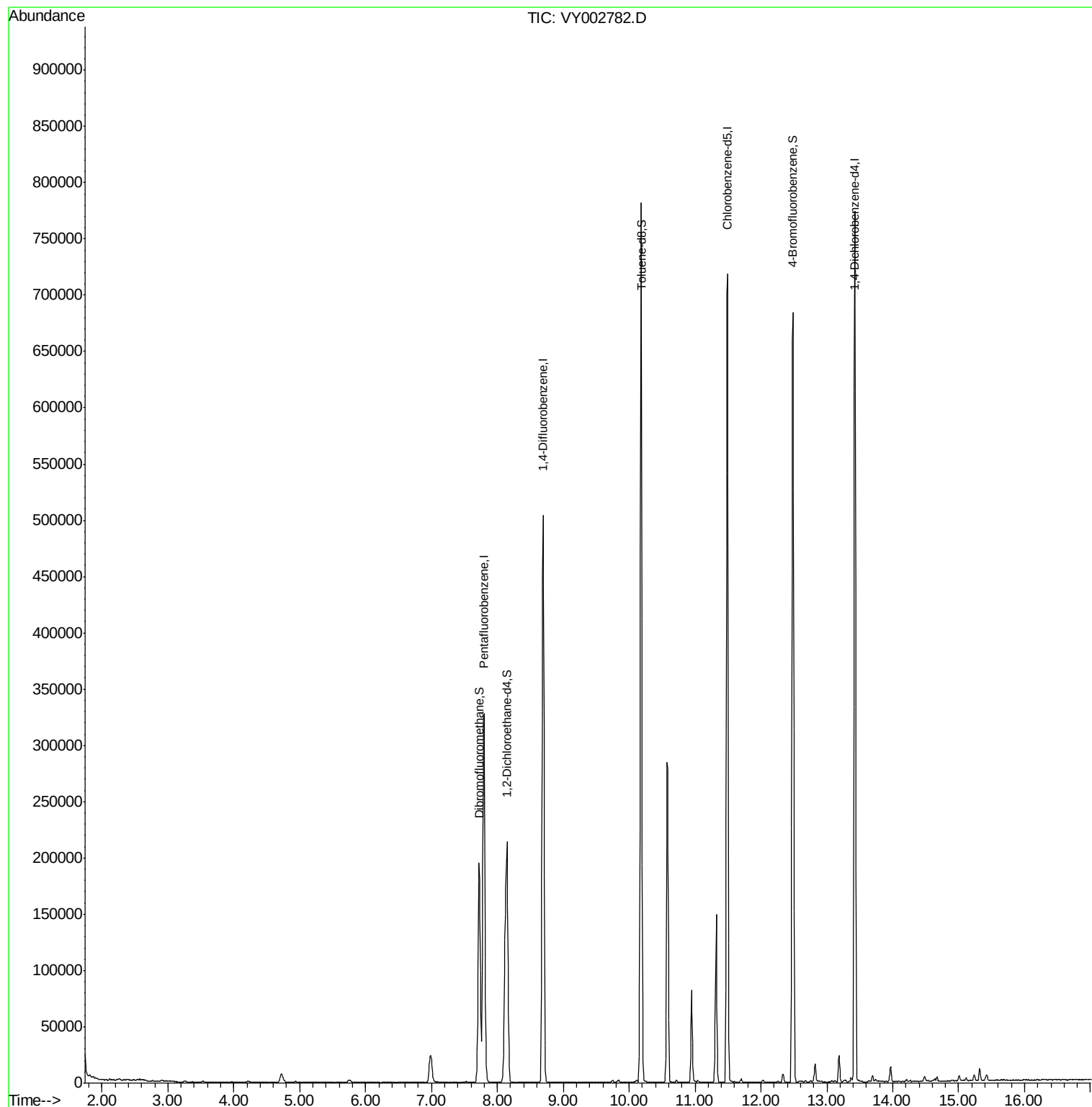
Target Compounds	Qvalue

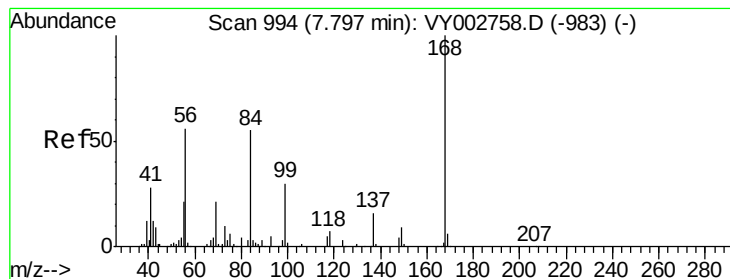
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002782.D

Acq: 28 May 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

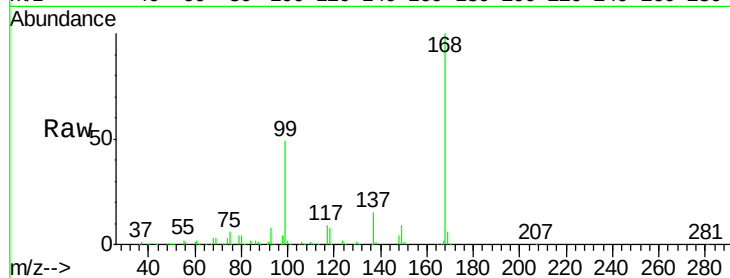
VY0528SBL01

Tot Ion:168 Resp: 282509

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

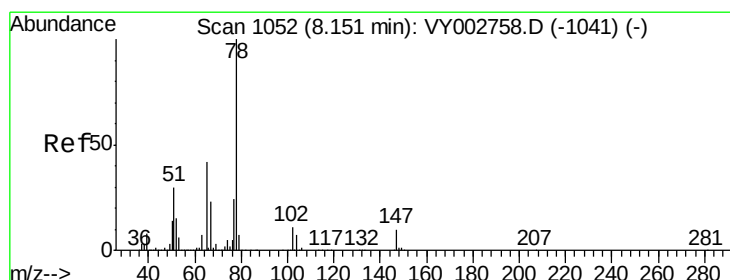
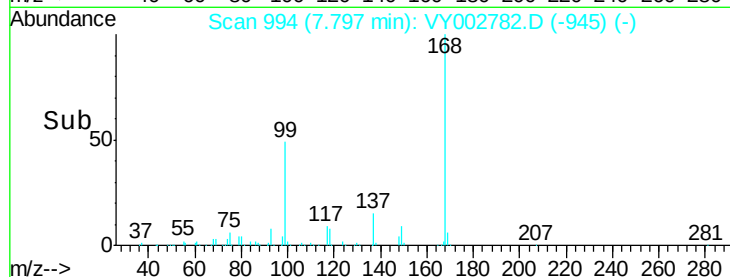
7.80

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.781 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002782.D

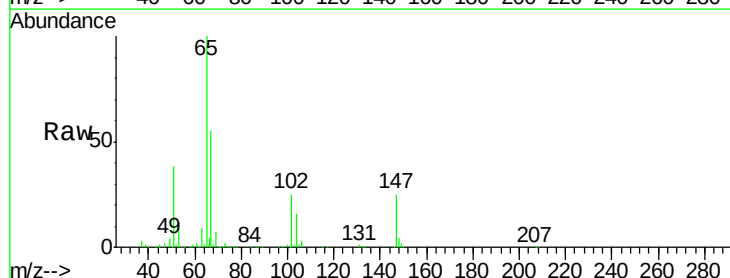
Acq: 28 May 2020 10:46

Tgt Ion: 65 Resp: 134376

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002758.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY002758.D (-1041) (-)

8.15

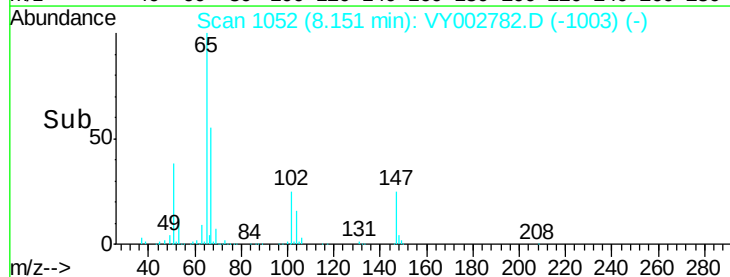
60000

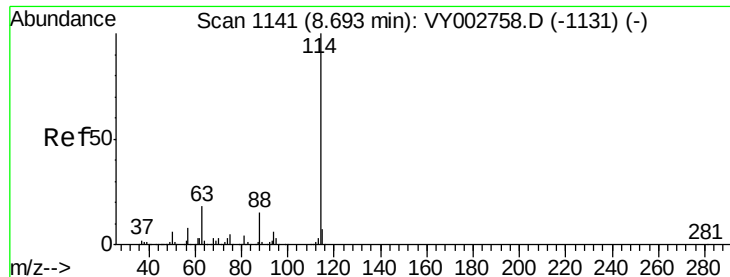
40000

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: VY002782.D

Acq: 28 May 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBL01

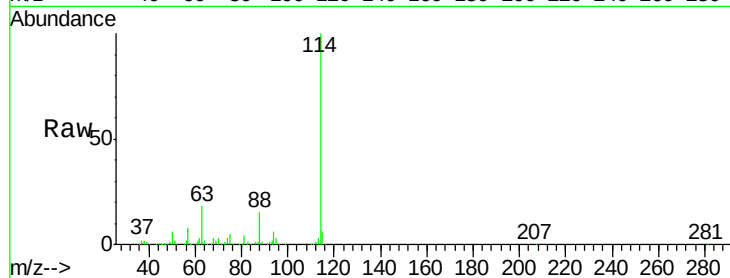
Tot Ion:114 Resp: 455060

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.2

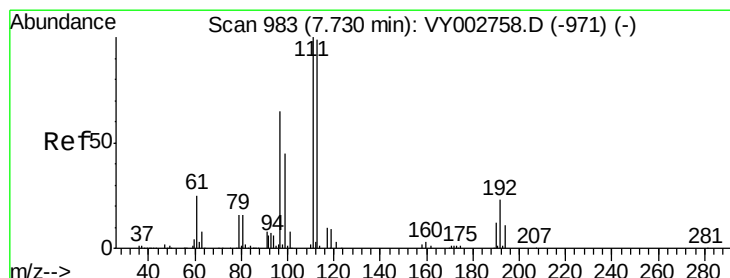
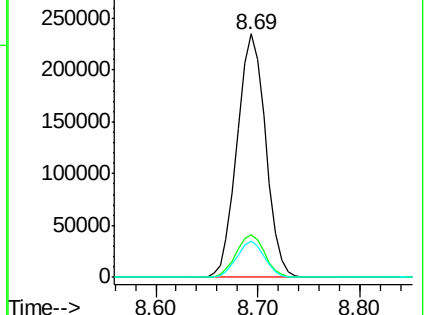
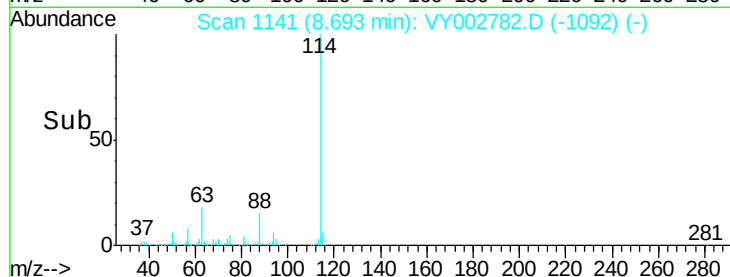
88 14.8 0.0 29.2



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: 52.113 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002782.D

Acq: 28 May 2020 10:46

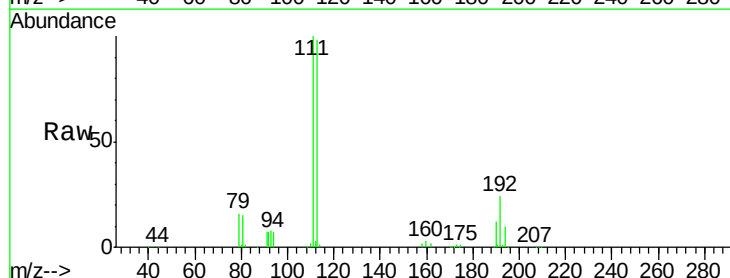
Tgt Ion:113 Resp: 138978

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

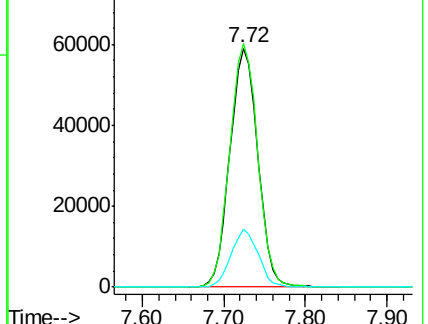
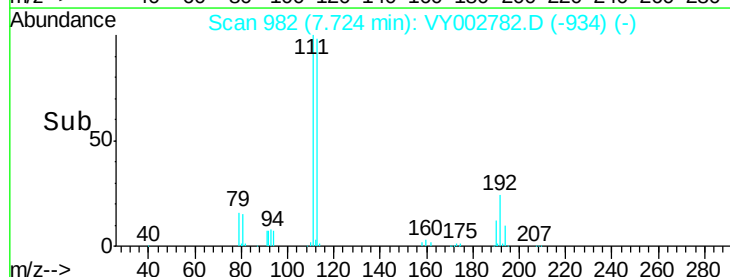
192 23.3 18.9 28.3

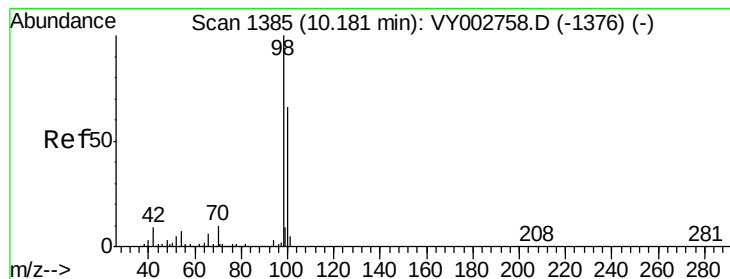


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.088 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002782.D

Acq: 28 May 2020 10:46

Instrument :

MSVOA_Y

ClientSampleId :

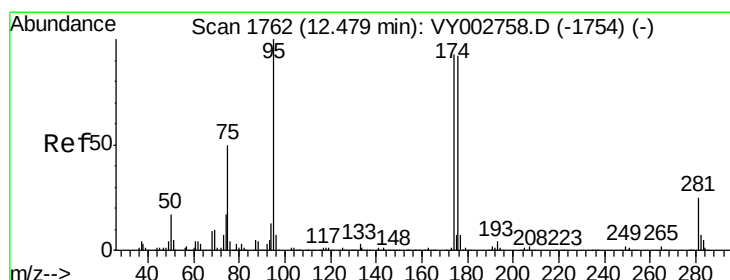
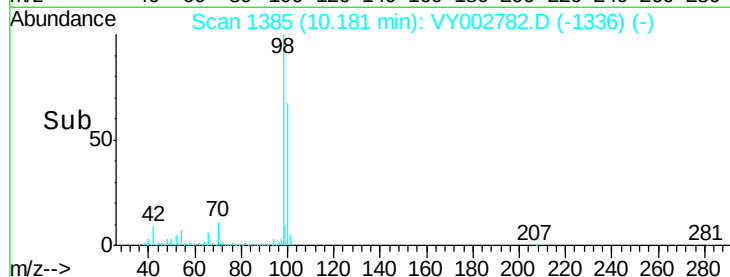
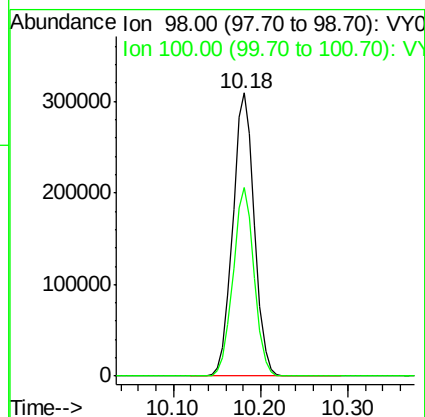
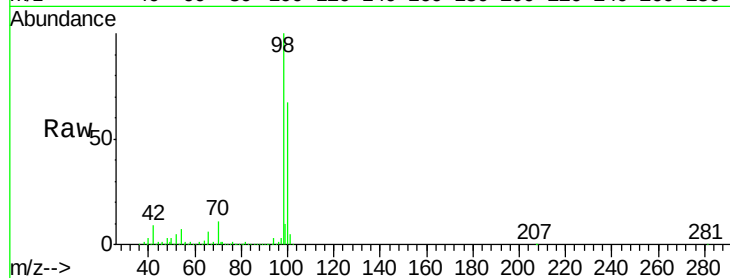
VY0528SBL01

Tot Ion: 98 Resp: 529315

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.446 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002782.D

Acq: 28 May 2020 10:46

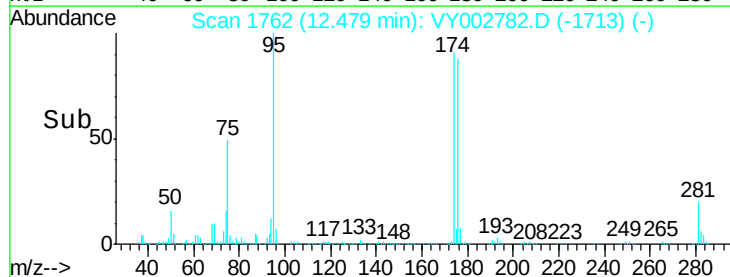
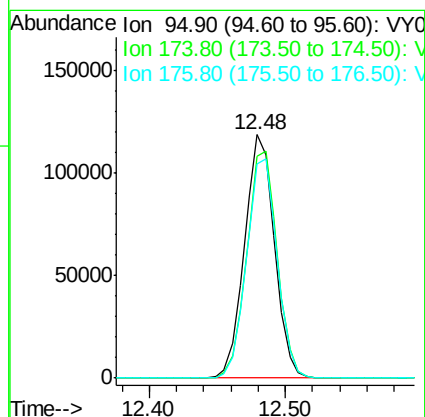
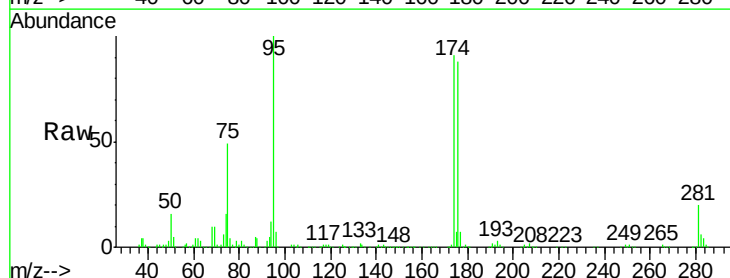
Tgt Ion: 95 Resp: 182211

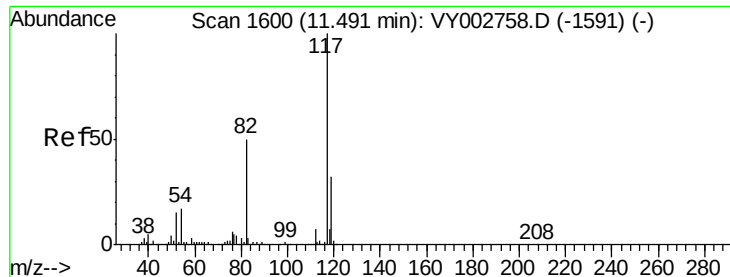
Ion Ratio Lower Upper

95 100

174 94.9 0.0 191.2

176 92.4 0.0 188.8

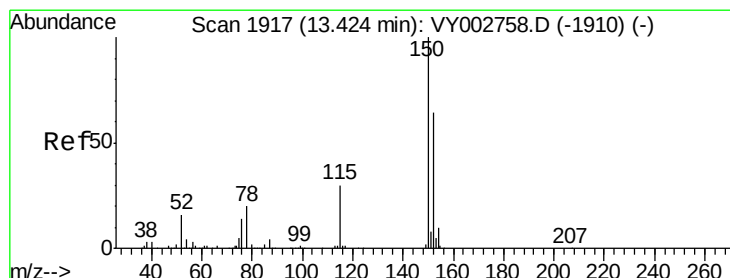
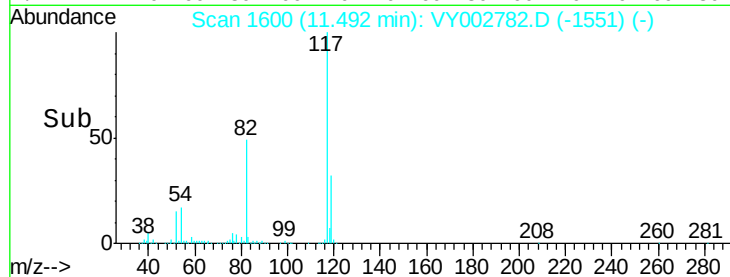
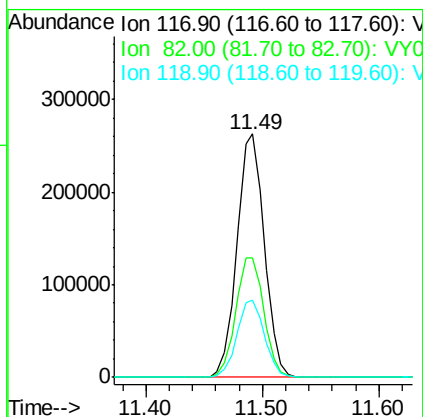
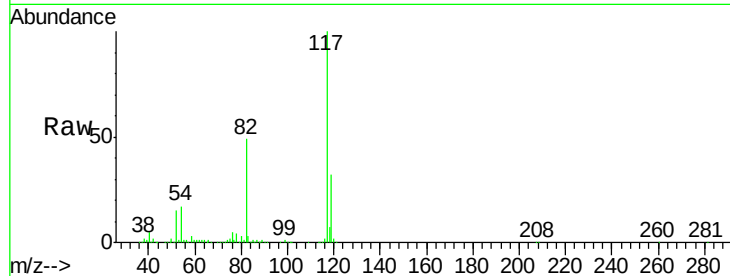




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002782.D
Acq: 28 May 2020 10:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	40.2	60.4
119	31.8	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: VY002782.D
Acq: 28 May 2020 10:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.0	81.0
150	157.0	0.0	344.8

