

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061020\
 Data File : VY002877.D
 Acq On : 10 Jun 2020 12:31
 Operator : SY/MD
 Sample : L2970-02
 Misc : 6.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 600472986

Quant Time: Jun 11 02:24:58 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	237598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	386767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	363923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	119256	57.81	ug/l	0.00
Spiked Amount						
			Recovery	=	115.62%	
35) Dibromofluoromethane	7.72	113	117321	51.76	ug/l	0.00
Spiked Amount						
			Recovery	=	103.52%	
50) Toluene-d8	10.18	98	457726	49.94	ug/l	0.00
Spiked Amount						
			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.48	95	155509	49.65	ug/l	0.00
Spiked Amount						
			Recovery	=	99.30%	

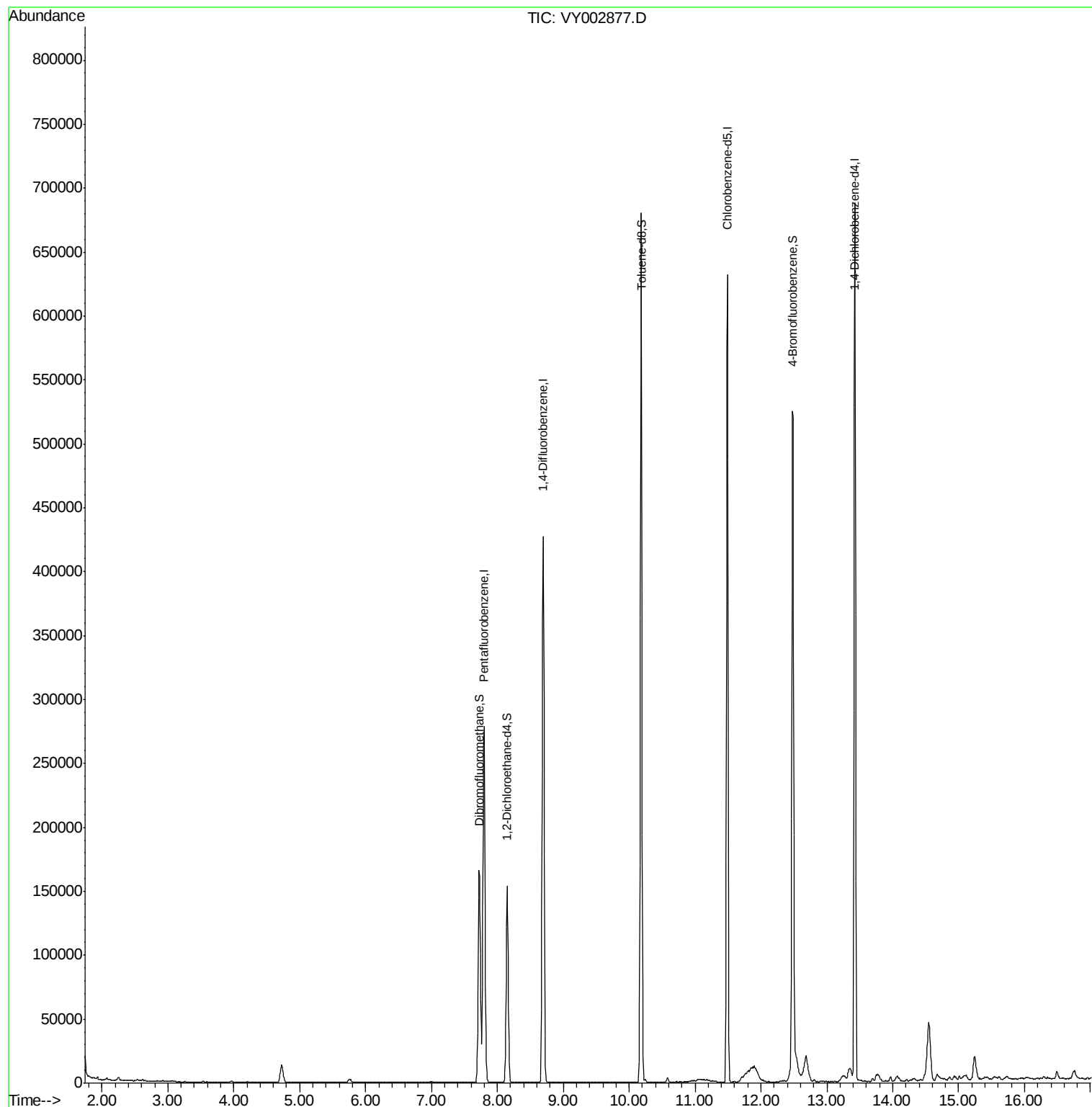
Target Compounds	Qvalue
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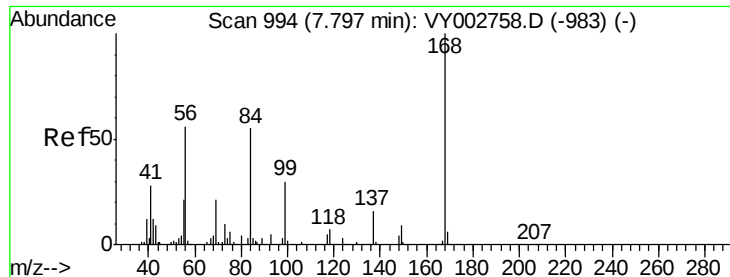
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

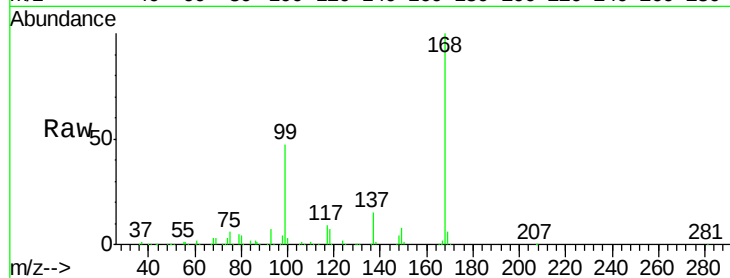
600472986

Tot Ion:168 Resp: 237598

Ion Ratio Lower Upper

168 100

99 46.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002877.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002877.D (-945) (-)

7.80

120000

100000

80000

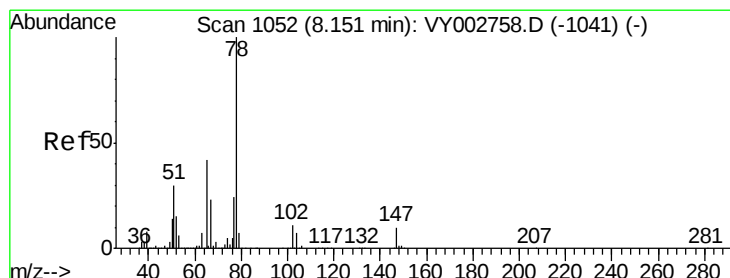
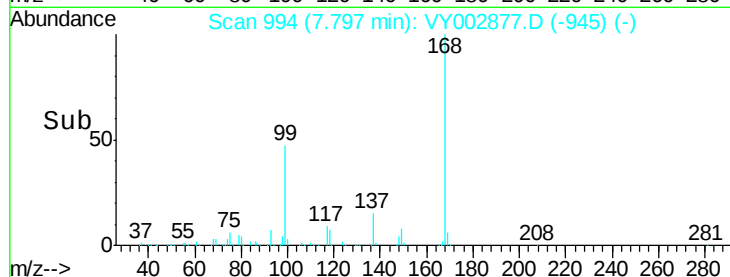
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.807 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002877.D

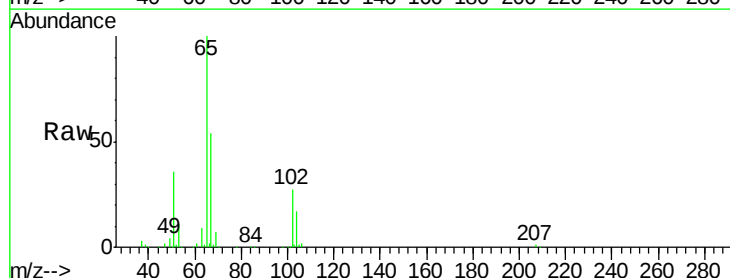
Acq: 10 Jun 2020 12:31

Tgt Ion: 65 Resp: 119256

Ion Ratio Lower Upper

65 100

67 53.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002877.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002877.D (-1003) (-)

8.15

60000

50000

40000

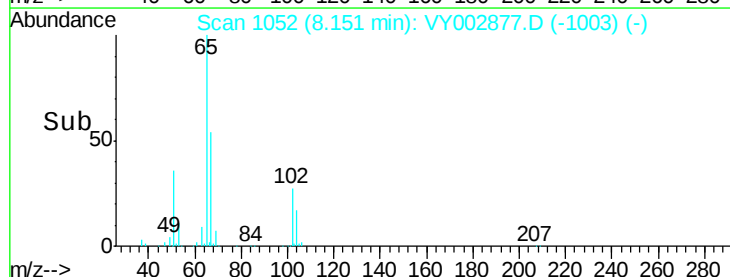
30000

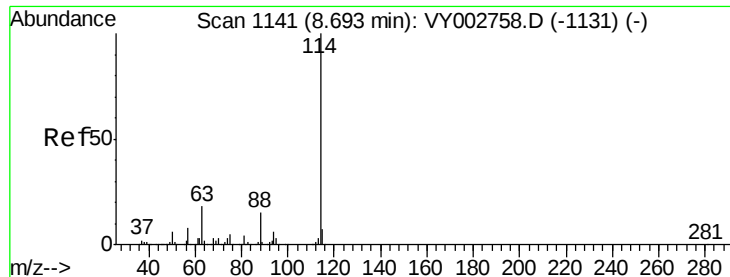
20000

10000

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: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

600472986

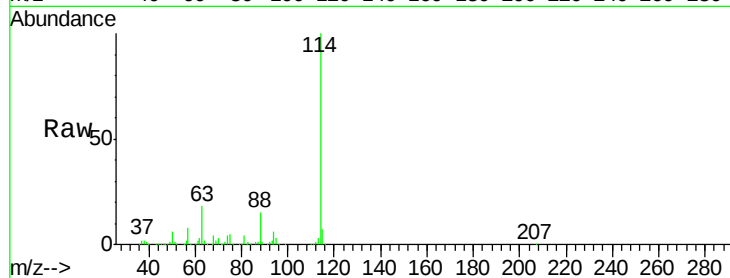
Tot Ion:114 Resp: 386767

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

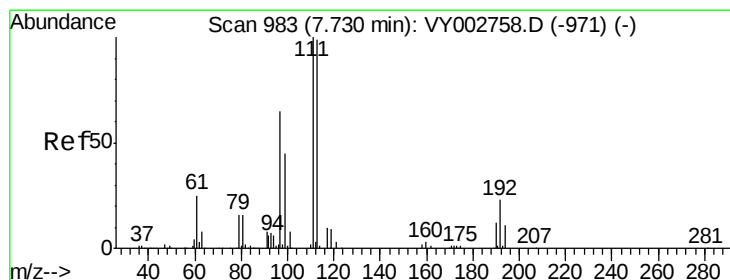
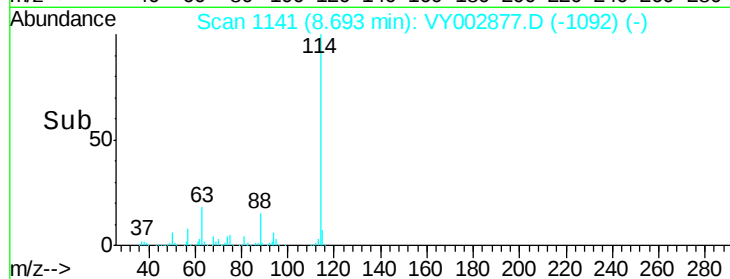
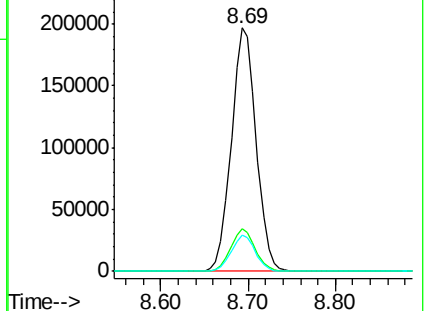
88 14.8 0.0 29.2



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: 51.760 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

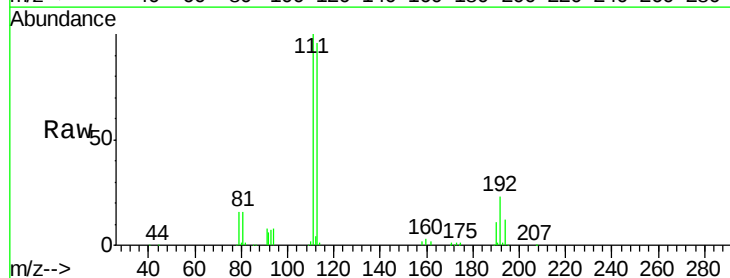
Tgt Ion:113 Resp: 117321

Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

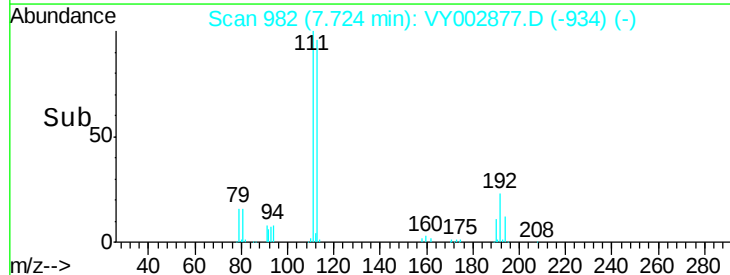
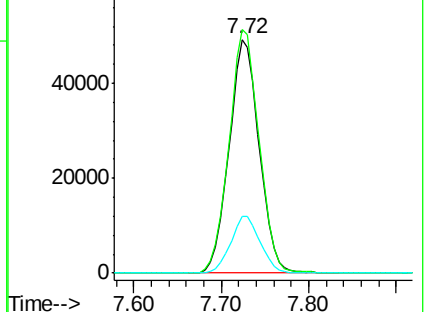
192 24.0 18.9 28.3

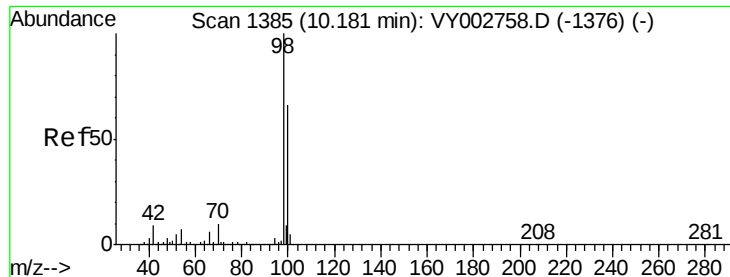


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.945 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

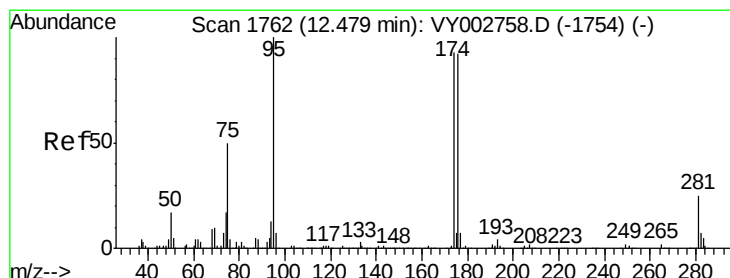
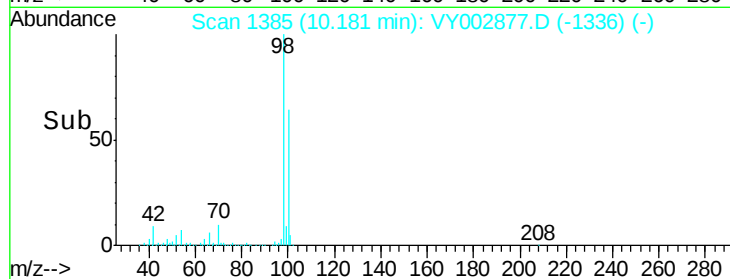
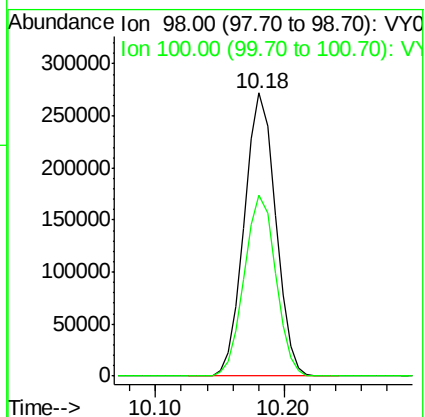
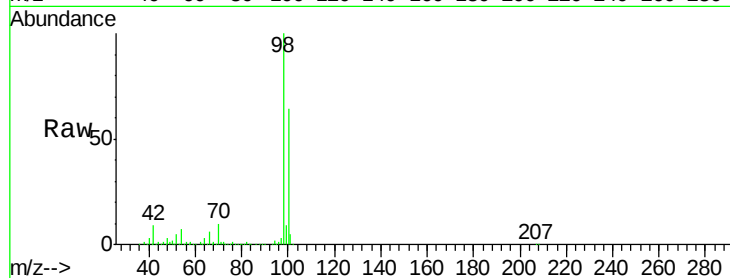
600472986

Tot Ion: 98 Resp: 457726

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.651 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002877.D

Acq: 10 Jun 2020 12:31

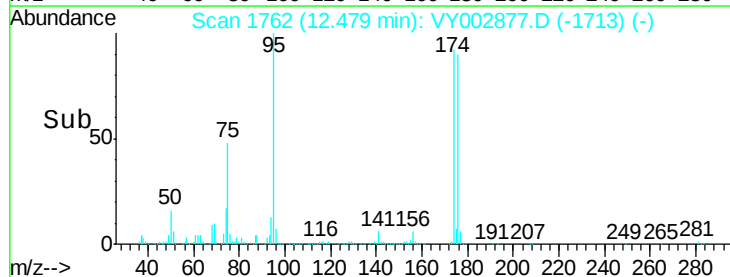
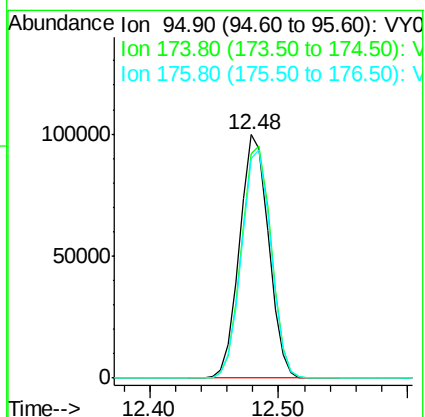
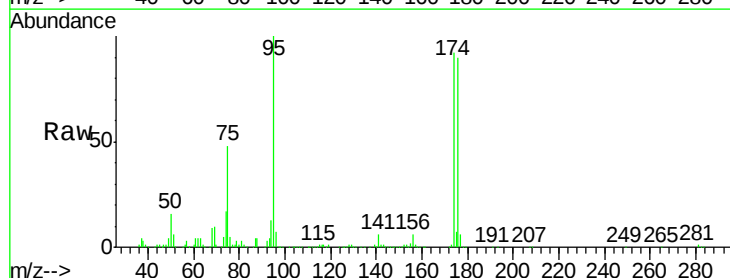
Tgt Ion: 95 Resp: 155509

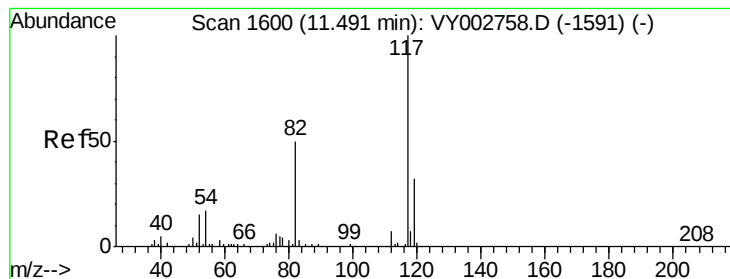
Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.2

176 94.8 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: VY002877.D

Acq: 10 Jun 2020 12:31

Instrument :

MSVOA_Y

ClientSampleId :

600472986

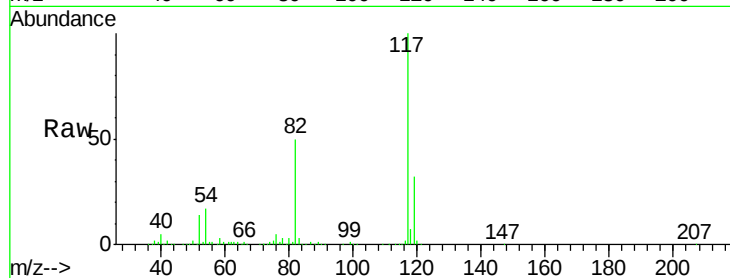
Tot Ion:117 Resp: 363923

Ion Ratio Lower Upper

117 100

82 49.9 40.2 60.4

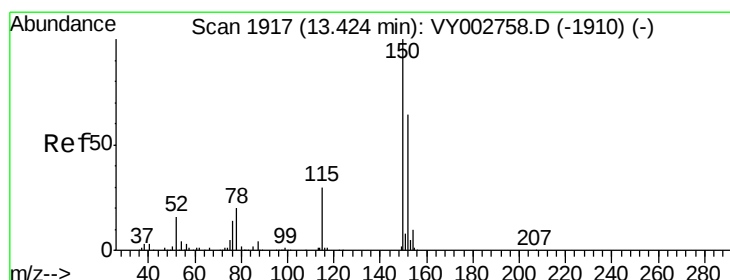
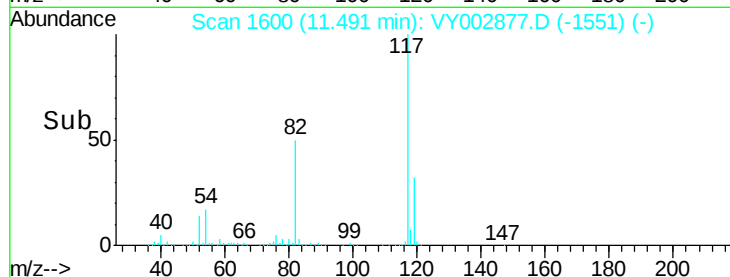
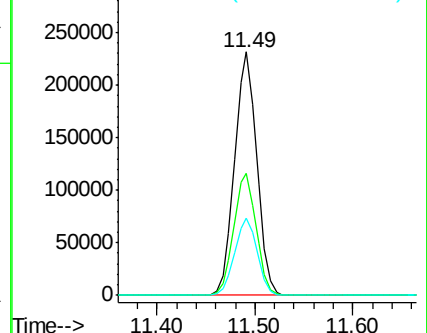
119 31.9 25.8 38.8



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: VY002877.D

Acq: 10 Jun 2020 12:31

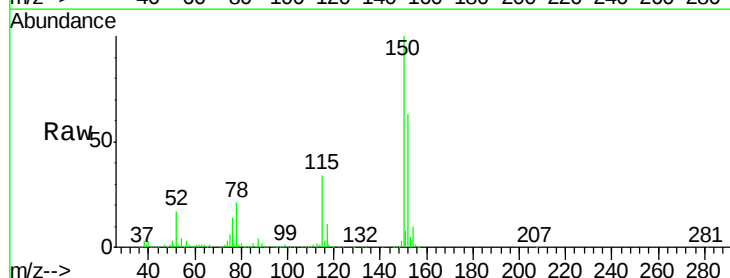
Tgt Ion:152 Resp: 185770

Ion Ratio Lower Upper

152 100

115 53.9 27.0 81.0

150 156.6 0.0 344.8



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

