

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003209.D
 Acq On : 16 Jul 2020 15:08
 Operator : SY/MD
 Sample : L3188-07RE
 Misc : 8.33G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-071420RE

Quant Time: Jul 17 05:56:18 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	320949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	484925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	389721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140028	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	173866	64.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.36%	
35) Dibromofluoromethane	7.72	113	167198	59.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.82%	
50) Toluene-d8	10.18	98	626769	60.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.82%	
62) 4-Bromofluorobenzene	12.48	95	169388	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	

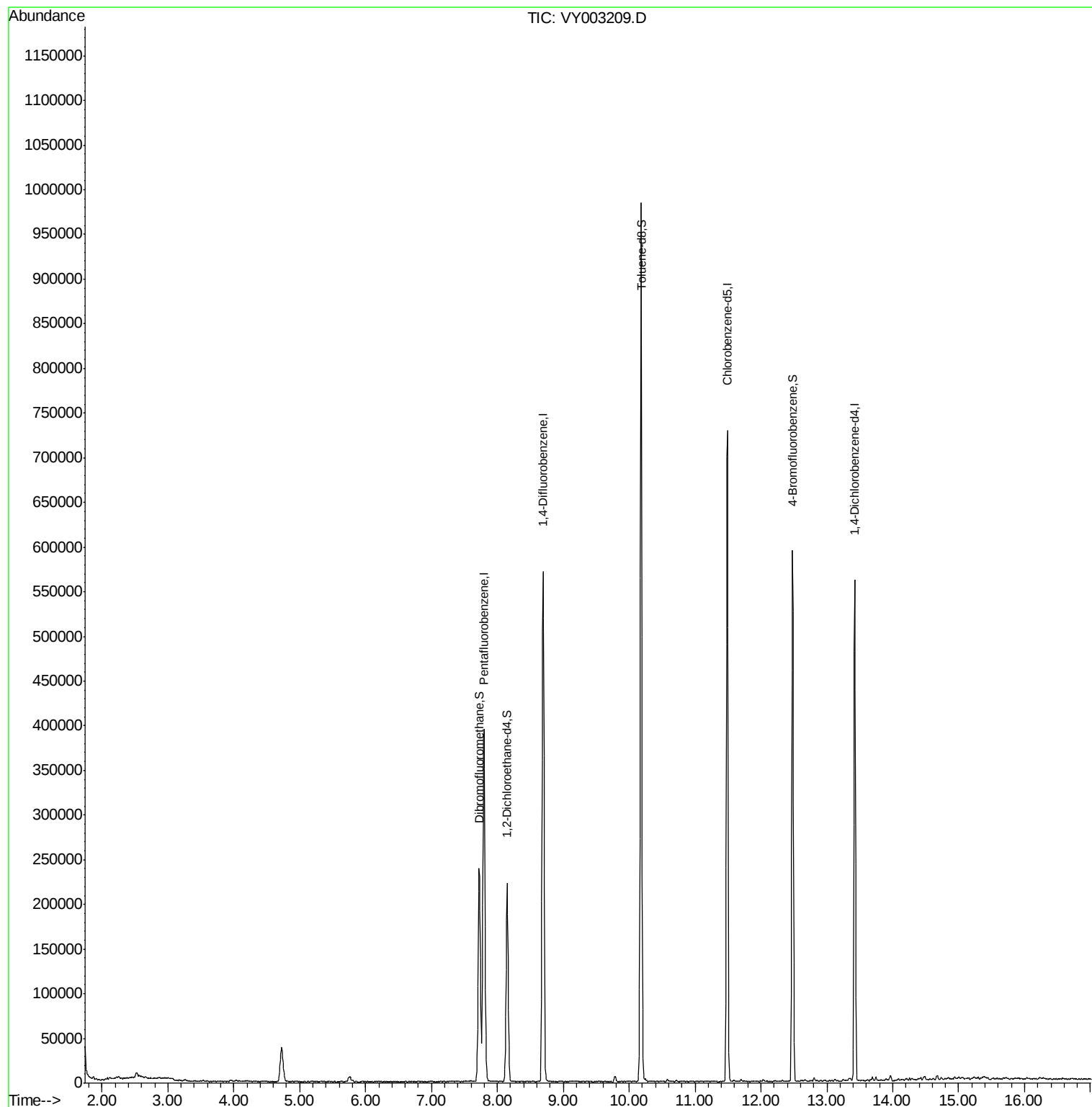
Target Compounds	Qvalue

(#) = 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: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

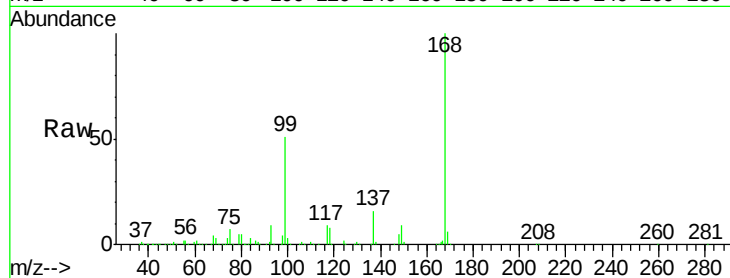
TR-05-071420RE

Tot Ion:168 Resp: 320949

Ion Ratio Lower Upper

168 100

99 51.1 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

150000

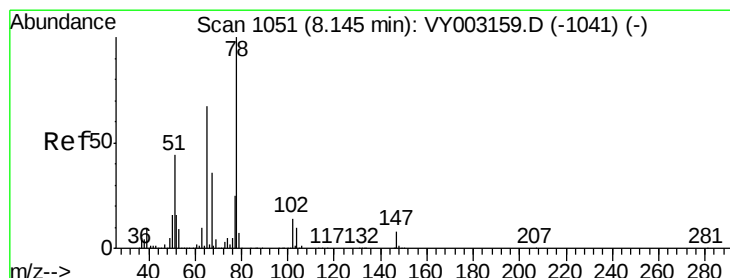
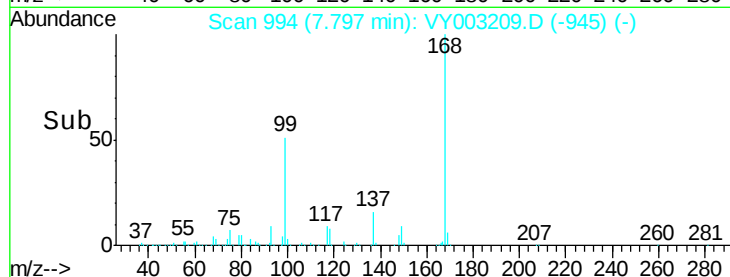
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.183 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003209.D

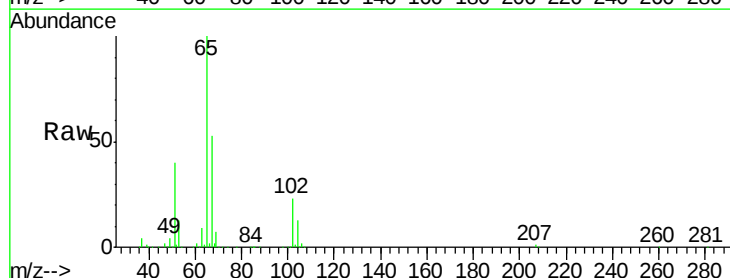
Acq: 16 Jul 2020 15:08

Tgt Ion: 65 Resp: 173866

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003159.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003159.D (-1041) (-)

8.15

80000

60000

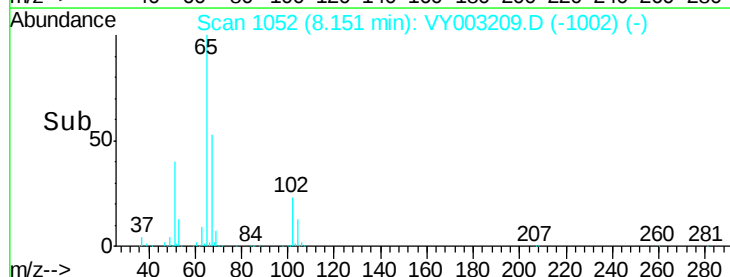
40000

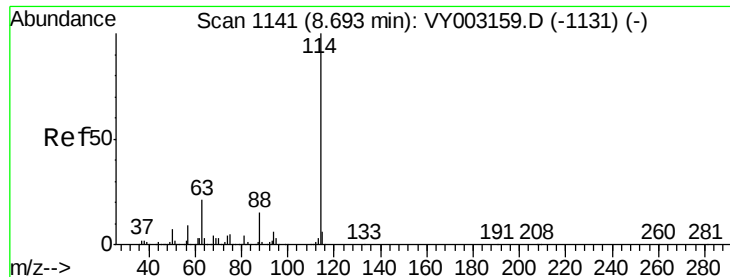
20000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-071420RE

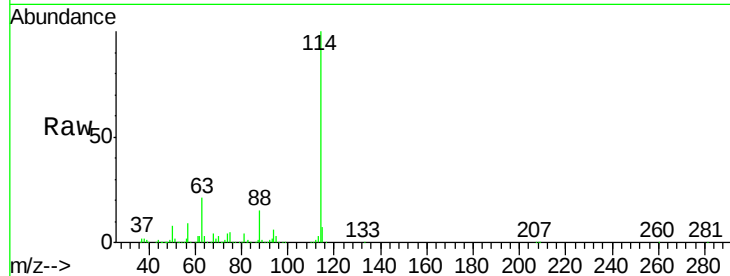
Tot Ion:114 Resp: 484925

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.2

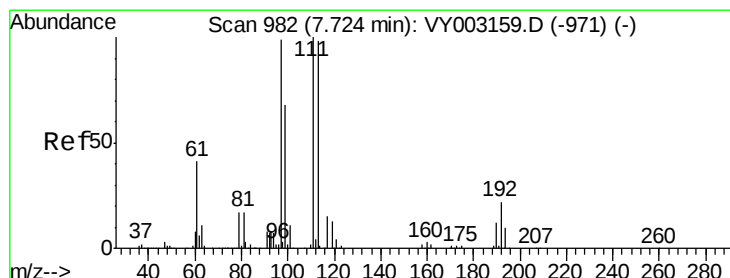
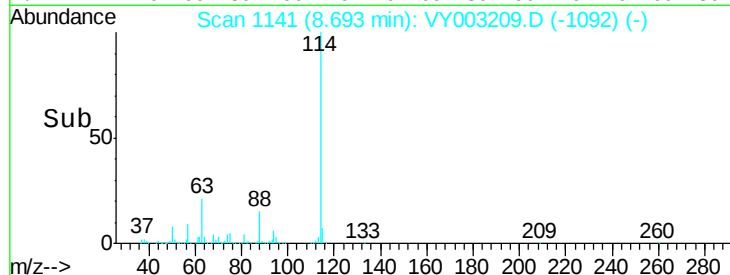
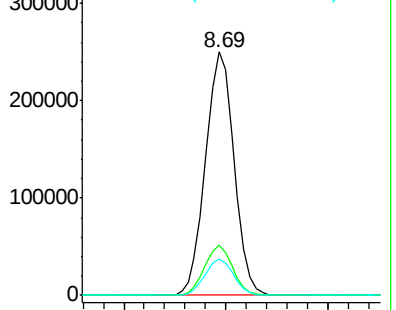
88 14.7 0.0 30.2



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: 59.914 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

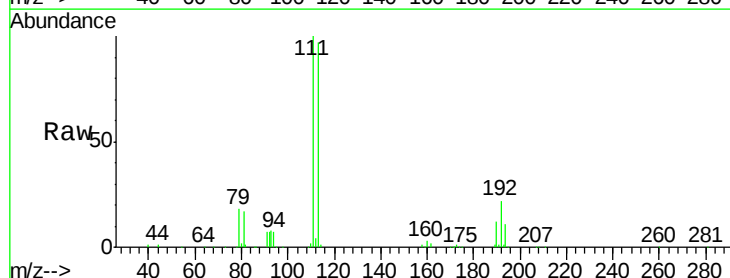
Tgt Ion:113 Resp: 167198

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

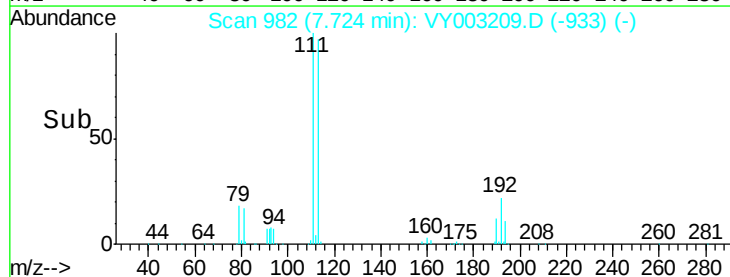
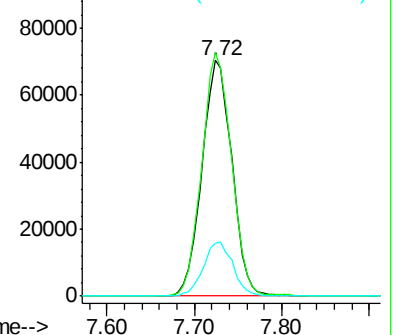
192 22.8 18.8 28.2

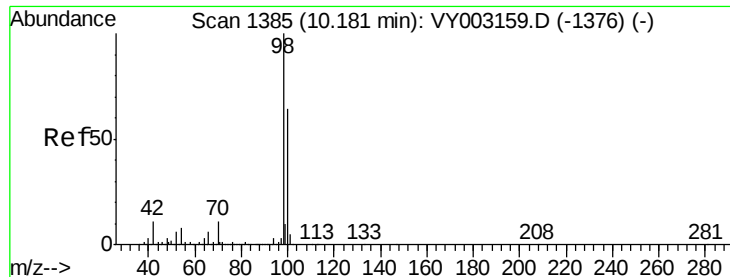


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 60.411 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

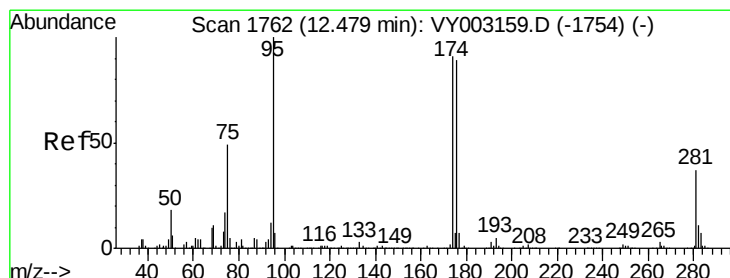
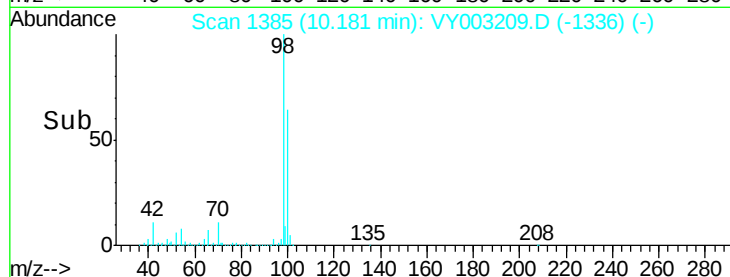
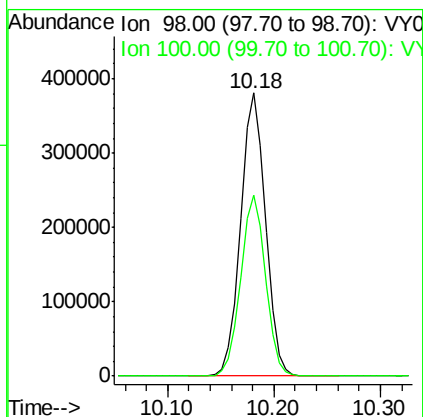
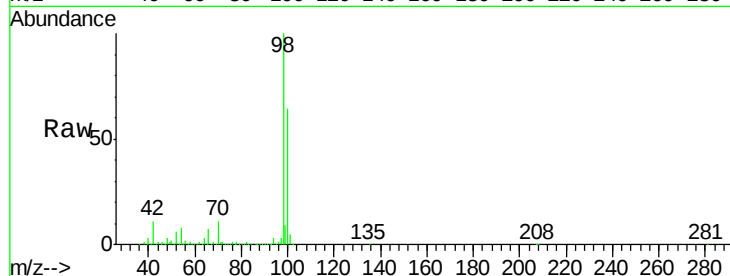
TR-05-071420RE

Tot Ion: 98 Resp: 626769

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 45.193 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003209.D

Acq: 16 Jul 2020 15:08

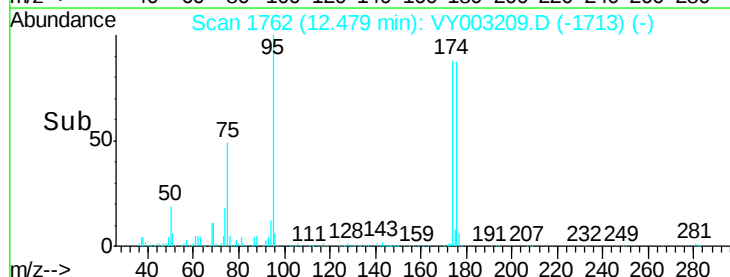
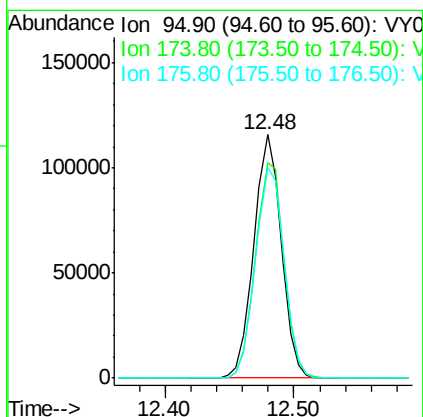
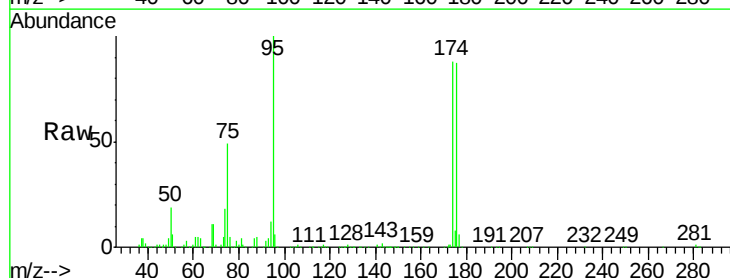
Tgt Ion: 95 Resp: 169388

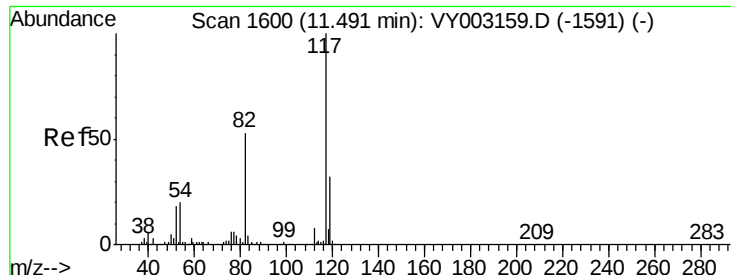
Ion Ratio Lower Upper

95 100

174 92.4 0.0 190.6

176 90.8 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: VY003209.D

Acq: 16 Jul 2020 15:08

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-071420RE

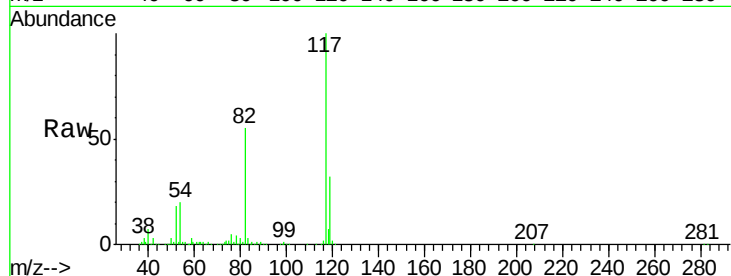
Tot Ion:117 Resp: 389721

Ion Ratio Lower Upper

117 100

82 55.4 42.0 63.0

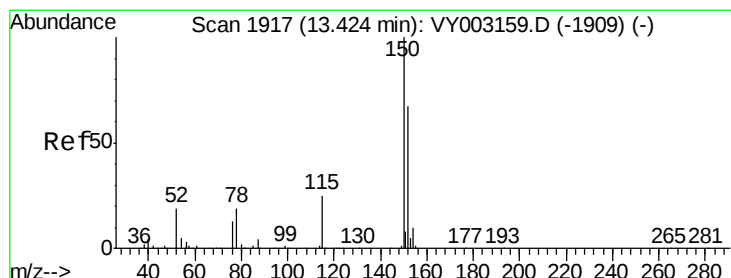
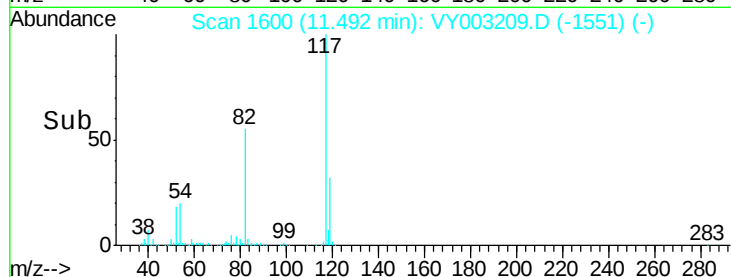
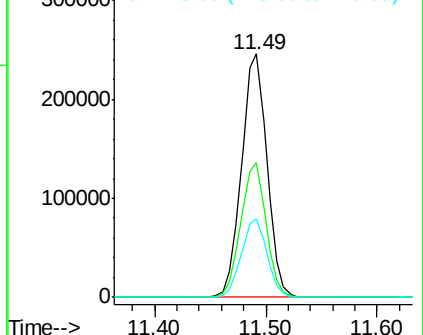
119 32.2 25.5 38.3



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: VY003209.D

Acq: 16 Jul 2020 15:08

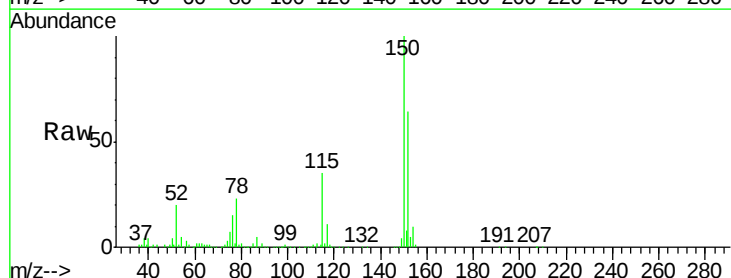
Tgt Ion:152 Resp: 140028

Ion Ratio Lower Upper

152 100

115 54.8 26.9 80.7

150 157.5 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

