

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy072220\
 Data File : VY003297.D
 Acq On : 22 Jul 2020 18:45
 Operator : SY/MD
 Sample : L3308-13RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 13RE

Quant Time: Jul 23 06:26:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	394267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	612920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	570745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	292666	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	203268	61.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.16%	
35) Dibromofluoromethane	7.72	113	192758	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
50) Toluene-d8	10.18	98	745420	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
62) 4-Bromofluorobenzene	12.48	95	246269	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

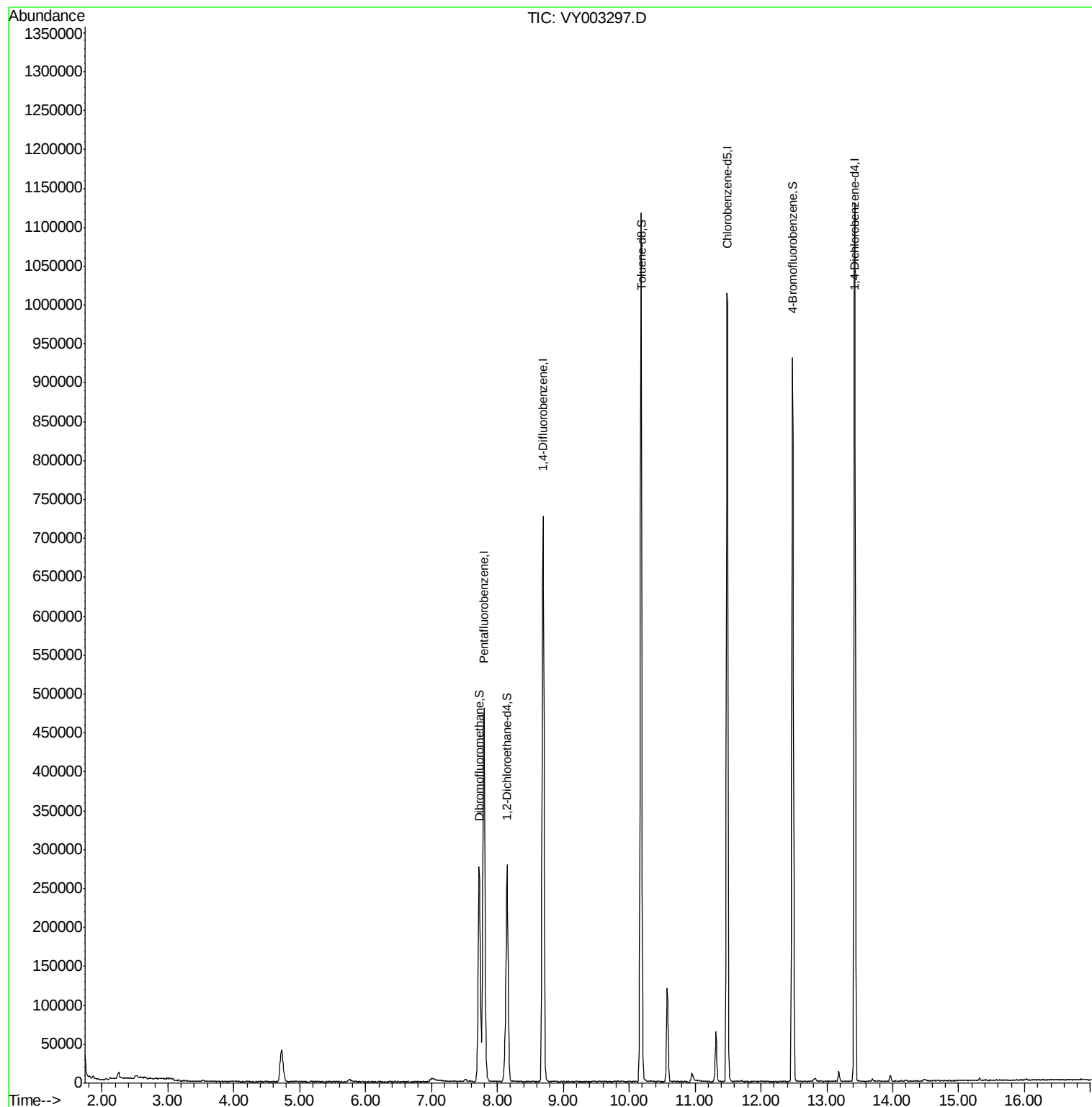
Target Compounds	Qvalue

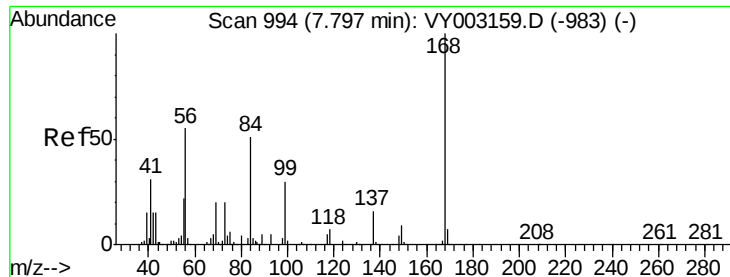
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003297.D

Acq: 22 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

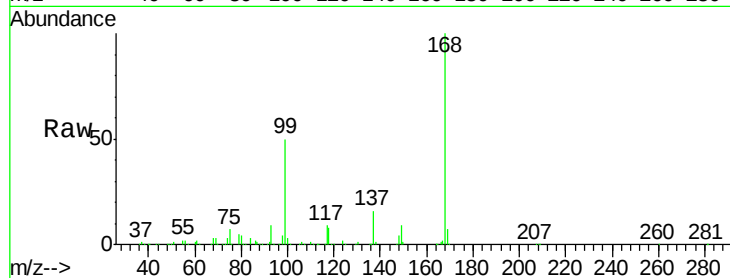
13RE

Tgt Ion:168 Resp: 394267

Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003297.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003297.D (-945) (-)

7.80

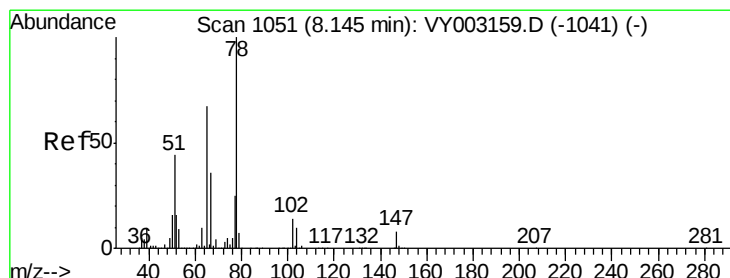
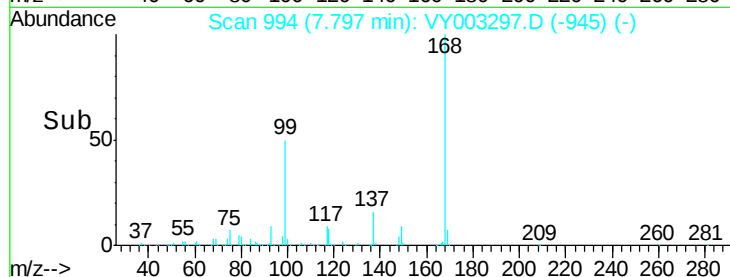
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.083 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003297.D

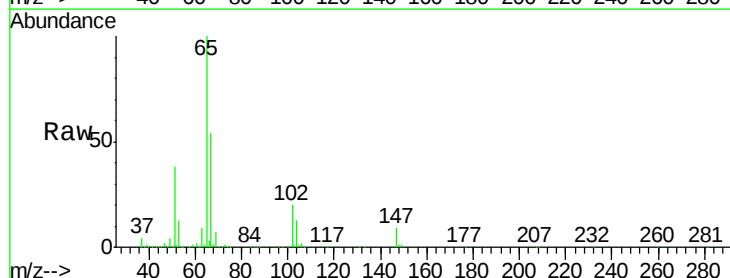
Acq: 22 Jul 2020 18:45

Tgt Ion: 65 Resp: 203268

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003297.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003297.D (-1002) (-)

8.14

100000

80000

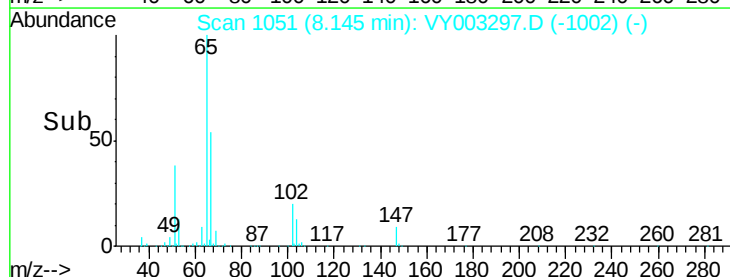
60000

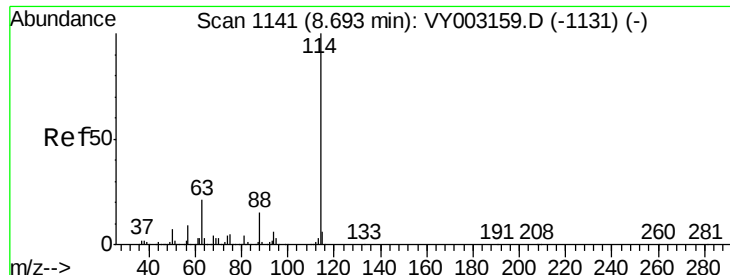
40000

20000

0

Time-->

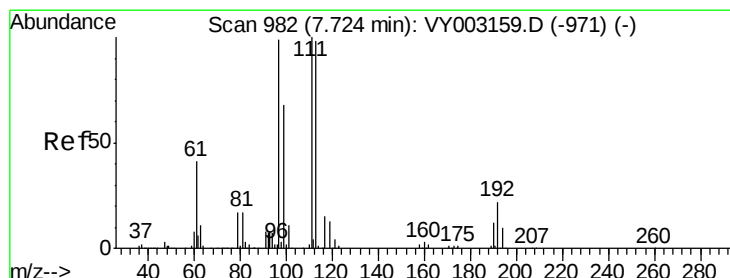
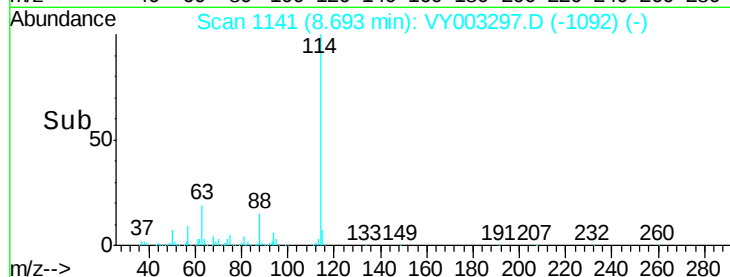
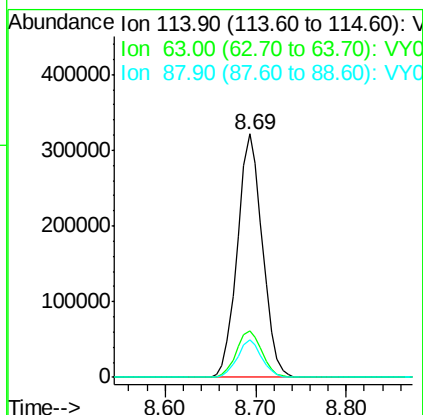
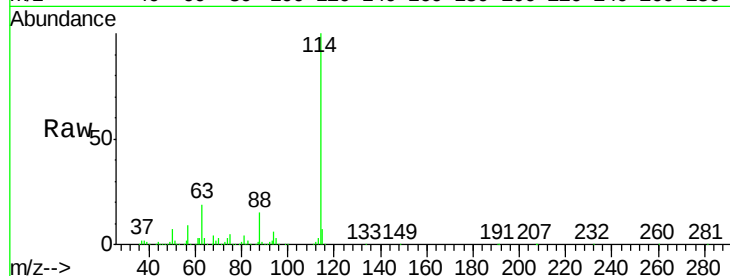




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003297.D
 Acq: 22 Jul 2020 18:45

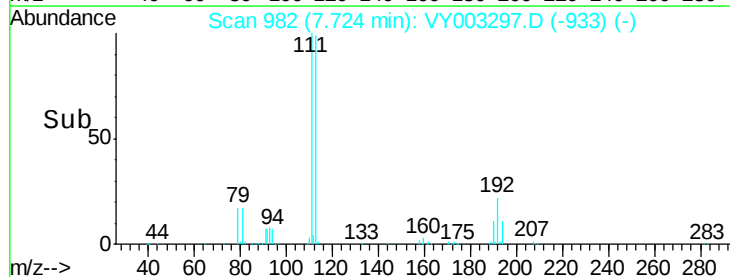
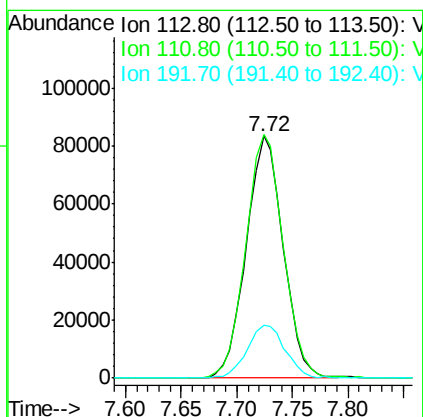
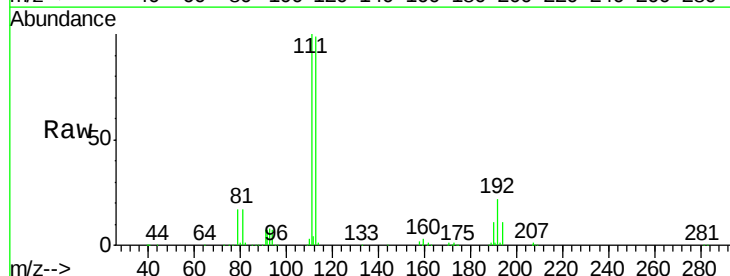
Instrument :
 MSVOA_Y
 ClientSampleId :
 13RE

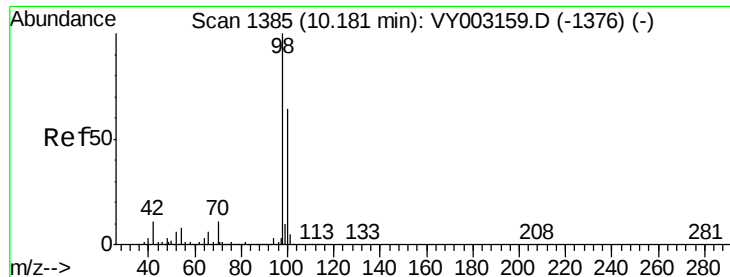
Tgt Ion:114 Resp: 612920
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.2
 88 15.2 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 54.649 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003297.D
 Acq: 22 Jul 2020 18:45

Tgt Ion:113 Resp: 192758
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.1 123.1
 192 22.7 18.8 28.2





#50

Toluene-d8

Concen: 56.843 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003297.D

Acq: 22 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

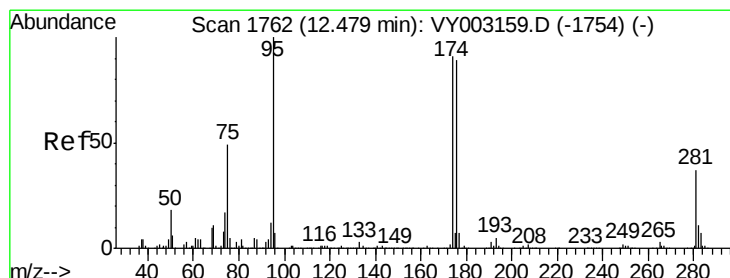
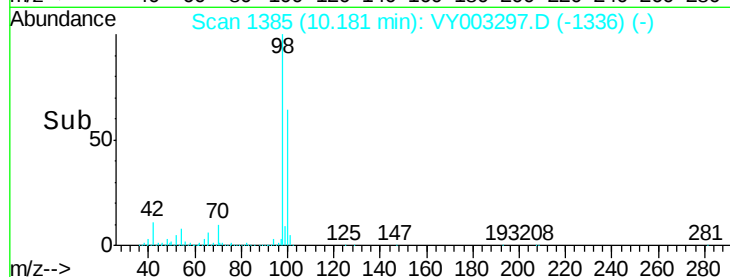
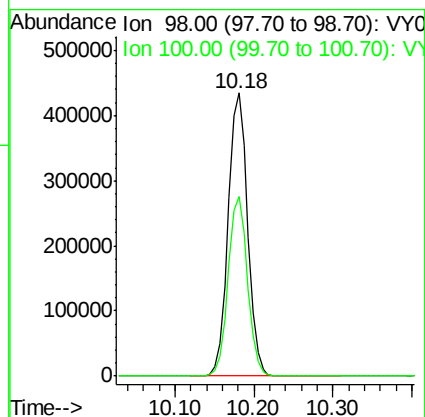
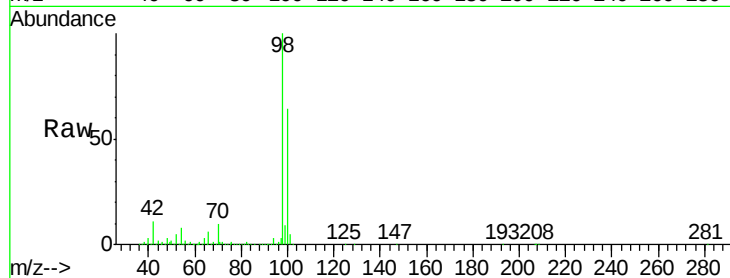
13RE

Tgt Ion: 98 Resp: 745420

Ion Ratio Lower Upper

98 100

100 62.8 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.984 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003297.D

Acq: 22 Jul 2020 18:45

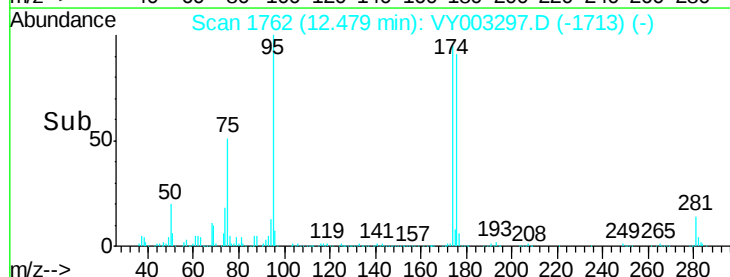
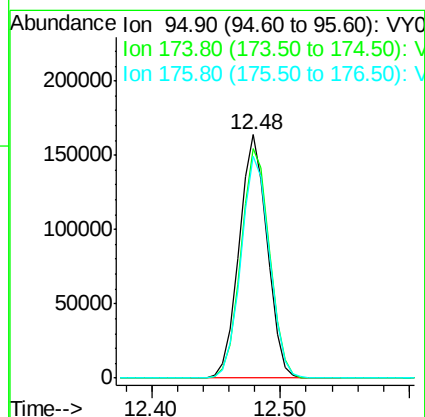
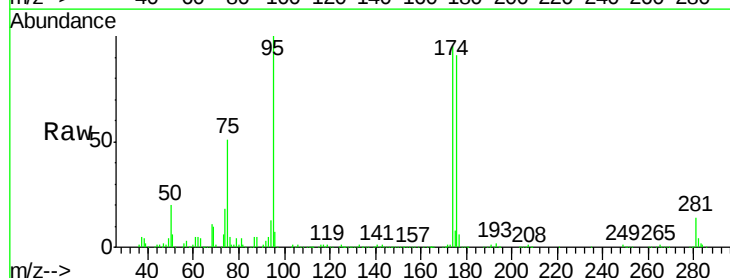
Tgt Ion: 95 Resp: 246269

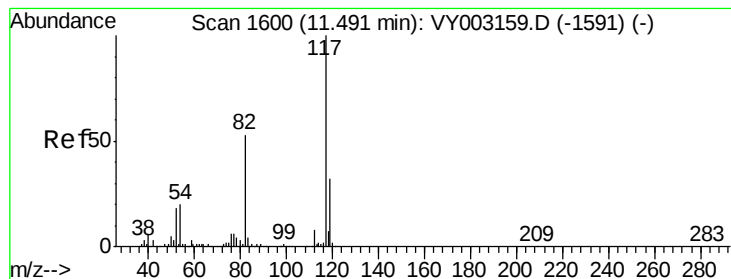
Ion Ratio Lower Upper

95 100

174 95.9 0.0 190.6

176 92.2 0.0 186.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003297.D

Acq: 22 Jul 2020 18:45

Instrument :

MSVOA_Y

ClientSampleId :

13RE

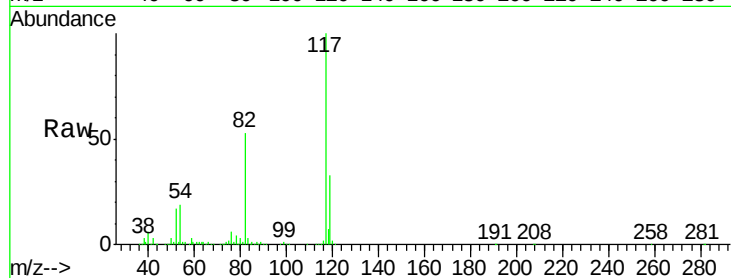
Tgt Ion:117 Resp: 570745

Ion Ratio Lower Upper

117 100

82 53.3 42.0 63.0

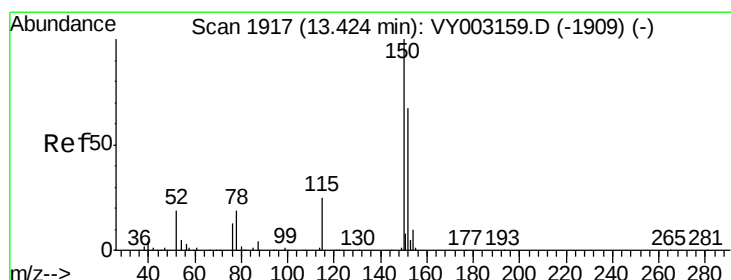
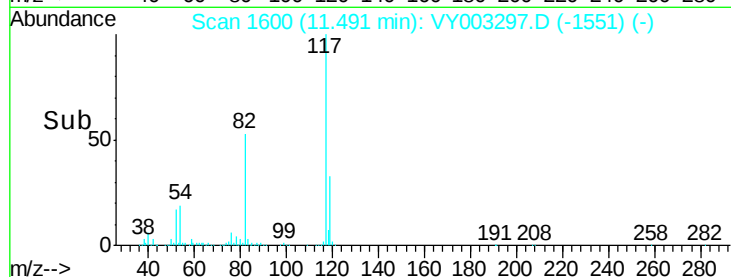
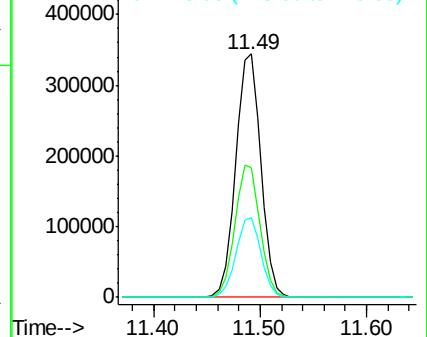
119 32.9 25.5 38.3



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: VY003297.D

Acq: 22 Jul 2020 18:45

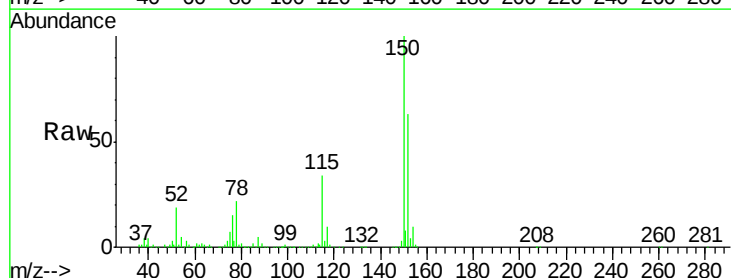
Tgt Ion:152 Resp: 292666

Ion Ratio Lower Upper

152 100

115 54.3 26.9 80.7

150 156.7 0.0 338.0



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

