

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003237.D
 Acq On : 20 Jul 2020 17:21
 Operator : SY/MD
 Sample : L3308-11RE
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11RE

Quant Time: Jul 21 04:47:11 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	380565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	579079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	493434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	205853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	215886	67.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.42%	
35) Dibromofluoromethane	7.72	113	187260	56.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.38%	
50) Toluene-d8	10.18	98	684452	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
62) 4-Bromofluorobenzene	12.48	95	203172	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	

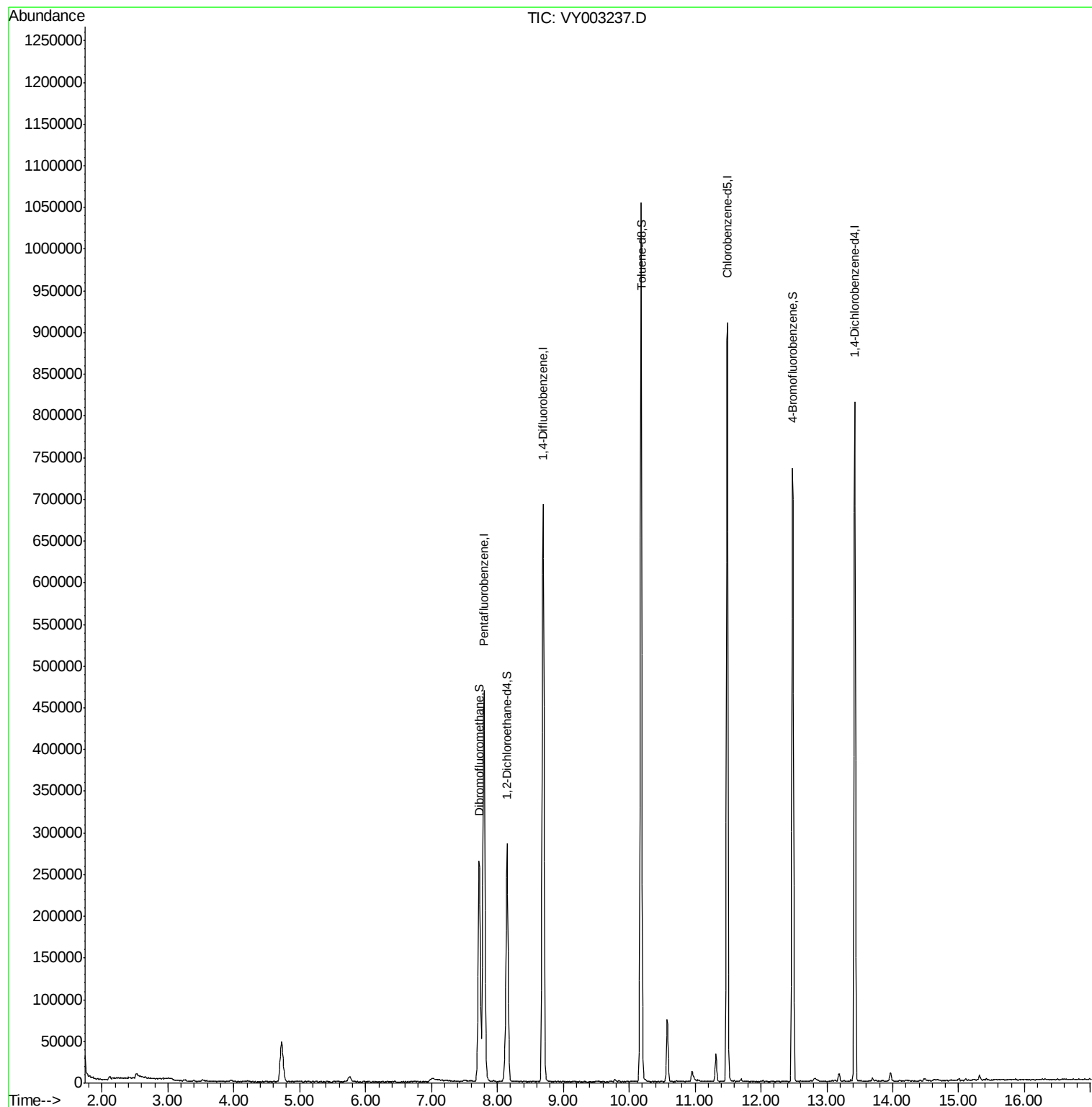
Target Compounds	Qvalue

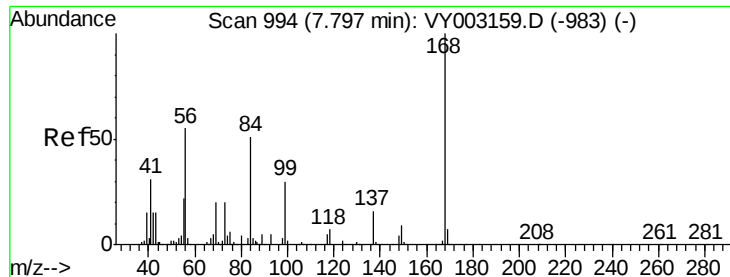
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003237.D

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MSVOA_Y

ClientSampleId :

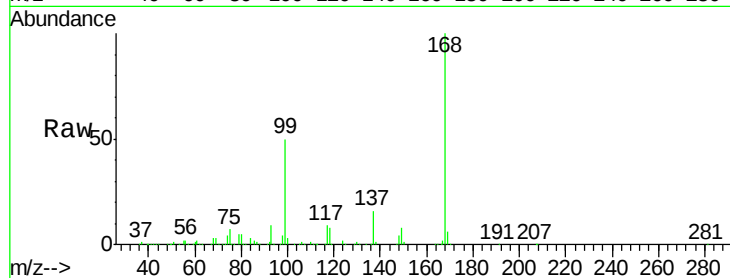
11RE

Tot Ion:168 Resp: 380565

Ion Ratio Lower Upper

168 100

99 49.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003237.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003237.D (-945) (-)

7.80

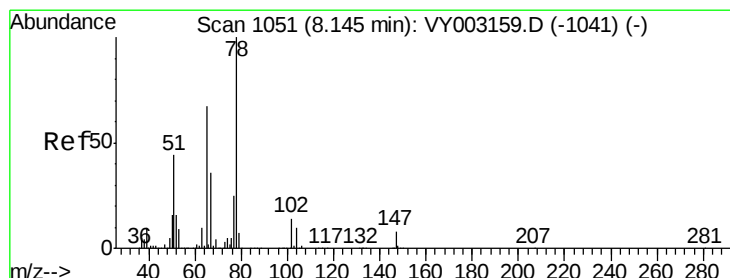
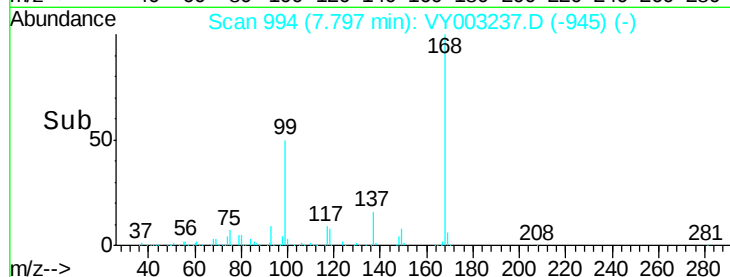
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.210 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003237.D

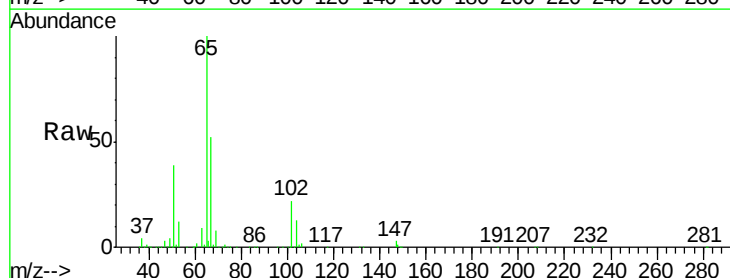
Acq: 20 Jul 2020 17:21

Tgt Ion: 65 Resp: 215886

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY003237.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003237.D (-1002) (-)

8.15

100000

80000

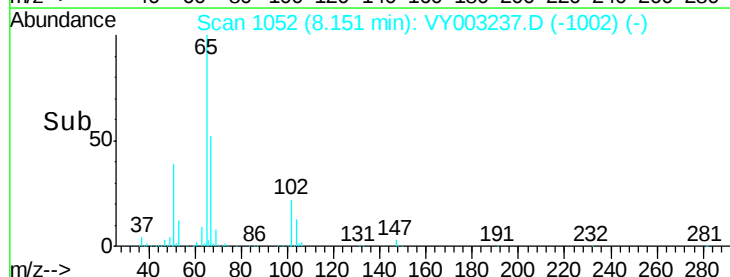
60000

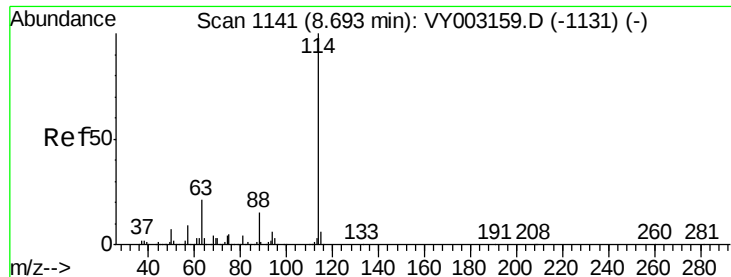
40000

20000

0

Time-->

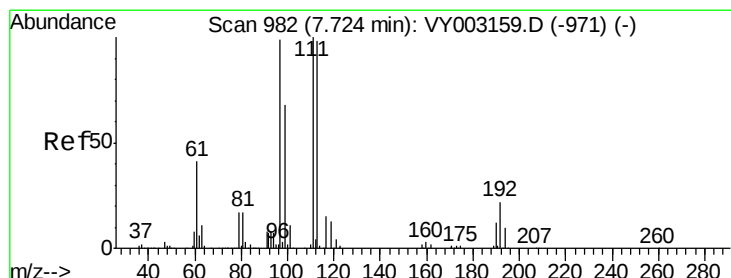
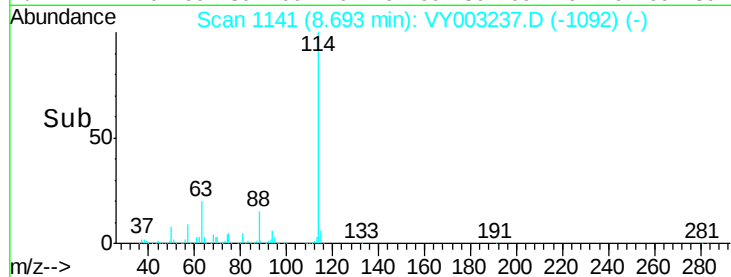
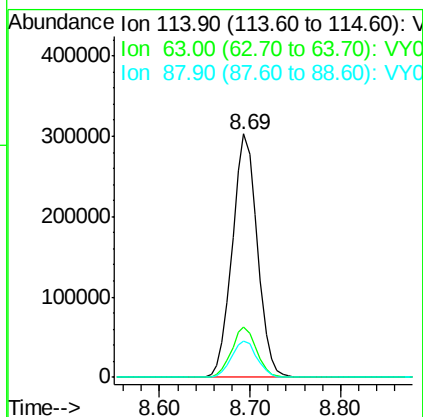
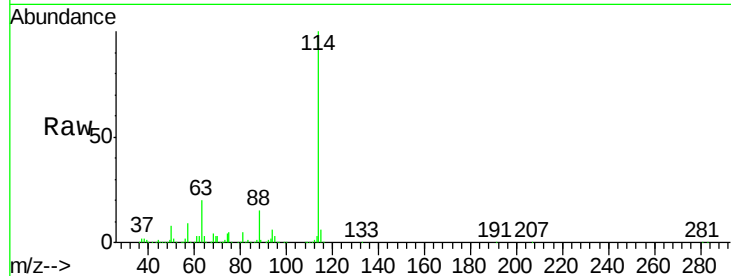




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003237.D
 Acq: 20 Jul 2020 17:21

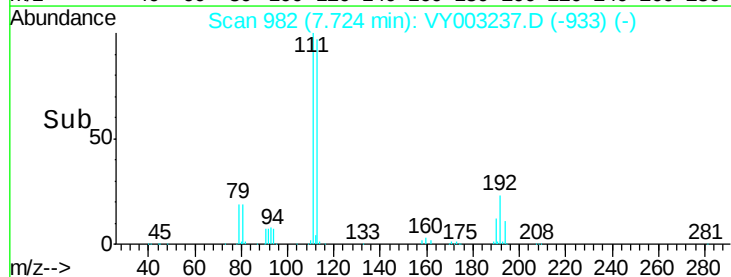
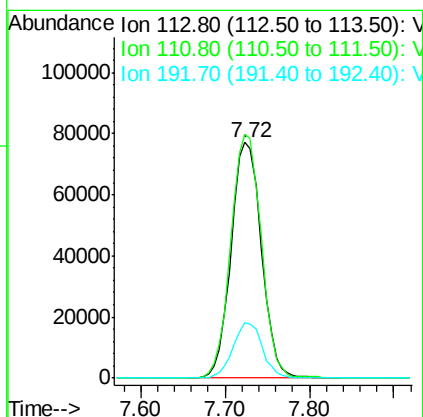
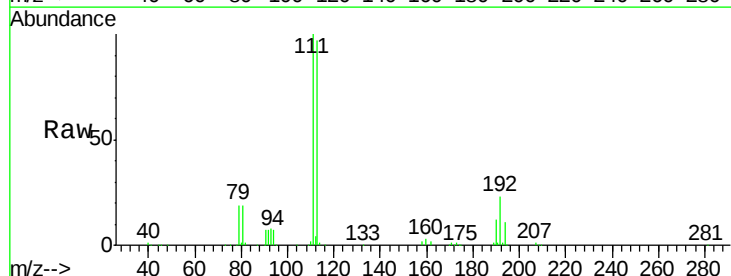
Instrument :
 MSVOA_Y
 ClientSampleId :
 11RE

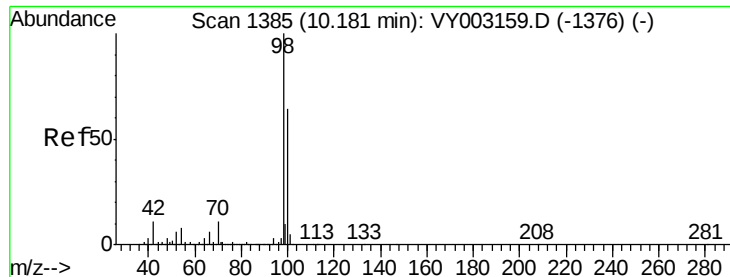
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.2
88	15.1	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 56.193 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003237.D
 Acq: 20 Jul 2020 17:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	22.7	18.8	28.2





#50

Toluene-d8

Concen: 55.244 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003237.D

Acq: 20 Jul 2020 17:21

Instrument :

MSVOA_Y

ClientSampleId :

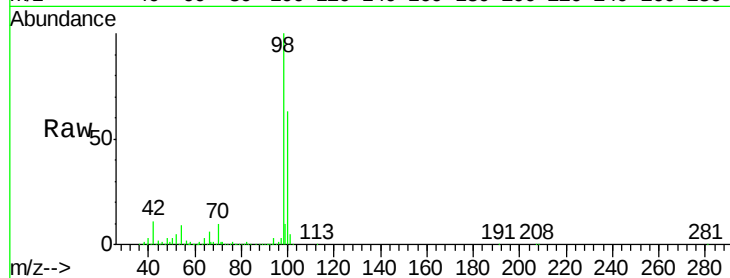
11RE

Tot Ion: 98 Resp: 684452

Ion Ratio Lower Upper

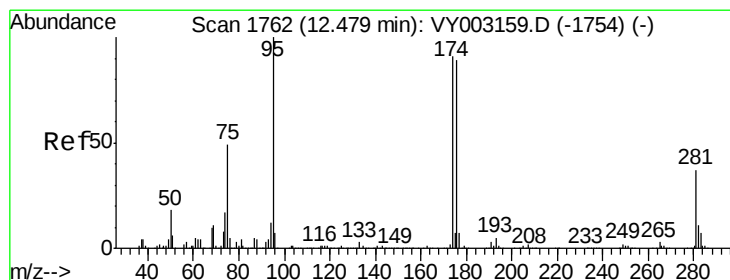
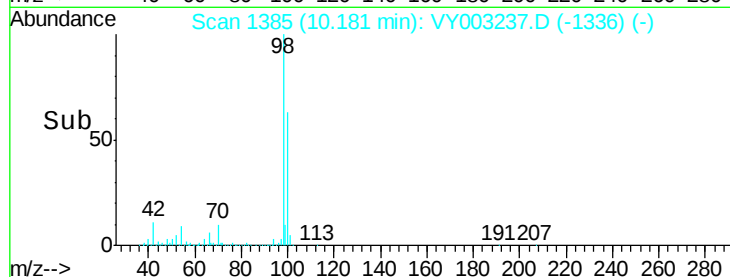
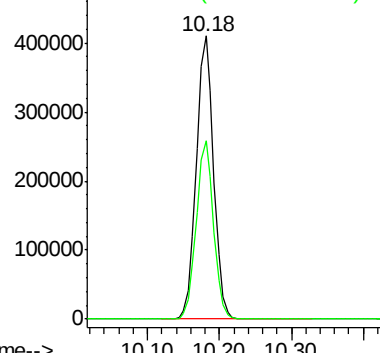
98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 45.393 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003237.D

Acq: 20 Jul 2020 17:21

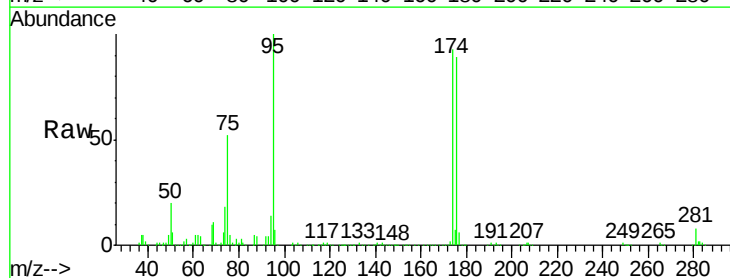
Tgt Ion: 95 Resp: 203172

Ion Ratio Lower Upper

95 100

174 95.3 0.0 190.6

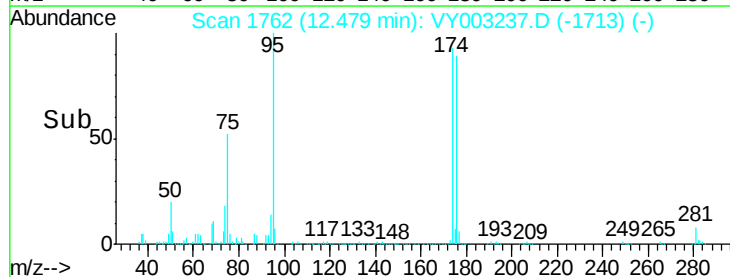
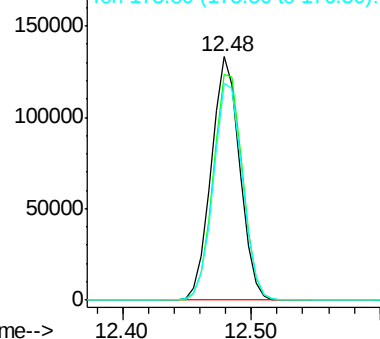
176 91.4 0.0 186.4

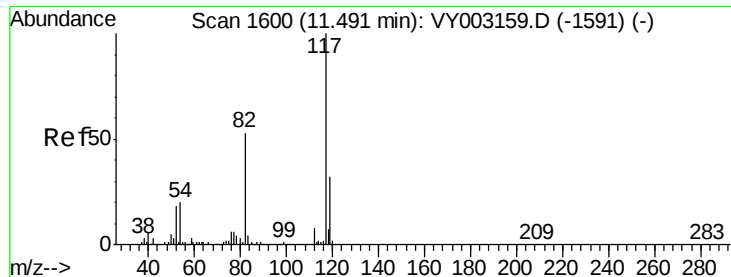


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003237.D

Acq: 20 Jul 2020 17:21

Instrument :

MSVOA_Y

ClientSampleId :

11RE

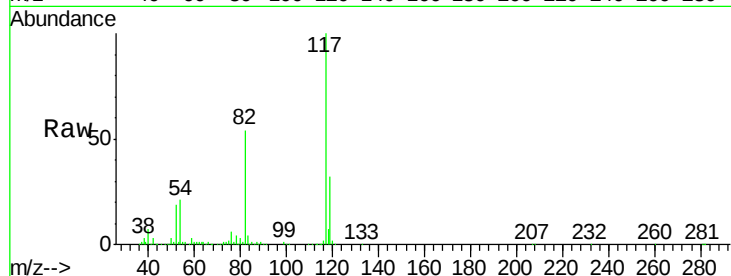
Tot Ion:117 Resp: 493434

Ion Ratio Lower Upper

117 100

82 53.6 42.0 63.0

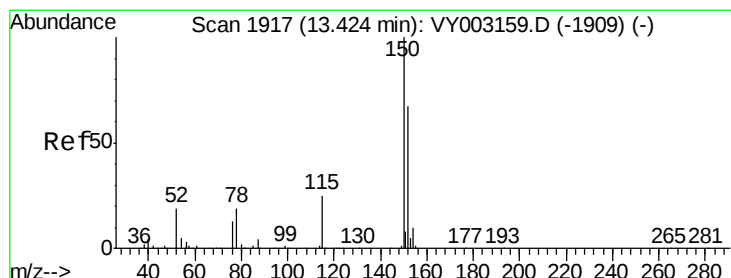
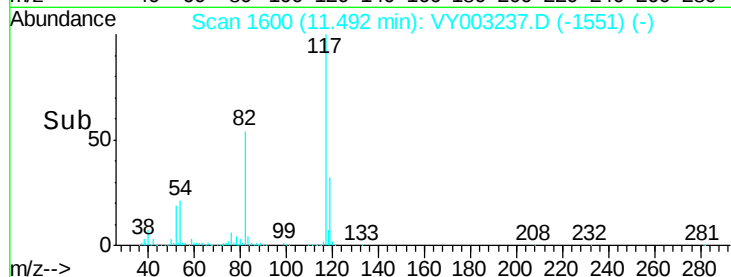
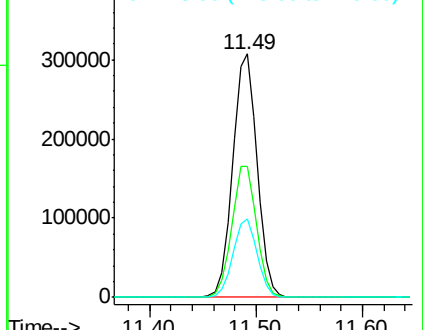
119 32.0 25.5 38.3



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: VY003237.D

Acq: 20 Jul 2020 17:21

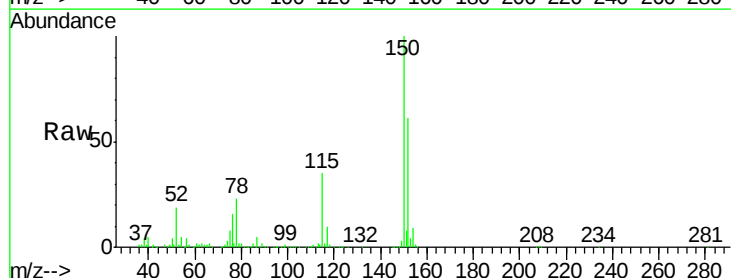
Tgt Ion:152 Resp: 205853

Ion Ratio Lower Upper

152 100

115 55.1 26.9 80.7

150 158.0 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

