

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003265.D
 Acq On : 21 Jul 2020 21:39
 Operator : SY/MD
 Sample : L3324-02
 Misc : 6.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB47198RT

Quant Time: Jul 22 04:07:46 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	401512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	622074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	547852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	204621	60.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.76%	
35) Dibromofluoromethane	7.72	113	198422	55.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.86%	
50) Toluene-d8	10.18	98	751530	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
62) 4-Bromofluorobenzene	12.48	95	219400	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	

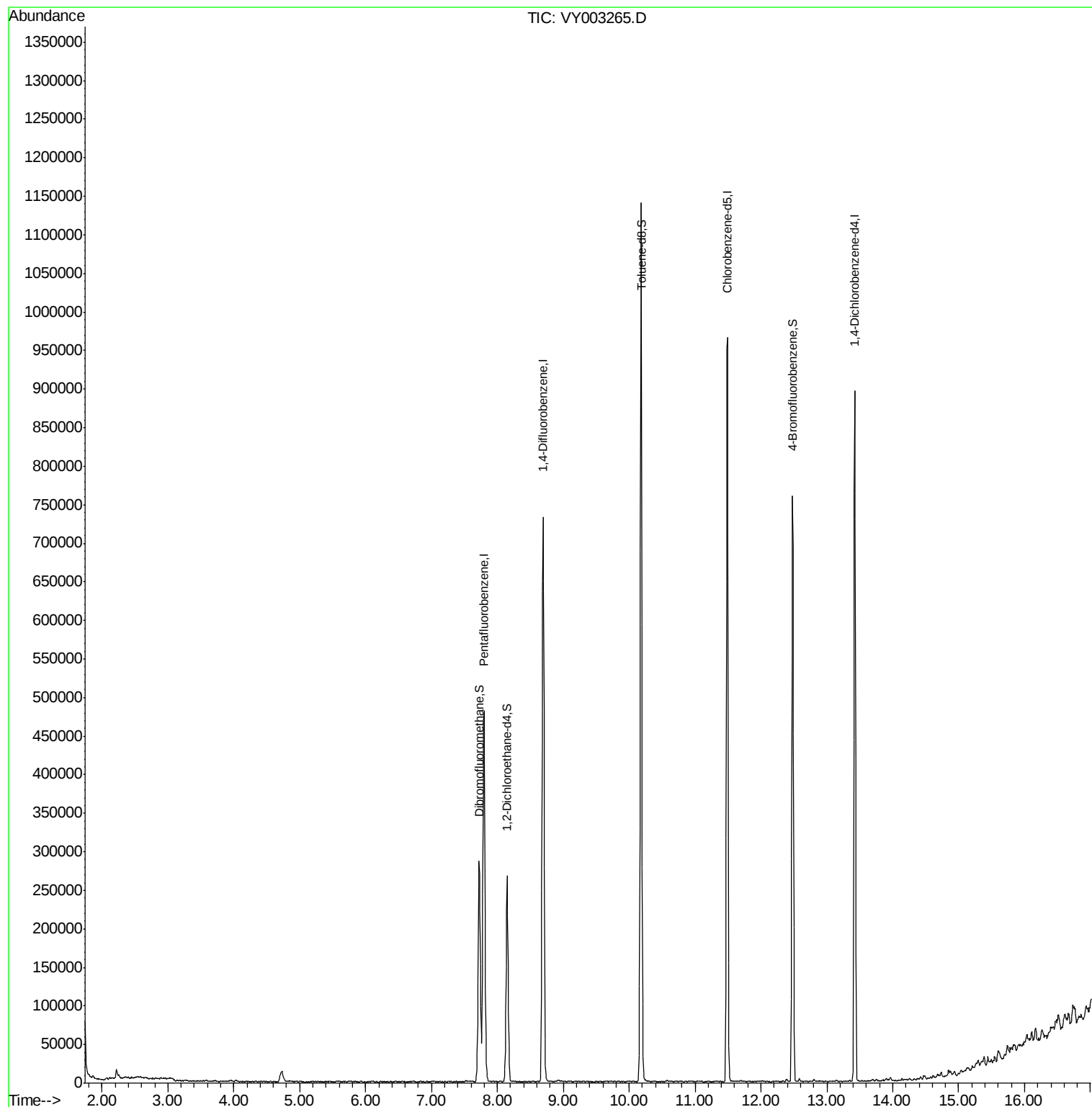
Target Compounds	Qvalue
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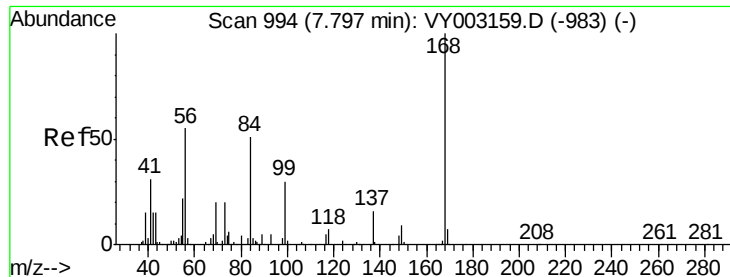
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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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: VY003265.D

Acq: 21 Jul 2020 21:39

Instrument :

MSVOA_Y

ClientSampleId :

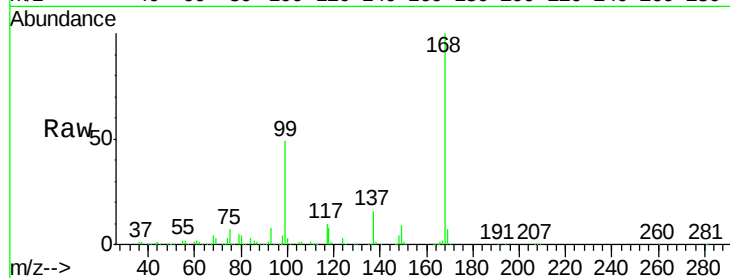
RB47198RT

Tot Ion:168 Resp: 401512

Ion Ratio Lower Upper

168 100

99 48.9 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

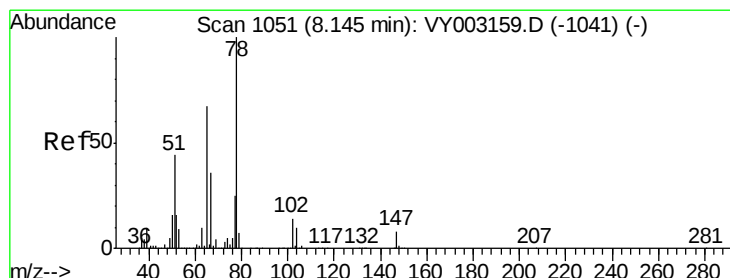
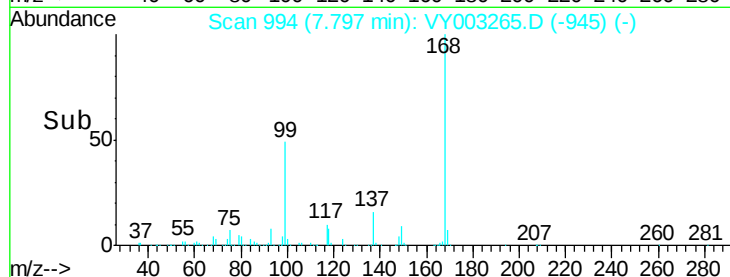
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.380 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003265.D

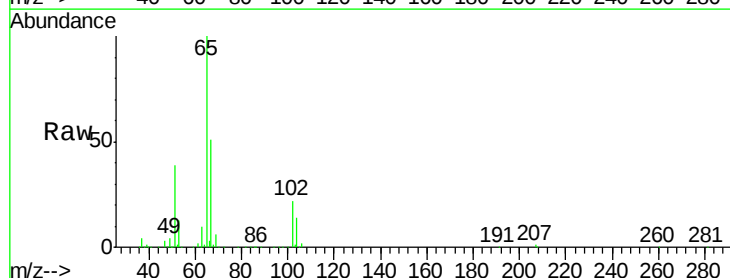
Acq: 21 Jul 2020 21:39

Tgt Ion: 65 Resp: 204621

Ion Ratio Lower Upper

65 100

67 53.2 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) (-)

8.14

100000

80000

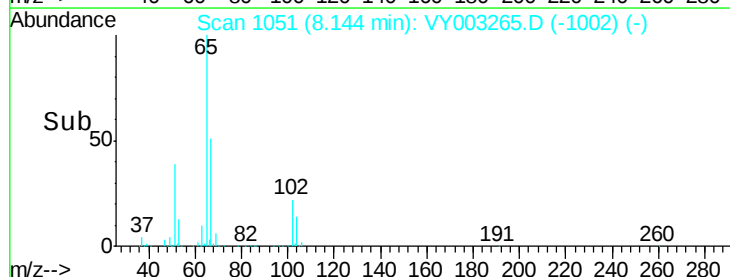
60000

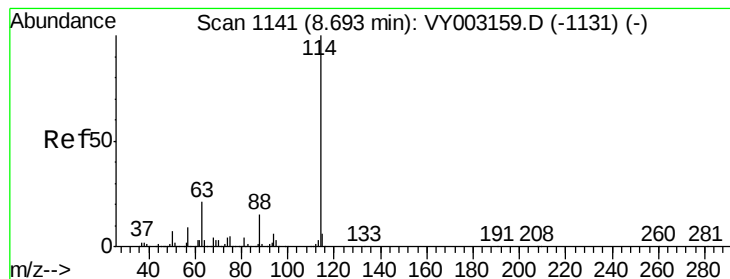
40000

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: VY003265.D

Acq: 21 Jul 2020 21:39

Instrument :

MSVOA_Y

ClientSampleId :

RB47198RT

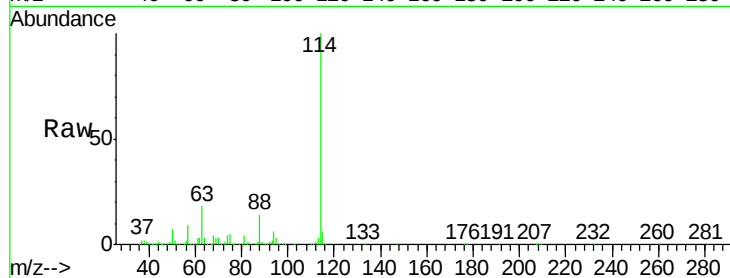
Tot Ion:114 Resp: 622074

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.2

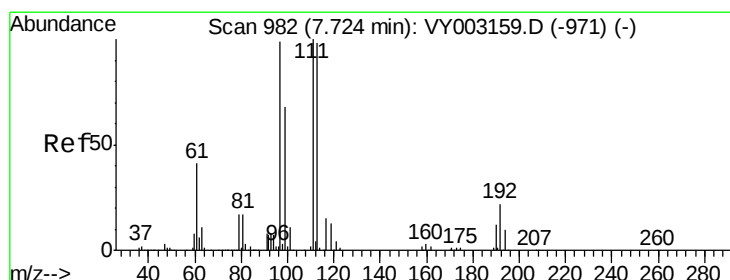
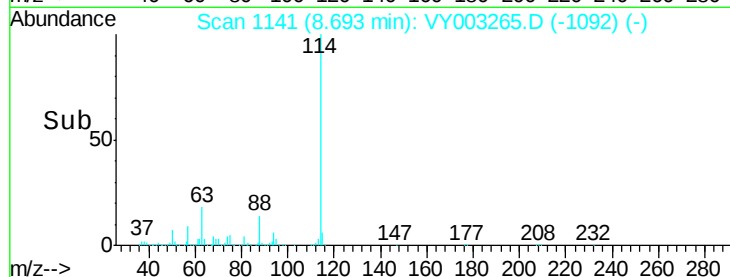
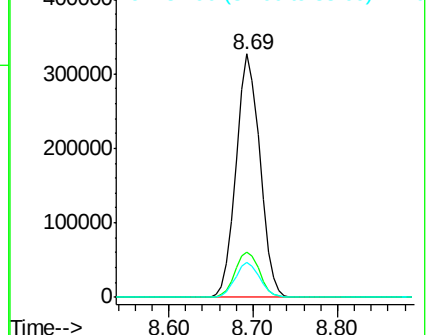
88 14.4 0.0 30.2



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: 55.427 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003265.D

Acq: 21 Jul 2020 21:39

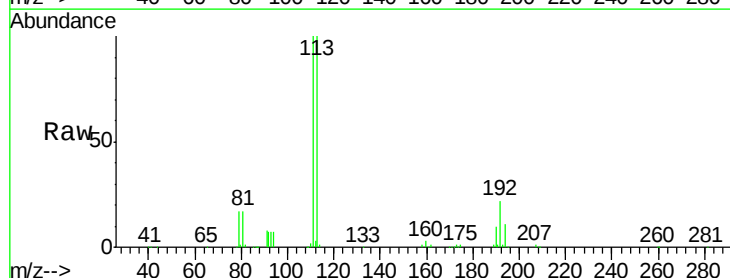
Tgt Ion:113 Resp: 198422

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

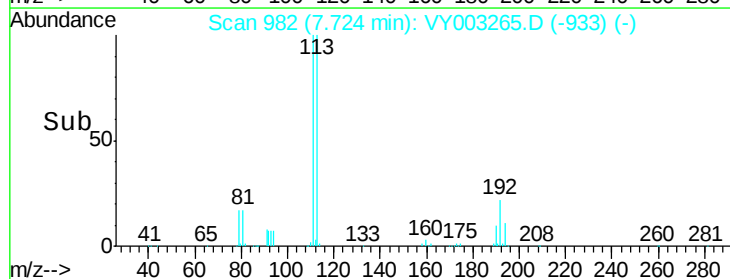
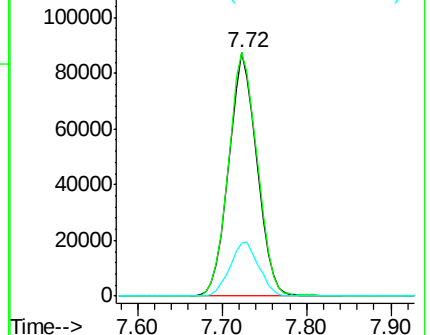
192 22.9 18.8 28.2

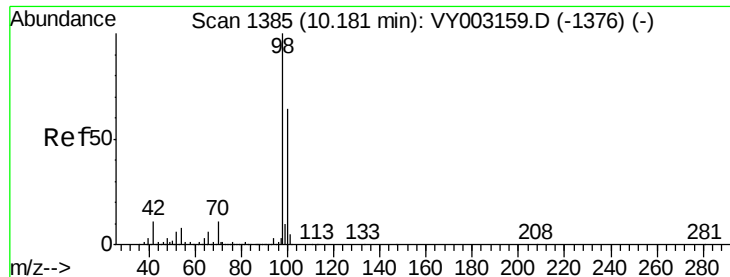


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 56.466 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003265.D

Acq: 21 Jul 2020 21:39

Instrument :

MSVOA_Y

ClientSampleId :

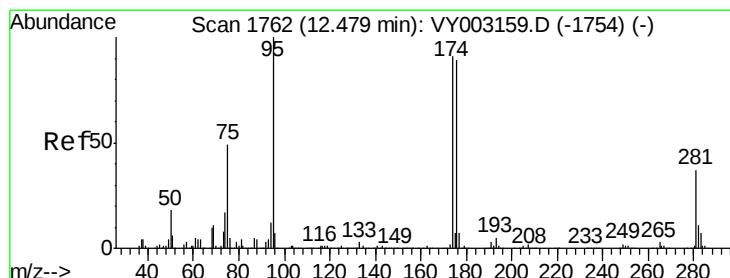
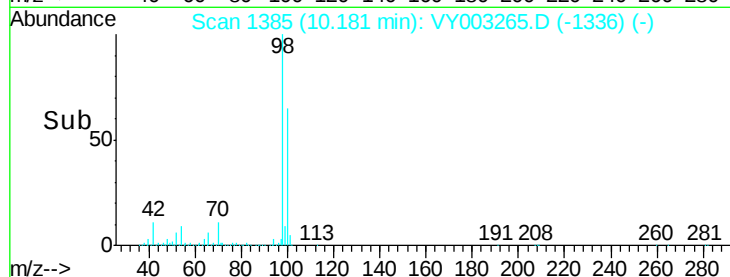
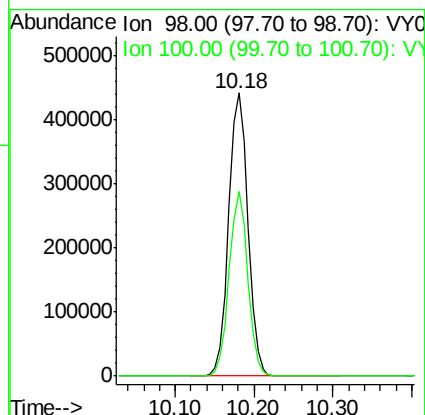
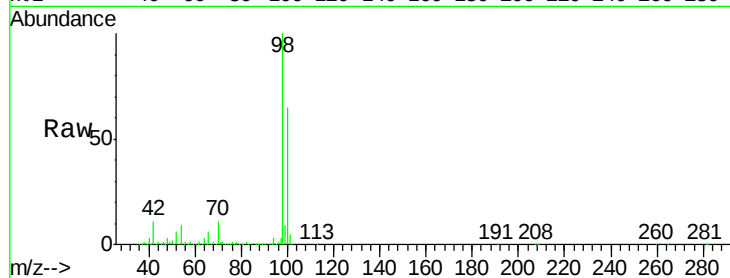
RB47198RT

Tot Ion: 98 Resp: 751530

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 45.631 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003265.D

Acq: 21 Jul 2020 21:39

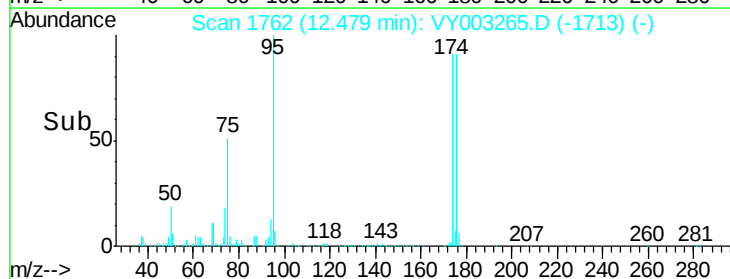
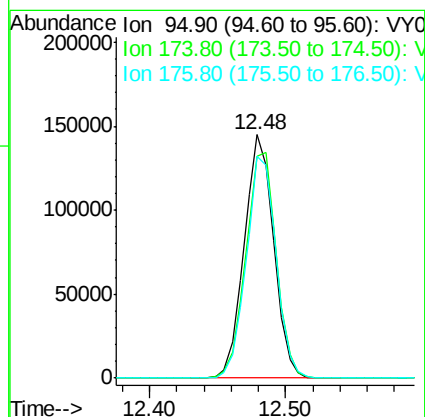
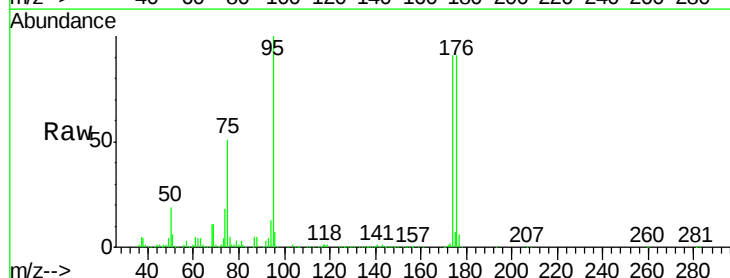
Tgt Ion: 95 Resp: 219400

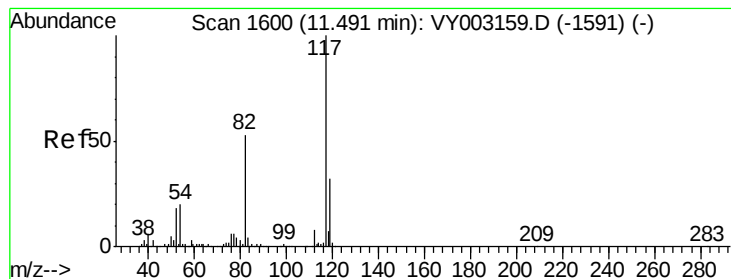
Ion Ratio Lower Upper

95 100

174 96.0 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: VY003265.D

Acq: 21 Jul 2020 21:39

Instrument :

MSVOA_Y

ClientSampleId :

RB47198RT

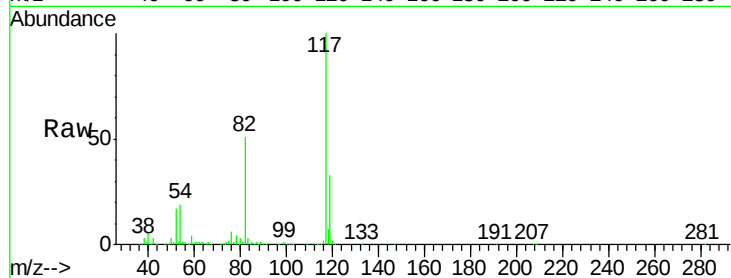
Tot Ion:117 Resp: 547852

Ion Ratio Lower Upper

117 100

82 51.4 42.0 63.0

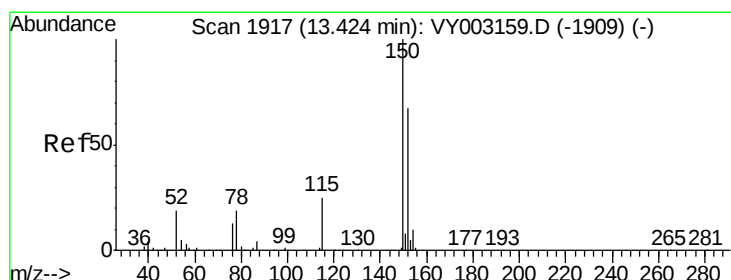
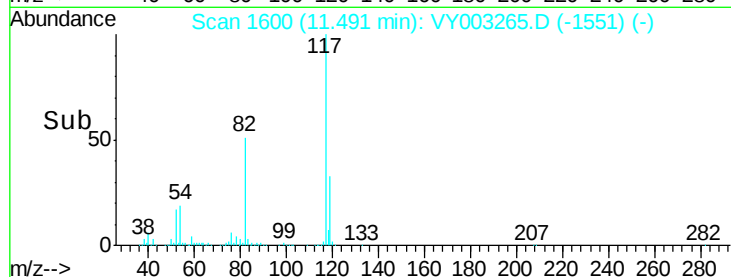
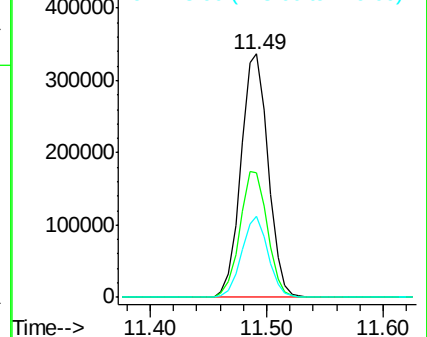
119 33.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VY003265.D

Acq: 21 Jul 2020 21:39

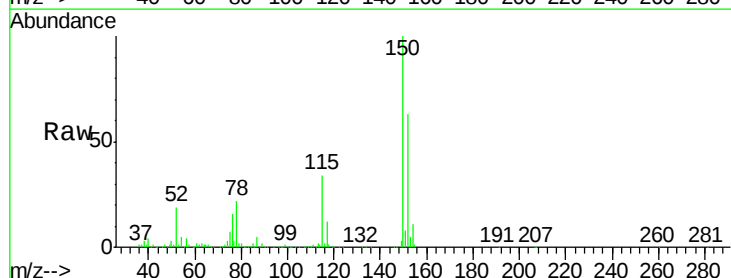
Tgt Ion:152 Resp: 232066

Ion Ratio Lower Upper

152 100

115 54.6 26.9 80.7

150 157.1 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

