

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002021.D
 Acq On : 19 Mar 2020 15:05
 Operator : SY/MD
 Sample : L1978-01
 Misc : 5.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-(0.5-1.5)

Quant Time: Mar 20 04:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	134163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	85254	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	84520	59.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.02%	
35) Dibromofluoromethane	7.74	113	76742	53.80	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.60%	
50) Toluene-d8	10.19	98	314187	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.49	95	99355	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	

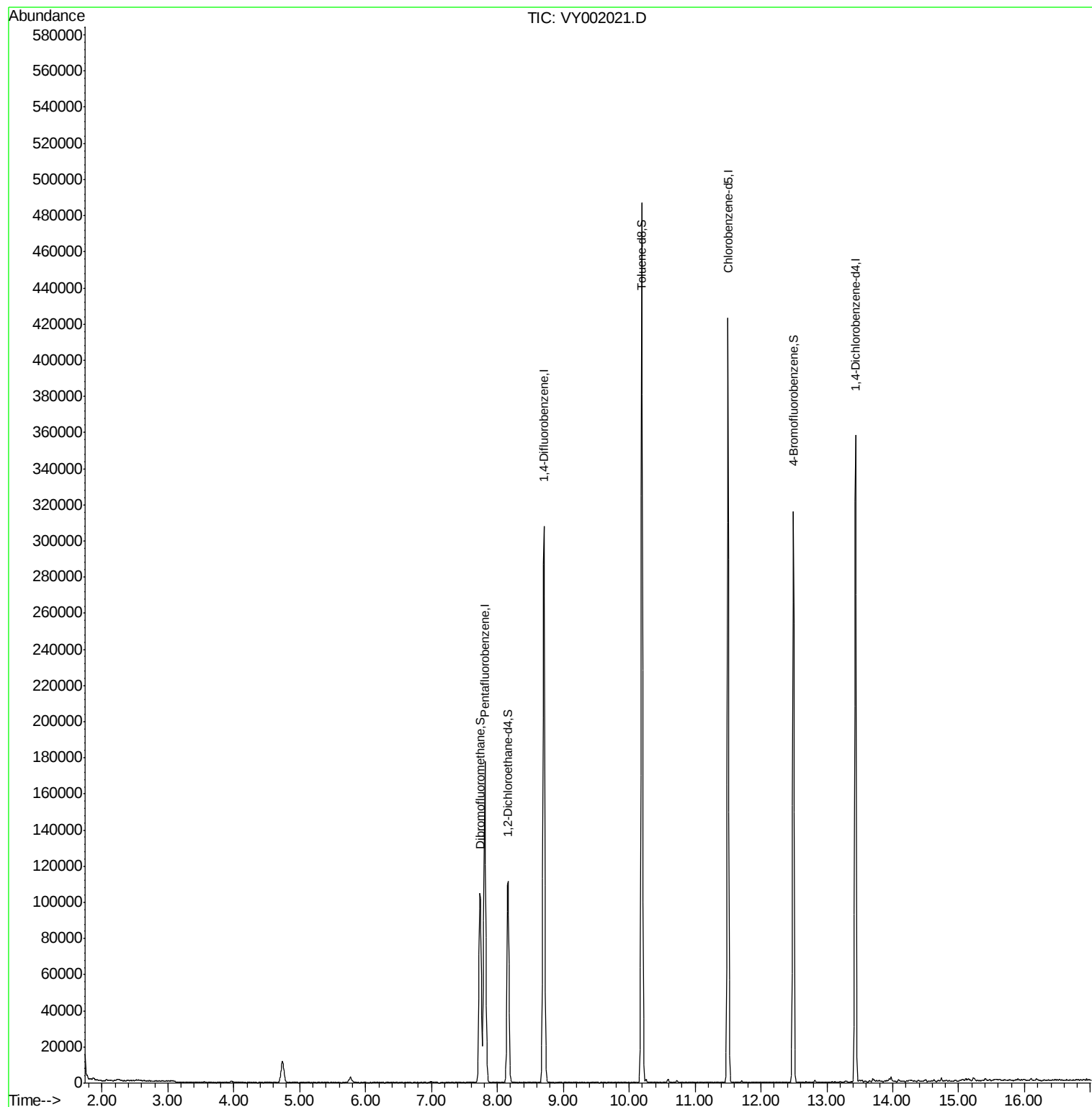
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

Instrument :

MSVOA_Y

ClientSampleId :

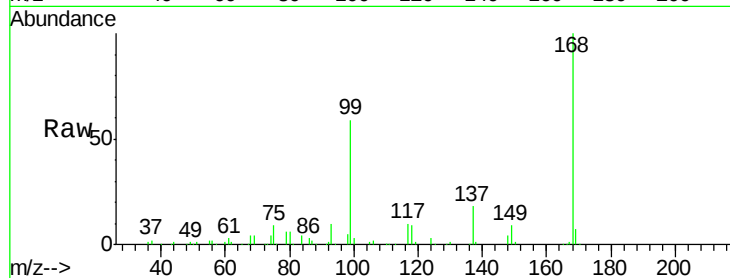
TP-5-(0.5-1.5)

Tot Ion:168 Resp: 134163

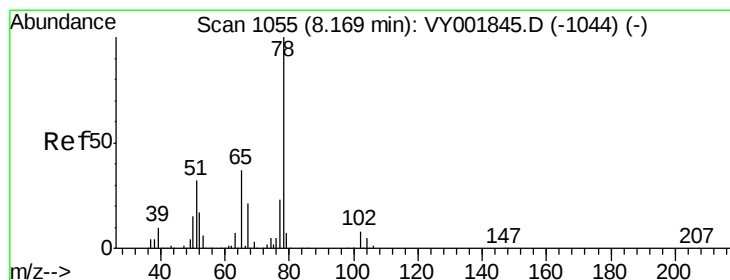
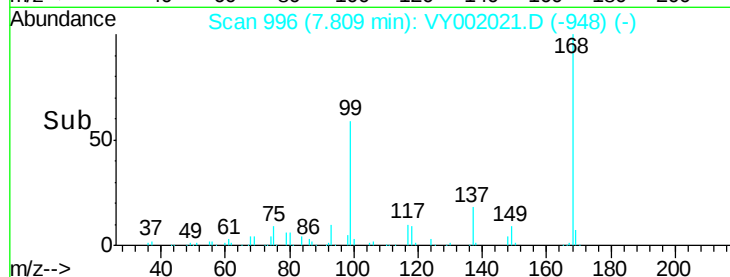
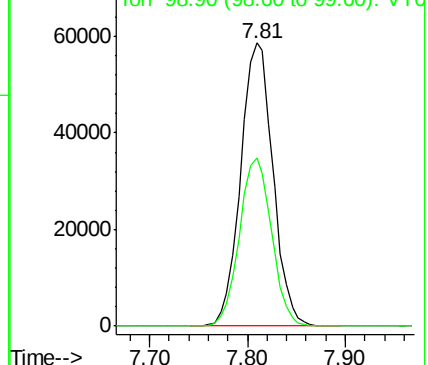
Ion Ratio Lower Upper

168 100

99 59.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.011 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002021.D

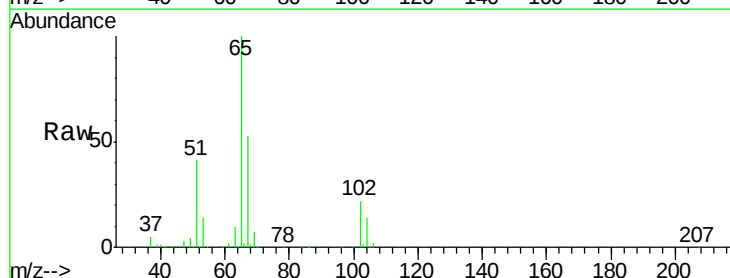
Acq: 19 Mar 2020 15:05

Tgt Ion: 65 Resp: 84520

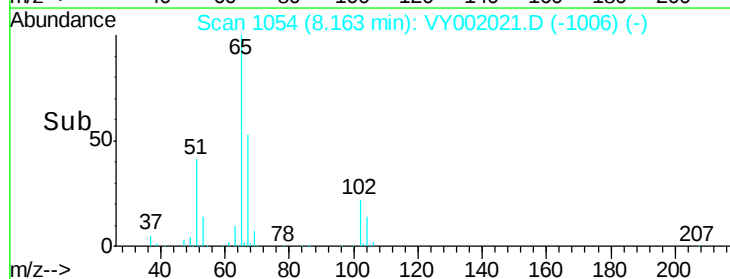
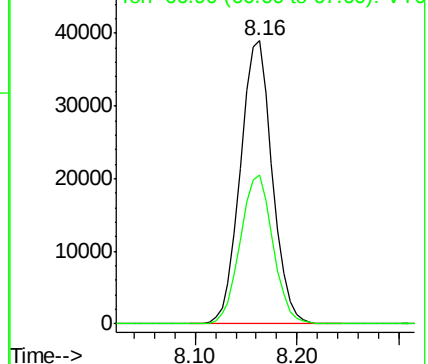
Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-(0.5-1.5)

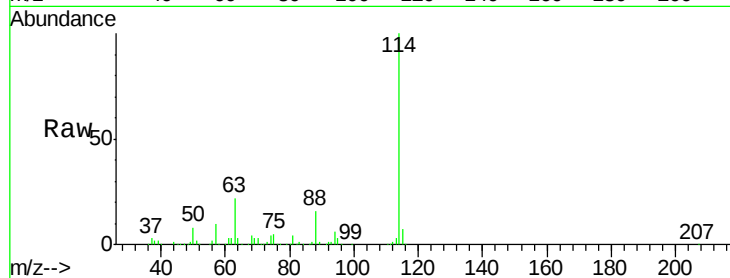
Tot Ion:114 Resp: 261249

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.4

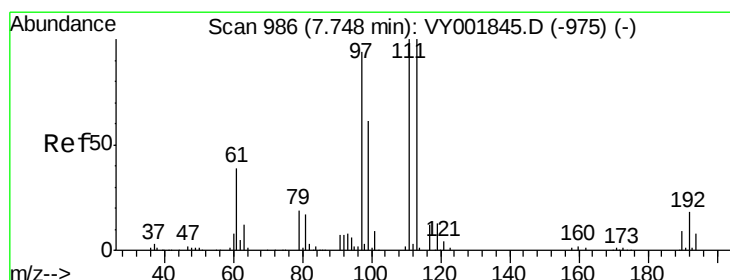
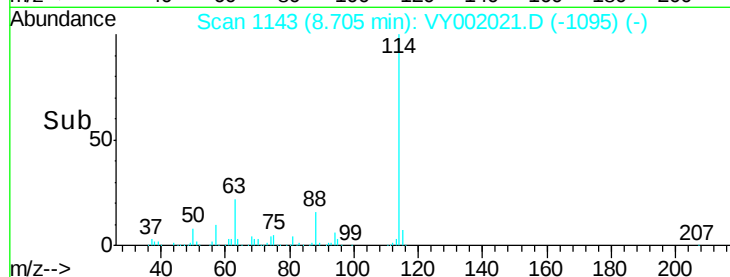
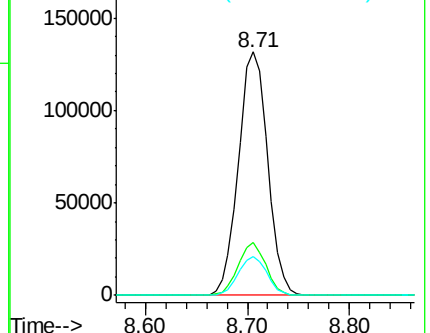
88 16.1 0.0 30.4



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: 53.796 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

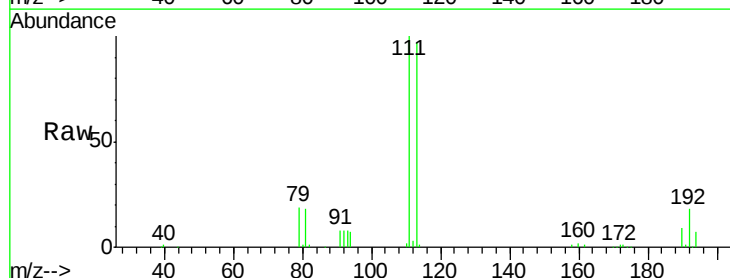
Tgt Ion:113 Resp: 76742

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

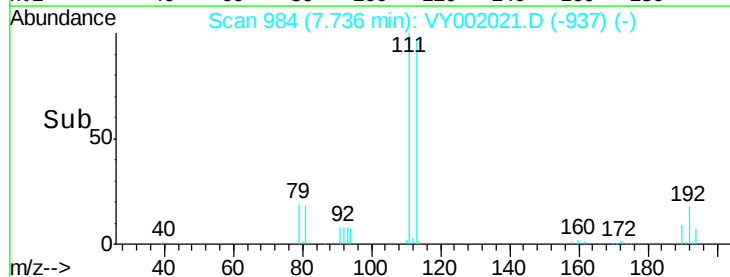
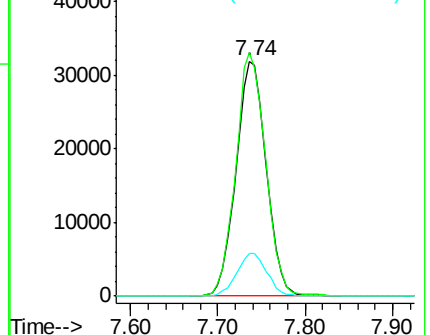
192 18.1 14.2 21.2

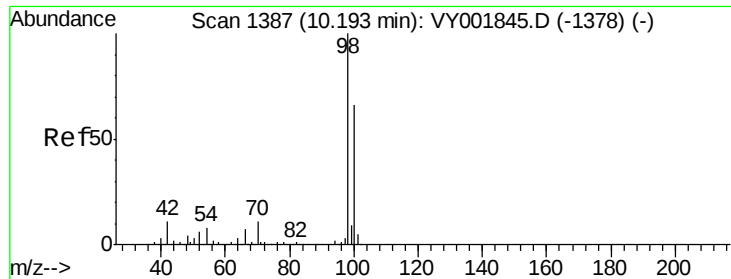


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.230 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

Instrument :

MSVOA_Y

ClientSampleId :

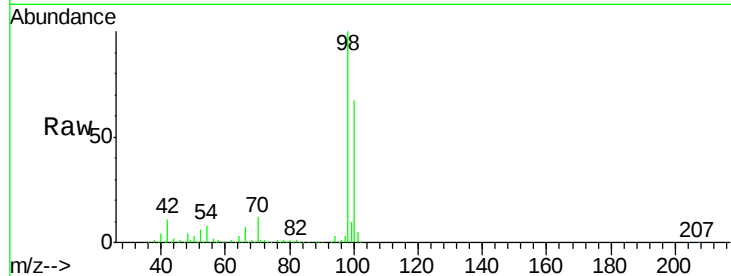
TP-5-(0.5-1.5)

Tot Ion: 98 Resp: 314187

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

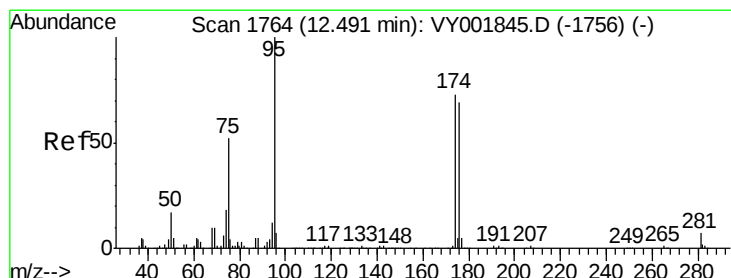
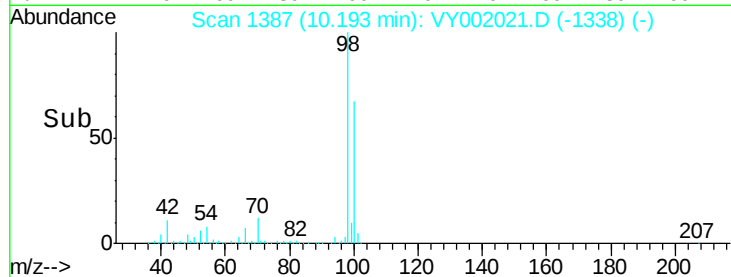
150000

100000

50000

0

Time--> 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 47.501 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

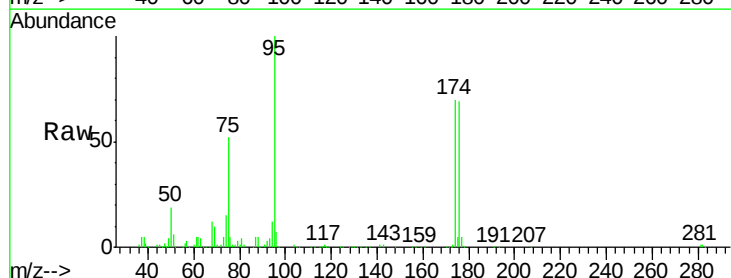
Tgt Ion: 95 Resp: 99355

Ion Ratio Lower Upper

95 100

174 72.8 0.0 145.0

176 70.3 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.49

80000

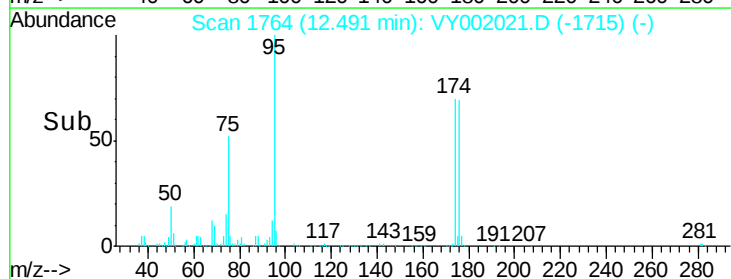
60000

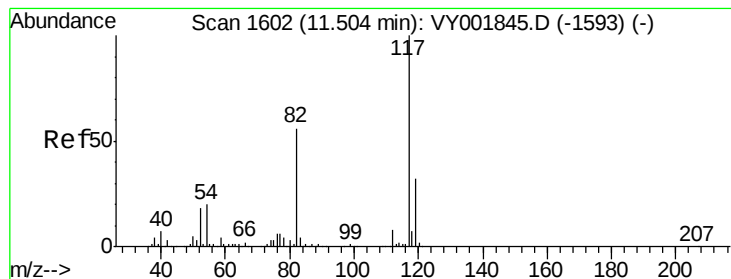
40000

20000

0

Time--> 12.40 12.45 12.50 12.55





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-(0.5-1.5)

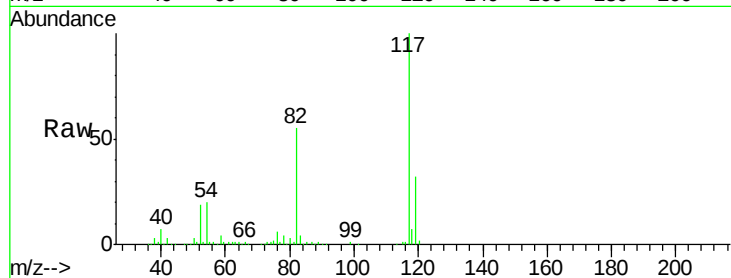
Tot Ion:117 Resp: 231370

Ion Ratio Lower Upper

117 100

82 55.2 44.5 66.7

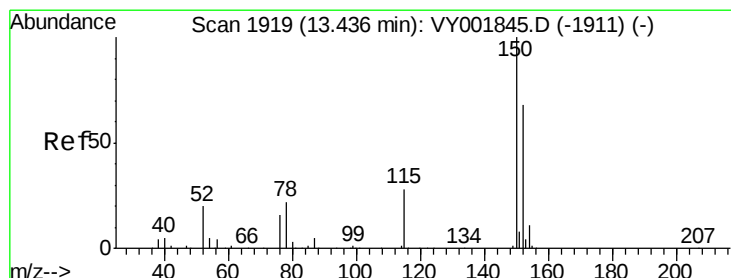
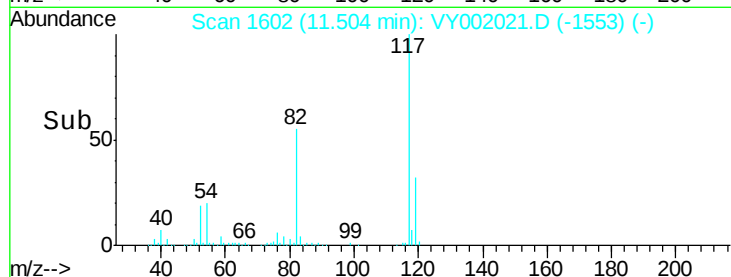
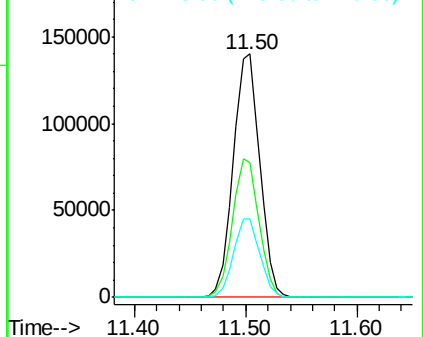
119 32.2 25.7 38.5



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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002021.D

Acq: 19 Mar 2020 15:05

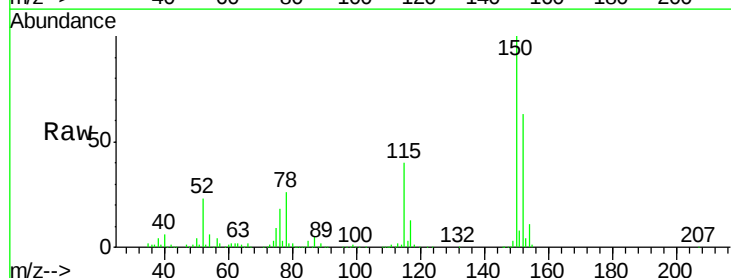
Tgt Ion:152 Resp: 85254

Ion Ratio Lower Upper

152 100

115 62.3 29.9 89.7

150 157.8 0.0 340.6



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

