

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003402.D
 Acq On : 31 Jul 2020 20:21
 Operator : SY/MD
 Sample : L3518-42
 Misc : 4.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12

Quant Time: Aug 01 02:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	388293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	603643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	582809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	293043	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	206598	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	7.72	113	189898	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.18	98	748853	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.48	95	246891	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

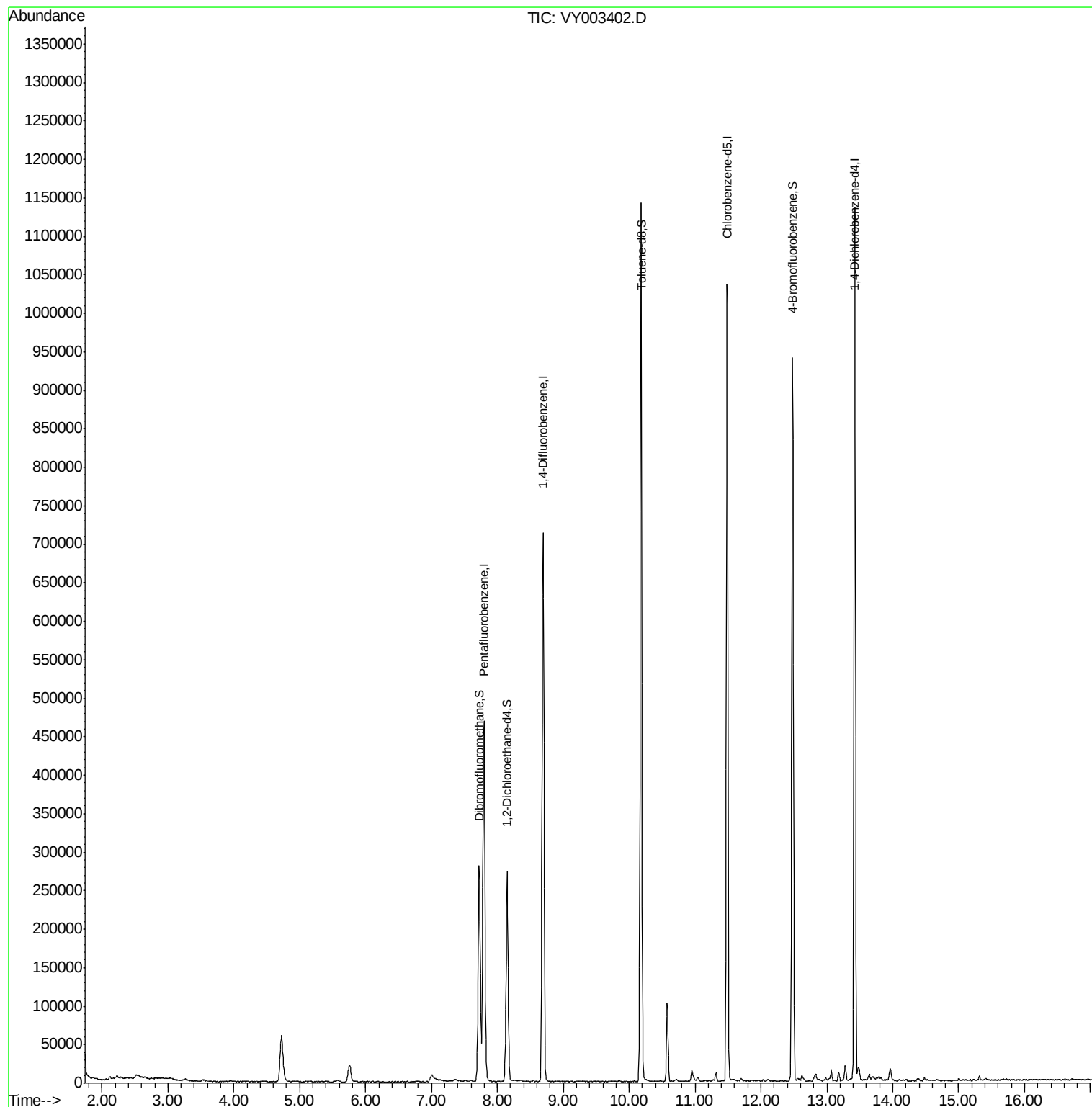
Target Compounds	Qvalue

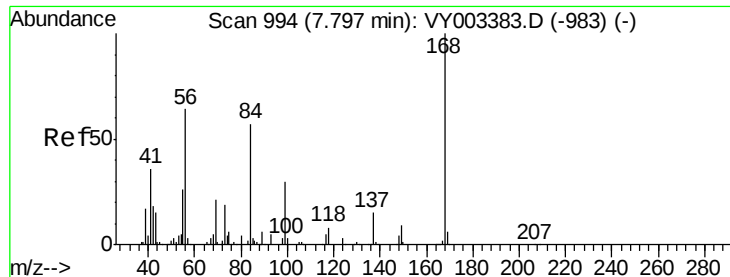
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003402.D

Acq: 31 Jul 2020 20:21

Instrument :

MSVOA_Y

ClientSampled :

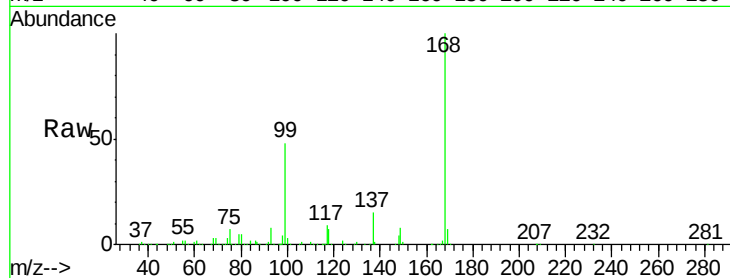
TP-12

Tot Ion:168 Resp: 388293

Ion Ratio Lower Upper

168 100

99 47.8 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

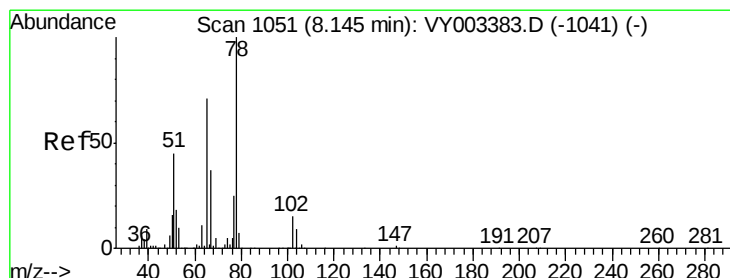
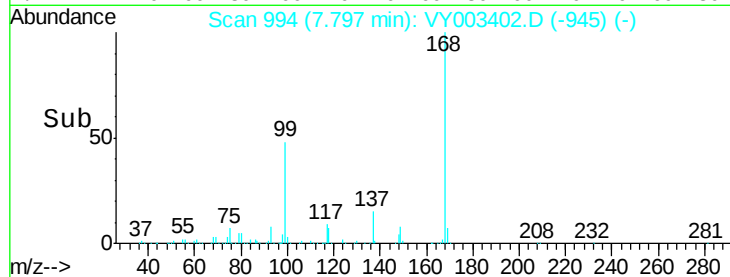
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.959 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003402.D

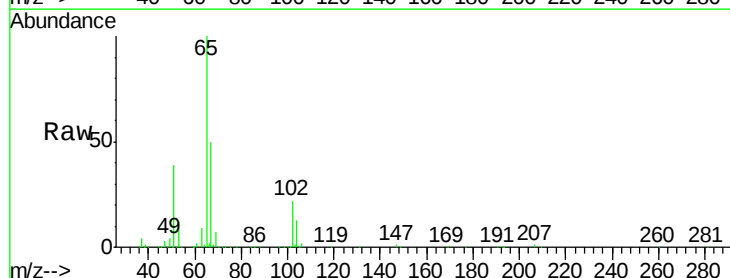
Acq: 31 Jul 2020 20:21

Tgt Ion: 65 Resp: 206598

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VY003383.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003383.D (-1041) (-)

8.15

100000

80000

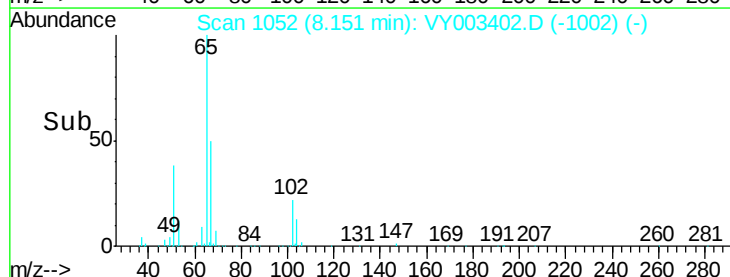
60000

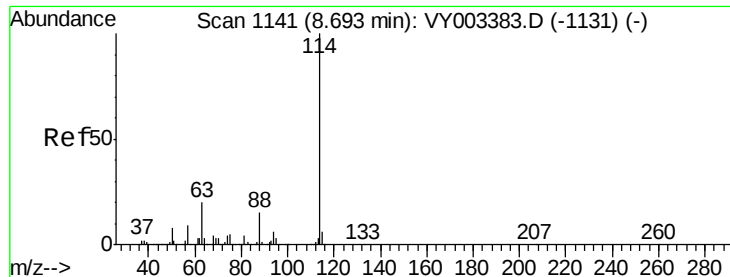
40000

20000

0

Time-->

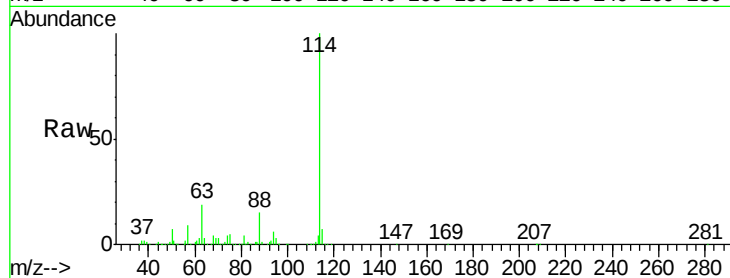




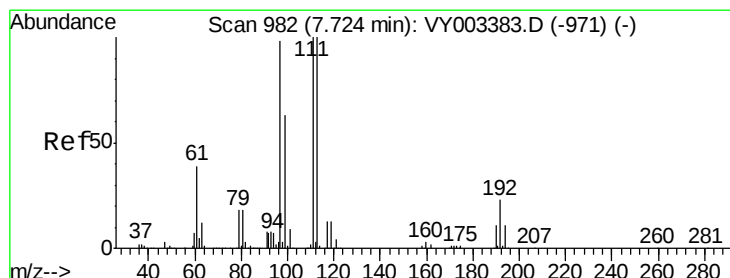
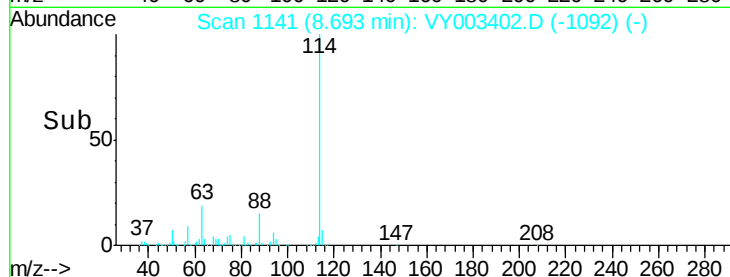
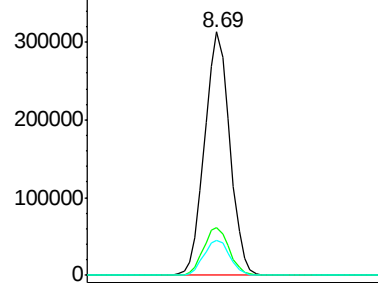
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003402.D
 Acq: 31 Jul 2020 20:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12

Tot Ion:114 Resp: 603643
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 14.6 0.0 29.2

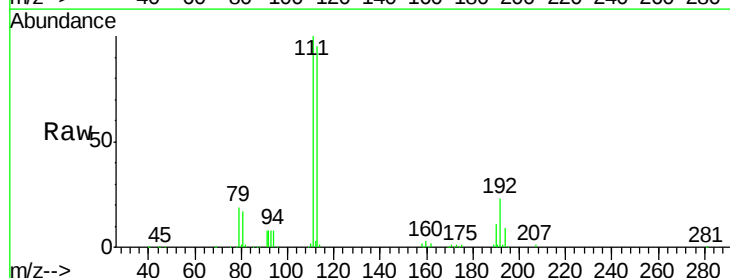


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

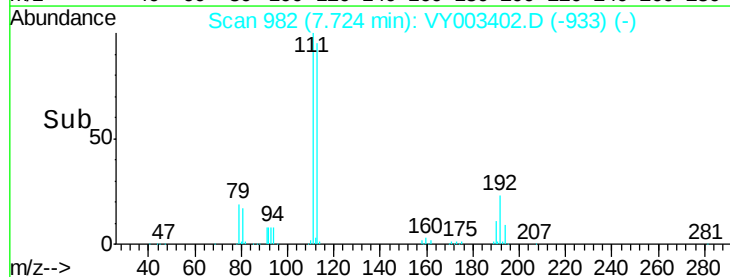
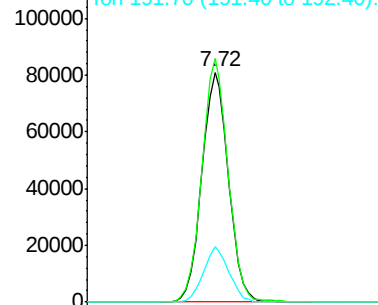


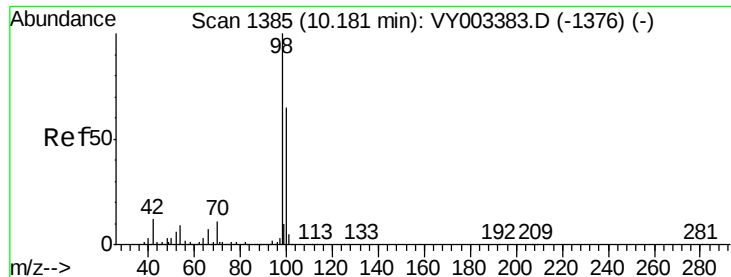
#35
 Dibromofluoromethane
 Concen: 53.405 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003402.D
 Acq: 31 Jul 2020 20:21

Tgt Ion:113 Resp: 189898
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.4
 192 23.2 18.8 28.2



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: 53.781 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003402.D

Acq: 31 Jul 2020 20:21

Instrument :

MSVOA_Y

ClientSampleId :

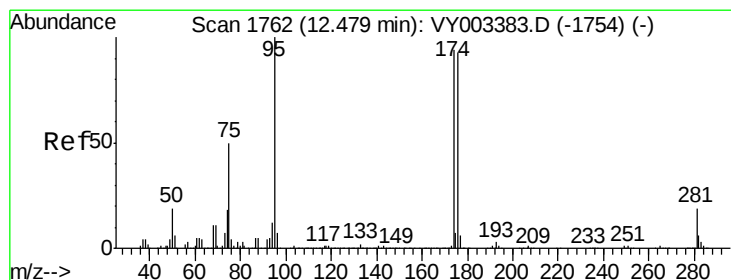
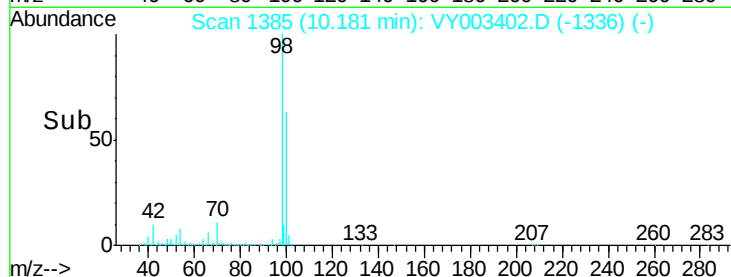
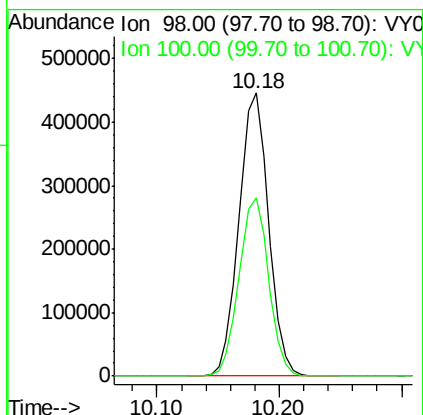
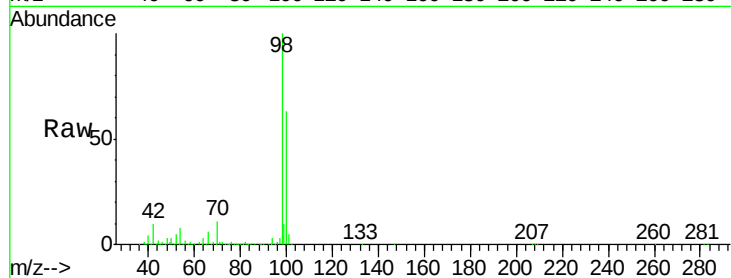
TP-12

Tot Ion: 98 Resp: 748853

Ion Ratio Lower Upper

98 100

100 63.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.895 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003402.D

Acq: 31 Jul 2020 20:21

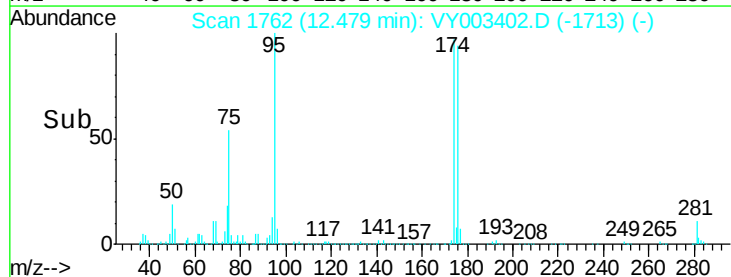
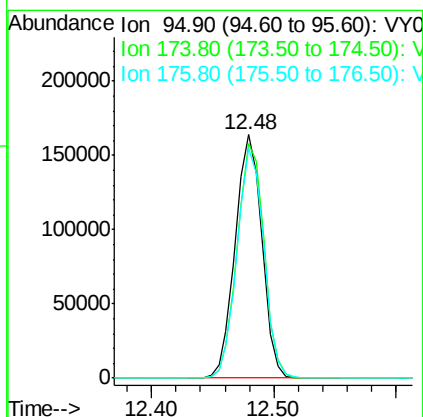
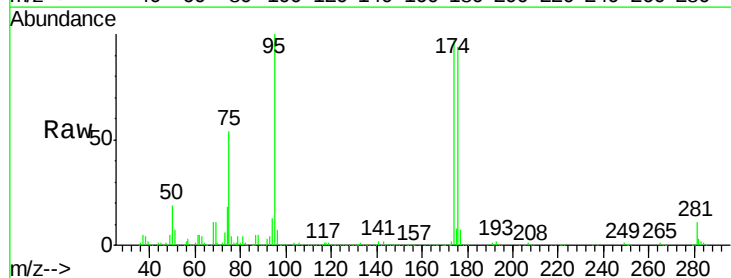
Tgt Ion: 95 Resp: 246891

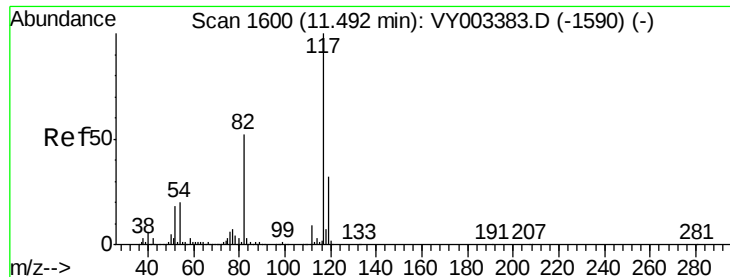
Ion Ratio Lower Upper

95 100

174 97.2 0.0 190.0

176 94.5 0.0 184.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003402.D

Acq: 31 Jul 2020 20:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-12

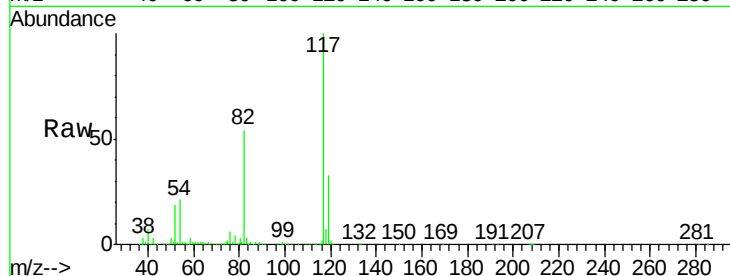
Tot Ion:117 Resp: 582809

Ion Ratio Lower Upper

117 100

82 53.5 41.9 62.9

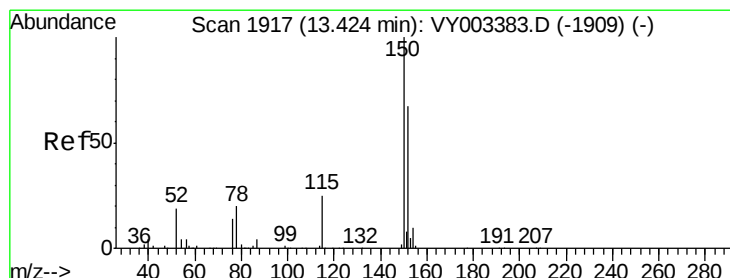
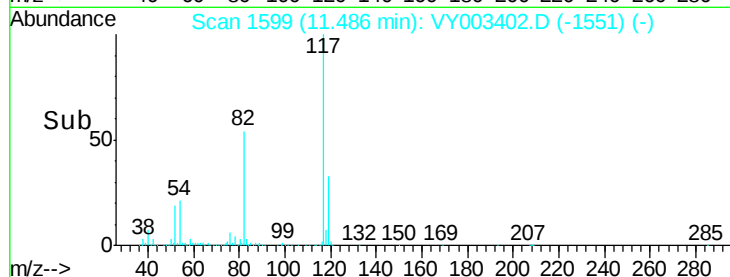
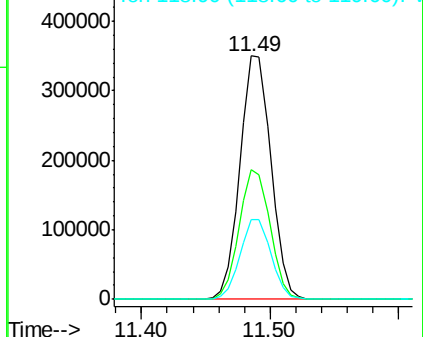
119 32.7 25.4 38.0



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: VY003402.D

Acq: 31 Jul 2020 20:21

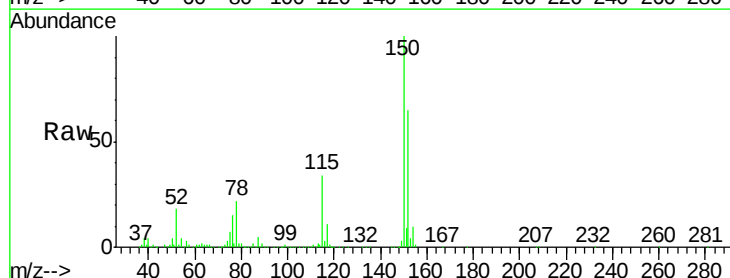
Tgt Ion:152 Resp: 293043

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.5

150 158.5 0.0 346.8



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

