

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002736.D
 Acq On : 21 May 2020 12:38
 Operator : SY/MD
 Sample : L2506-14
 Misc : 5.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-052020

Quant Time: May 21 13:49:06 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	141688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	216732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	181662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	77930	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	55353	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.72	113	61779	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	10.18	98	247547	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.48	95	72139	43.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.18%	

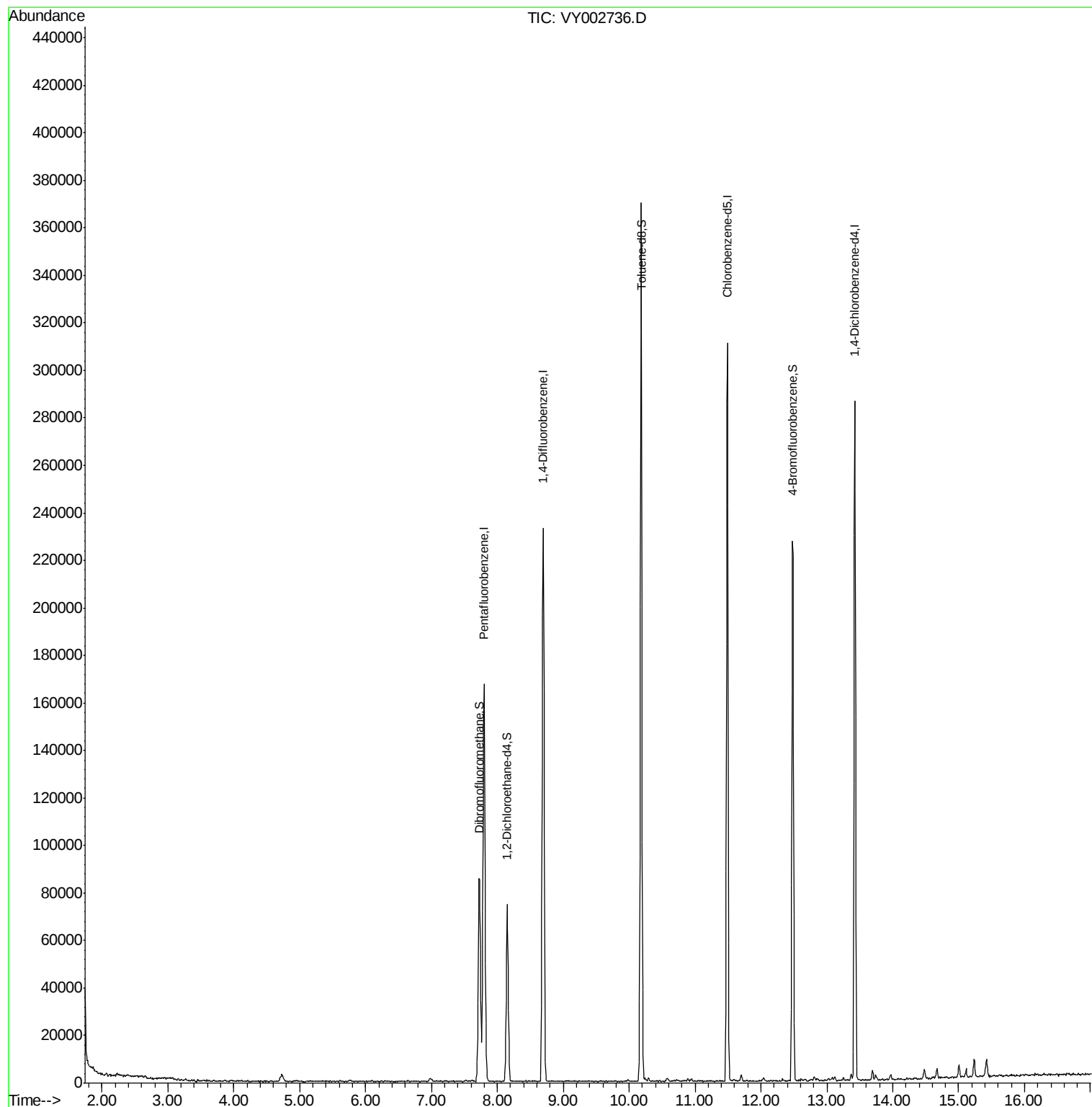
Target Compounds	Qvalue

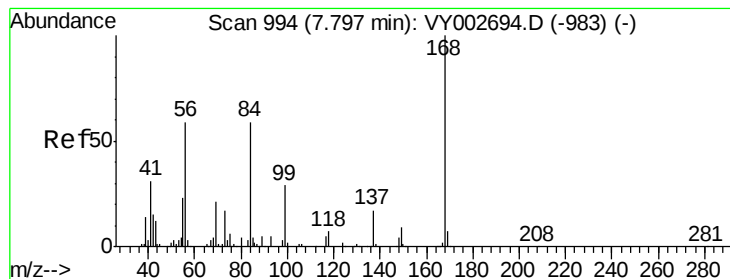
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002736.D

Acq: 21 May 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

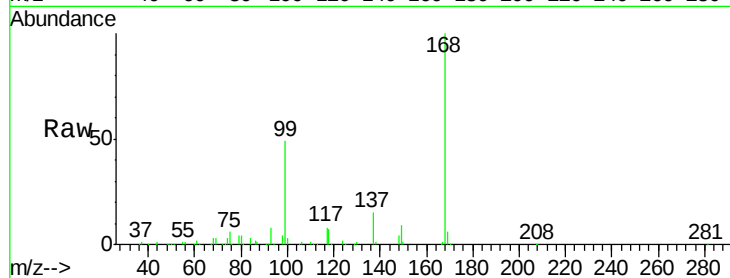
TR-04-052020

Tot Ion:168 Resp: 141688

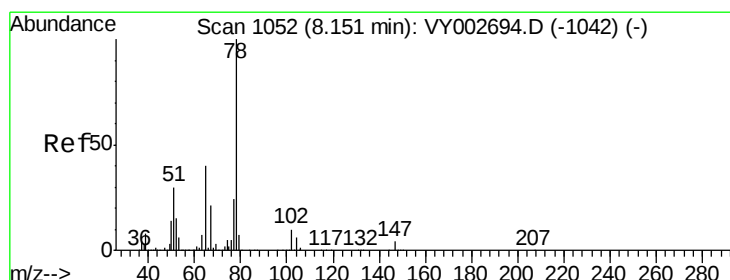
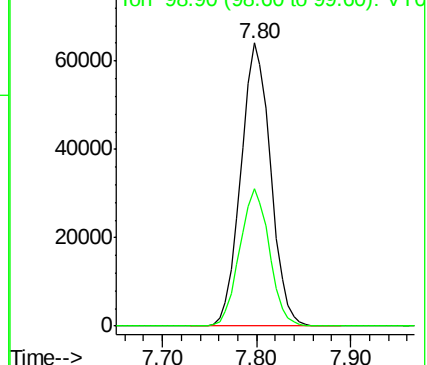
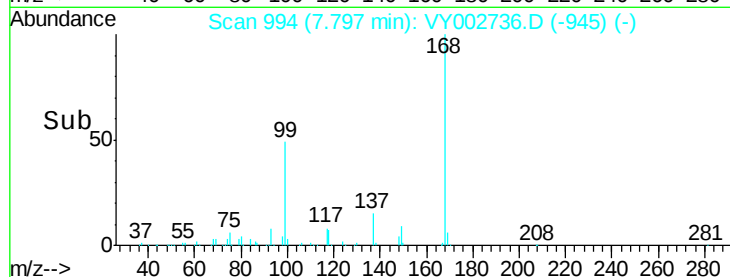
Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002736.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.944 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002736.D

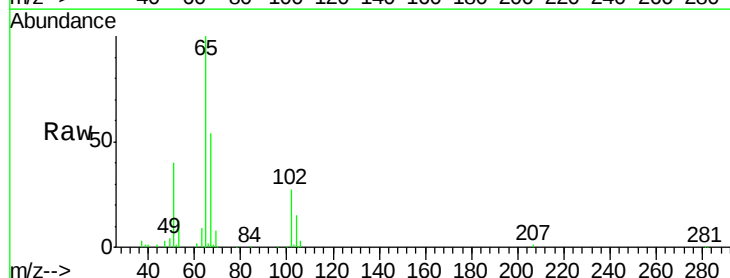
Acq: 21 May 2020 12:38

Tgt Ion: 65 Resp: 55353

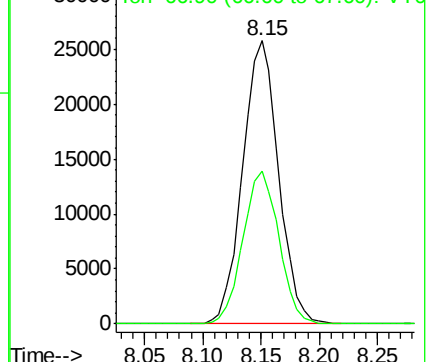
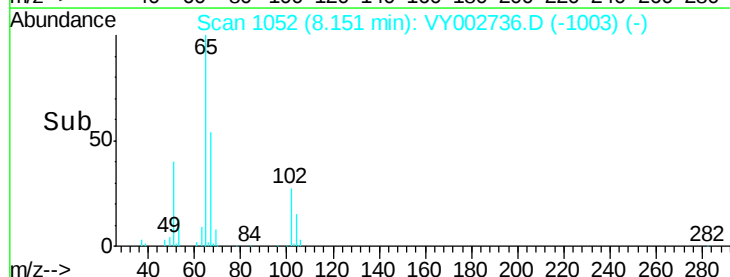
Ion Ratio Lower Upper

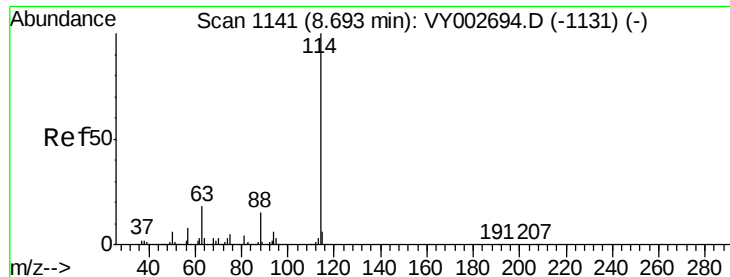
65 100

67 54.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002736.D (-1003) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002736.D

Acq: 21 May 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-052020

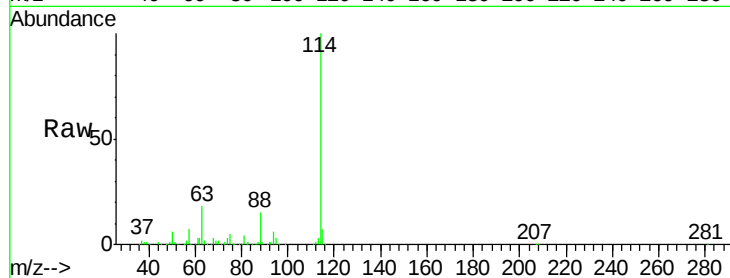
Tot Ion:114 Resp: 216732

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

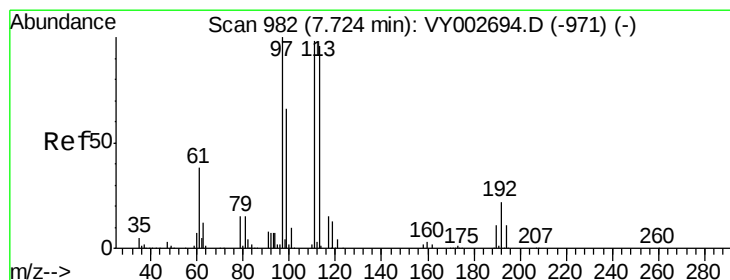
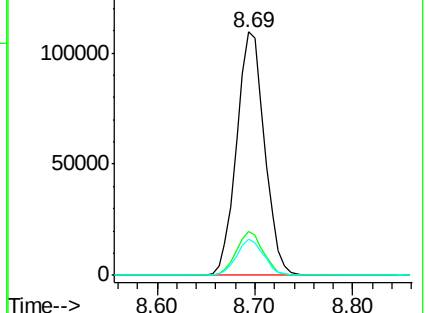
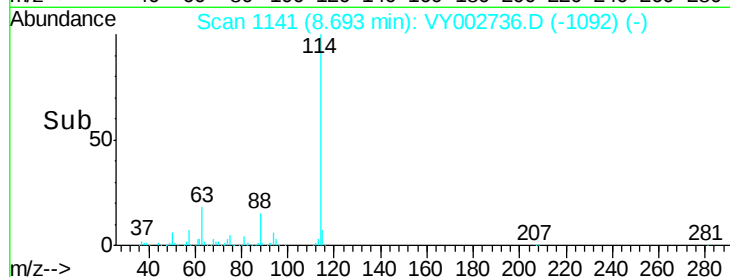
88 14.9 0.0 29.4



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: 51.651 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002736.D

Acq: 21 May 2020 12:38

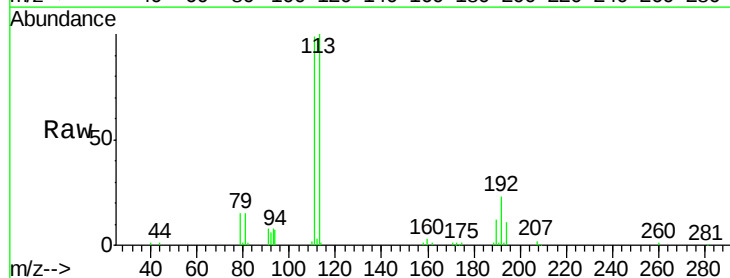
Tgt Ion:113 Resp: 61779

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

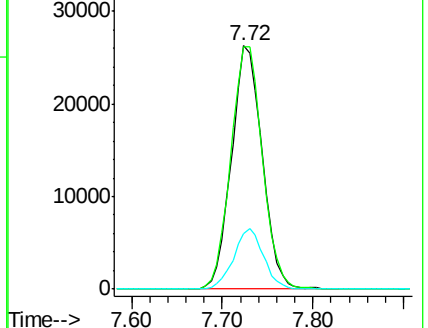
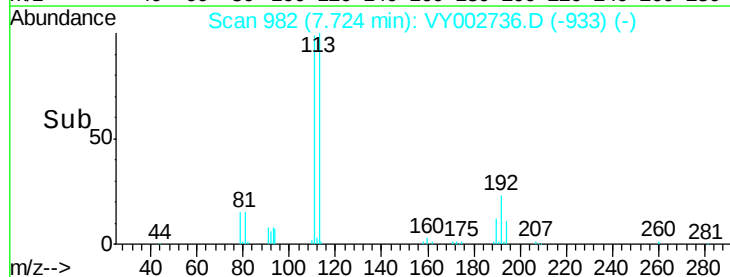
192 23.9 18.6 27.8

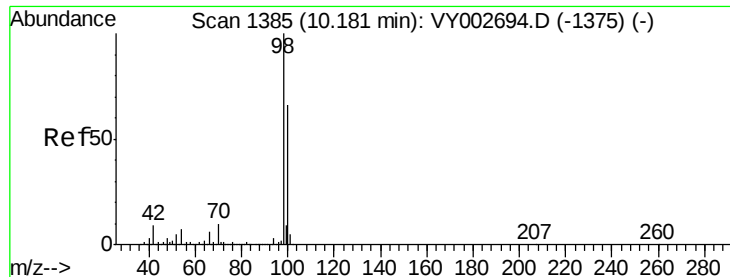


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.405 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002736.D

Acq: 21 May 2020 12:38

Instrument :

MSVOA_Y

ClientSampleId :

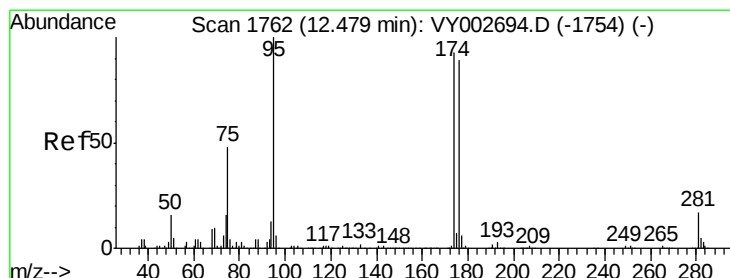
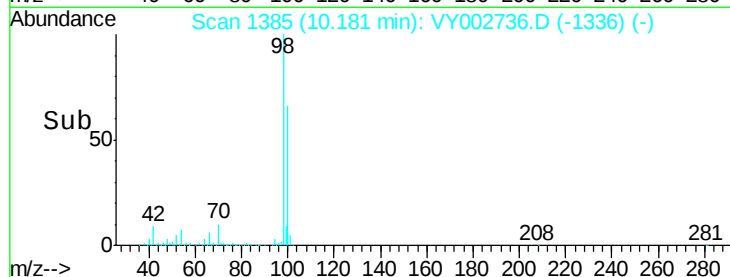
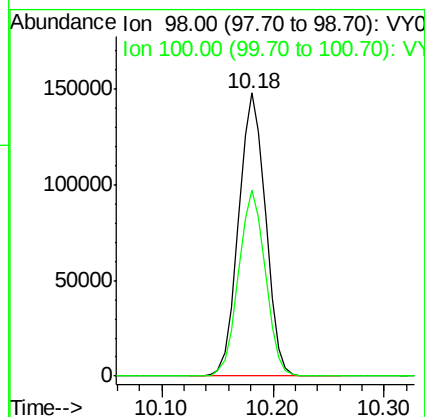
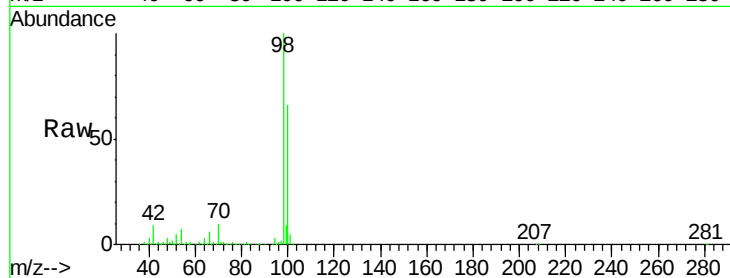
TR-04-052020

Tot Ion: 98 Resp: 247547

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.585 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002736.D

Acq: 21 May 2020 12:38

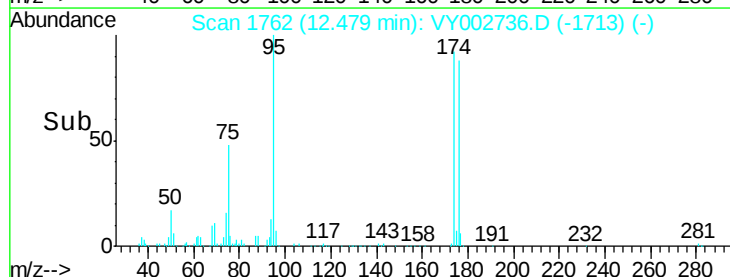
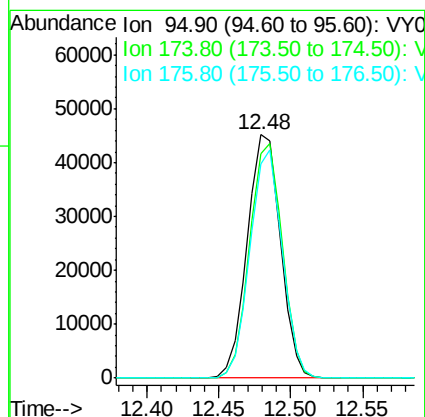
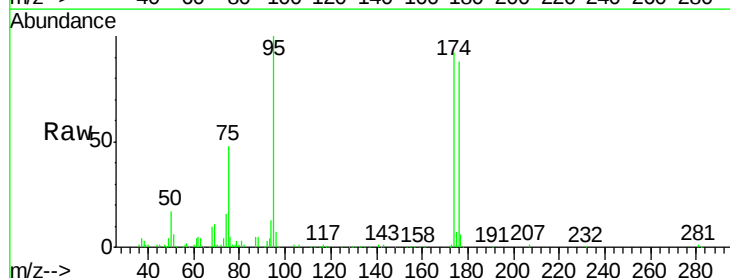
Tgt Ion: 95 Resp: 72139

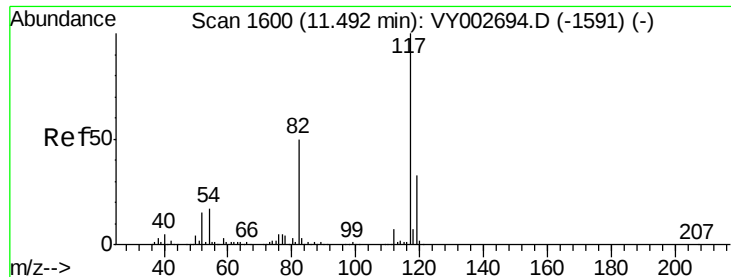
Ion Ratio Lower Upper

95 100

174 94.5 0.0 191.4

176 90.7 0.0 186.0

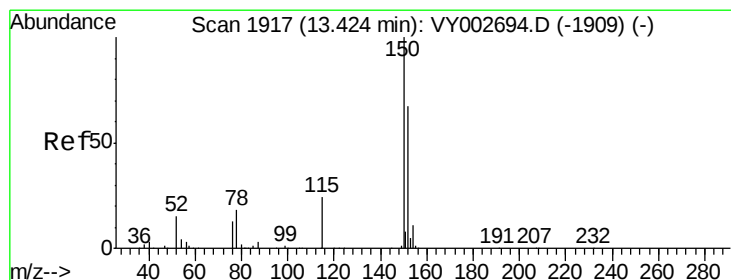
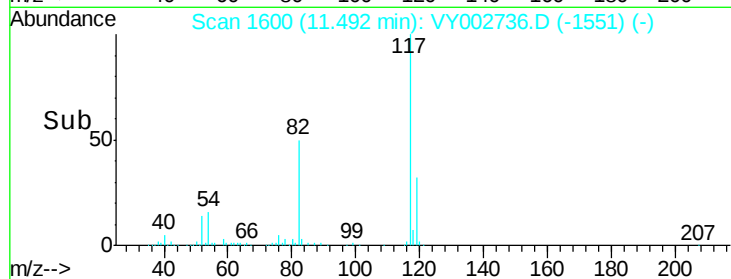
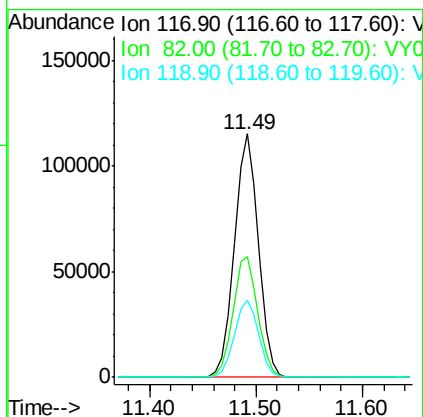
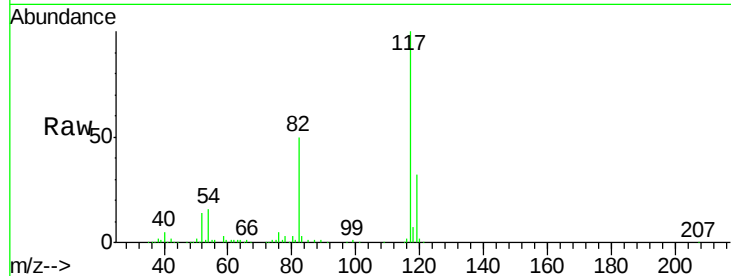




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002736.D
Acq: 21 May 2020 12:38

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-052020

Tot Ion:117 Resp: 181662
Ion Ratio Lower Upper
117 100
82 49.7 40.3 60.5
119 31.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002736.D
Acq: 21 May 2020 12:38

Tgt Ion:152 Resp: 77930
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.6
150 157.6 0.0 343.8

