

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072320\
 Data File : VY003324.D
 Acq On : 23 Jul 2020 18:22
 Operator : SY/MD
 Sample : L3382-05
 Misc : 7.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-020

Quant Time: Jul 24 06:23:30 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

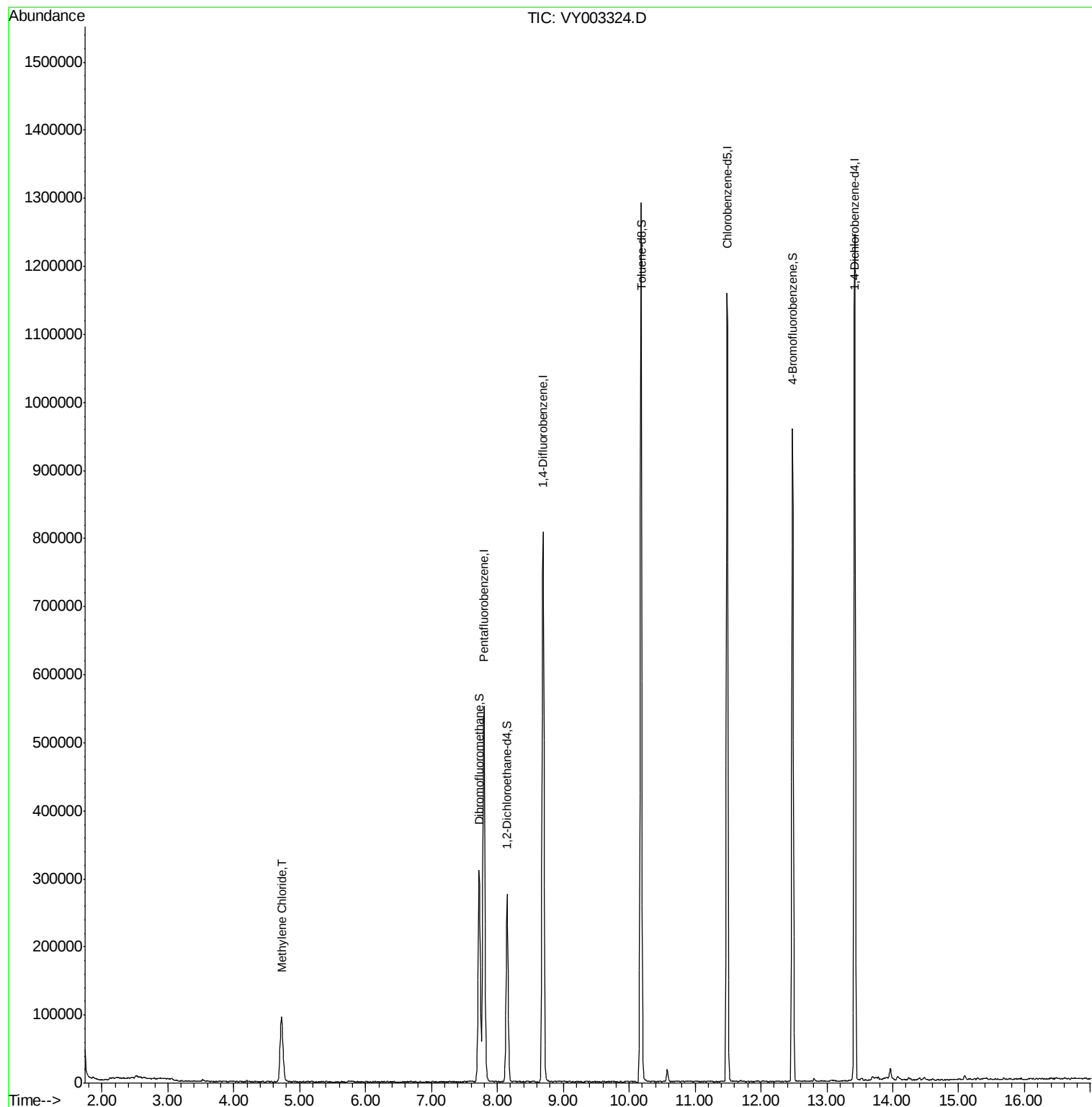
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	462055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	704053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	655807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	324308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	217078	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.72	113	217968	53.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.60%	
50) Toluene-d8	10.18	98	850492	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
62) 4-Bromofluorobenzene	12.48	95	276265	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
Target Compounds						
20) Methylene Chloride	4.72	84	76367	13.401	ug/l	Qvalue 94

(#) = 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: VY003324.D

Acq: 23 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

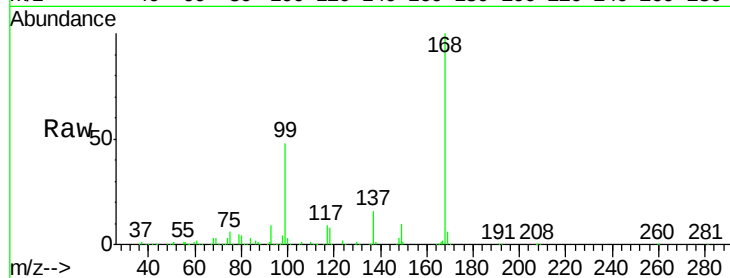
CTR-020

Tot Ion:168 Resp: 462055

Ion Ratio Lower Upper

168 100

99 47.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003324.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003324.D (-945) (-)

7.80

200000

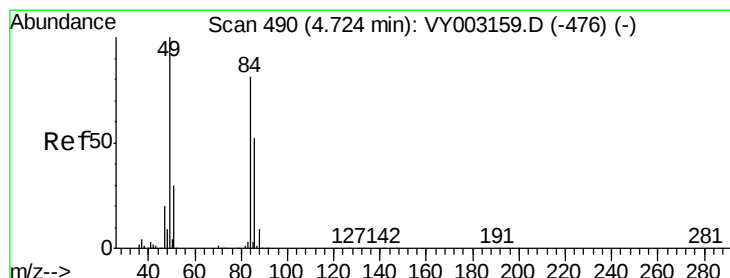
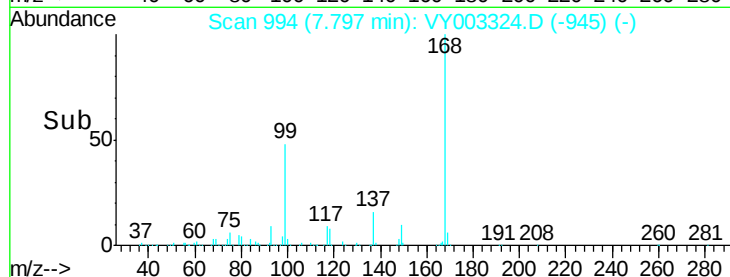
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 13.401 ug/l

RT: 4.72 min Scan# 489

Delta R.T. -0.01 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

Tgt Ion: 84 Resp: 76367

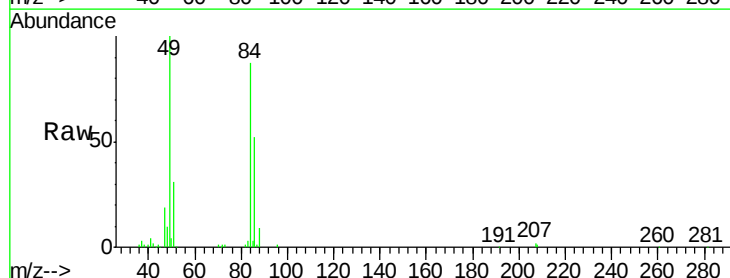
Ion Ratio Lower Upper

84 100

49 115.0 98.2 147.4

51 35.1 29.8 44.6

86 60.2 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003324.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003324.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003324.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003324.D (-441) (-)

4.72

40000

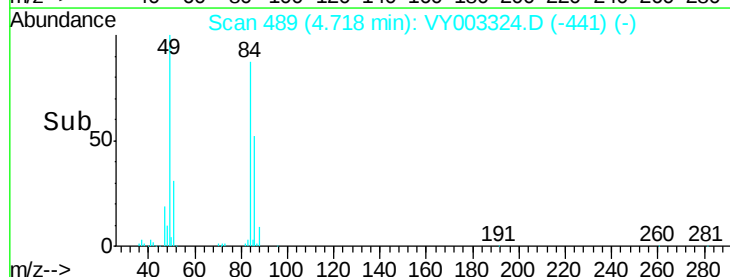
30000

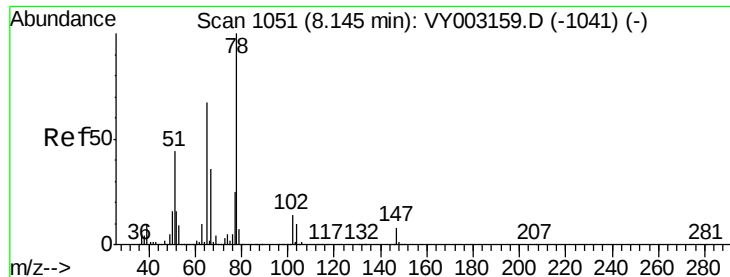
20000

10000

0

Time-->

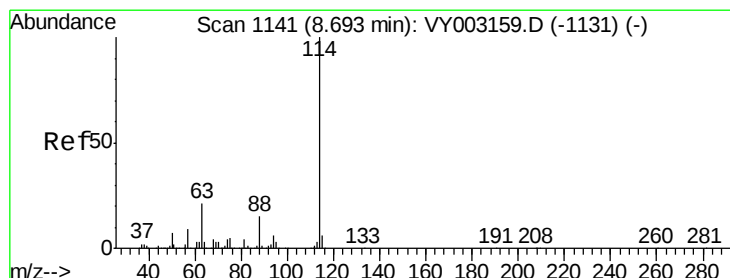
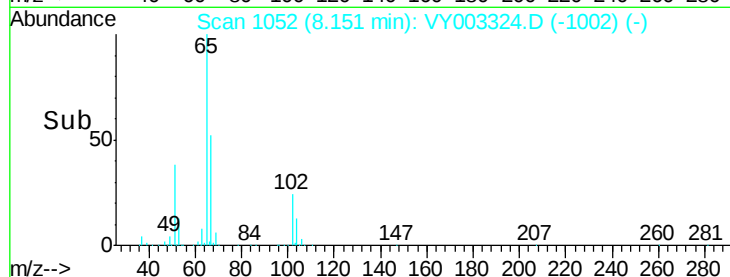
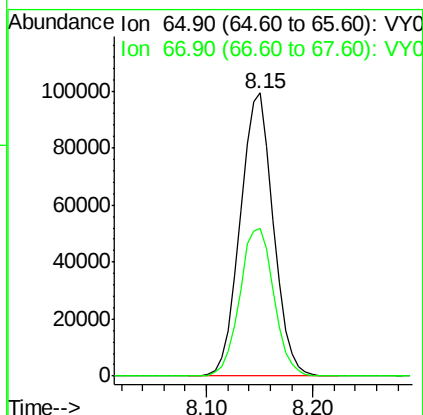
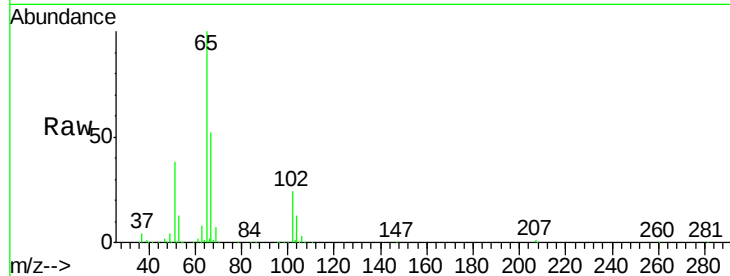




#33
 1,2-Dichloroethane-d4
 Concen: 55.662 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

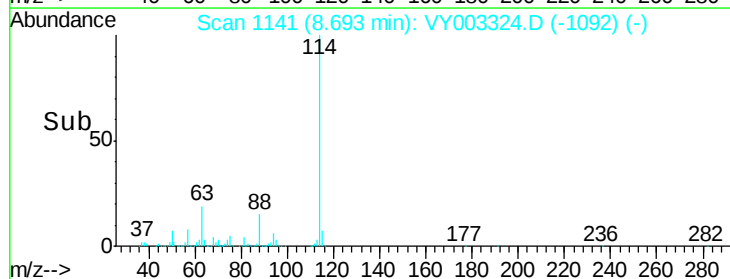
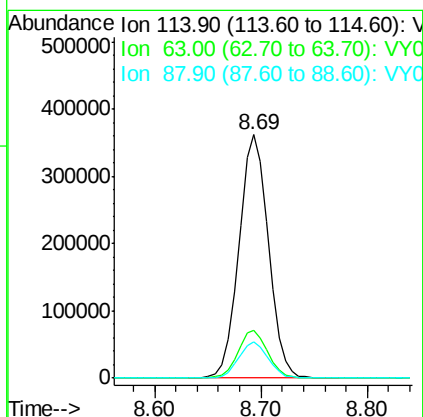
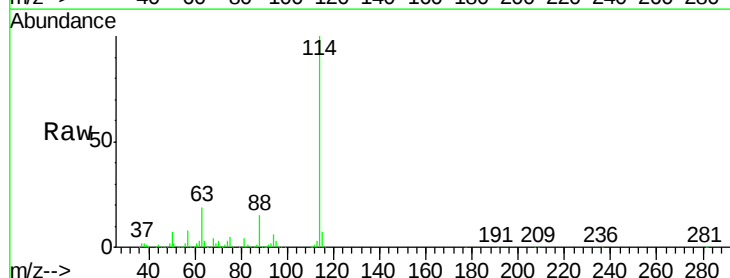
Instrument :
 MSVOA_Y
 ClientSampled :
 CTR-020

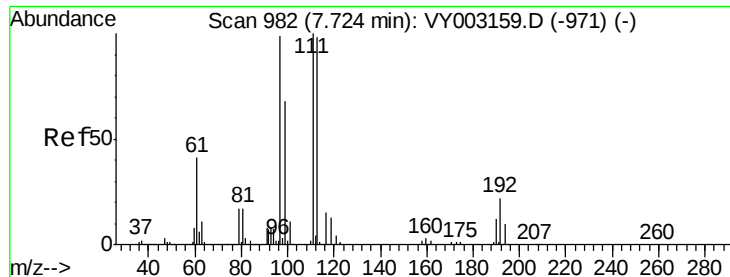
Tot Ion: 65 Resp: 217078
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

Tgt Ion: 114 Resp: 704053
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.2
 88 14.9 0.0 30.2

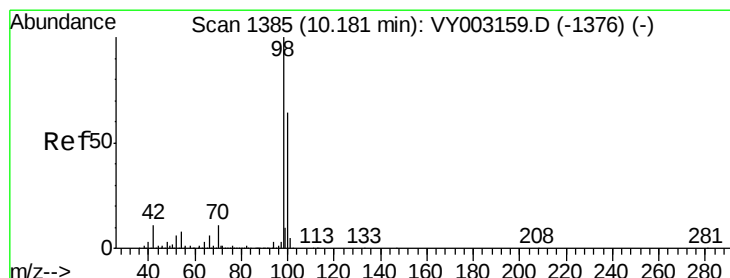
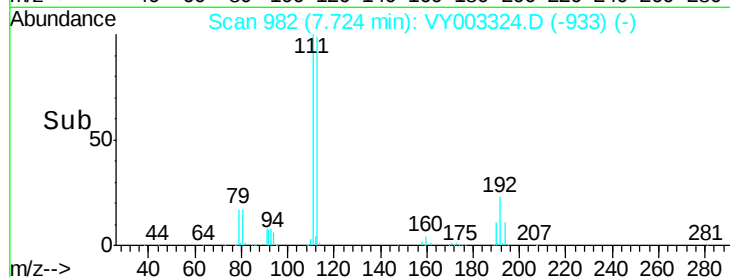
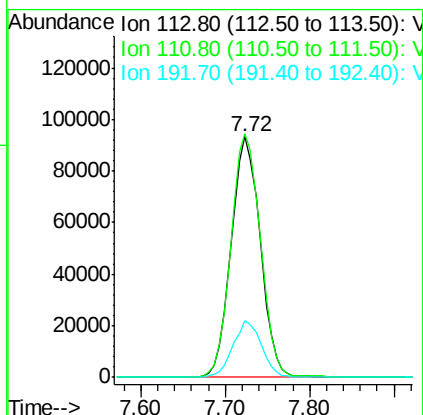
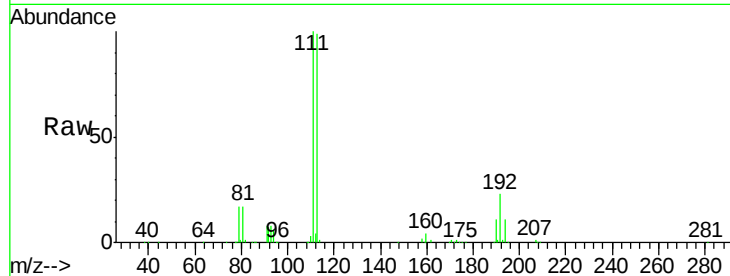




#35
 Dibromofluoromethane
 Concen: 53.797 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

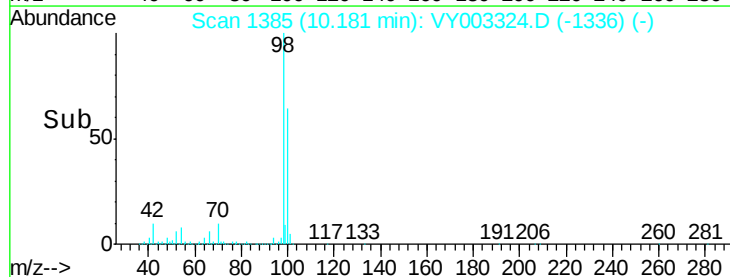
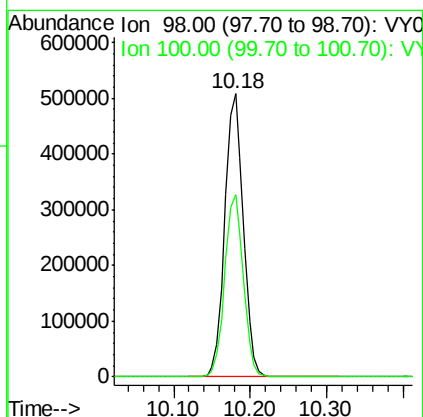
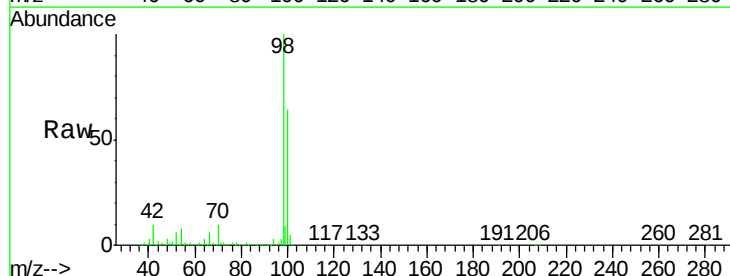
Instrument :
 MSVOA_Y
 ClientSampleId :
 CTR-020

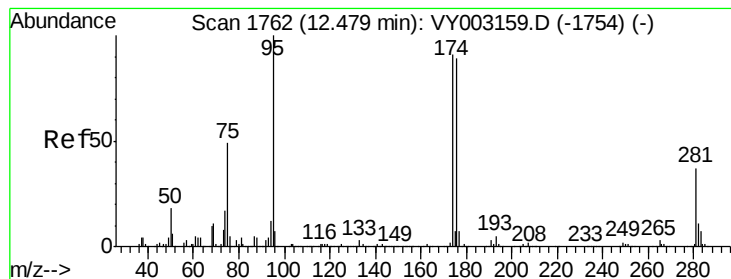
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	23.2	18.8	28.2



#50
 Toluene-d8
 Concen: 56.461 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003324.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 50.767 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

CTR-020

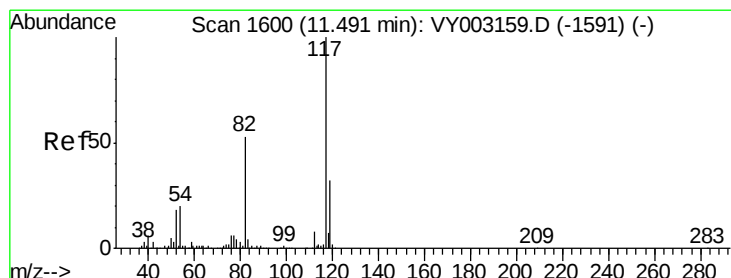
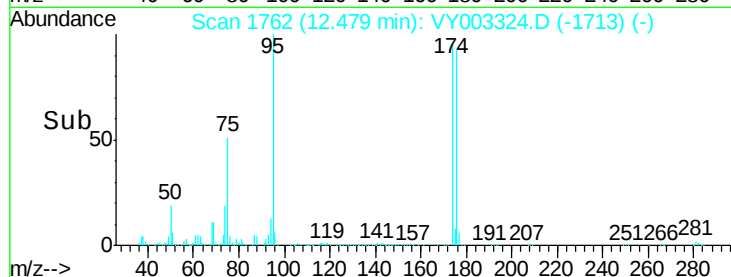
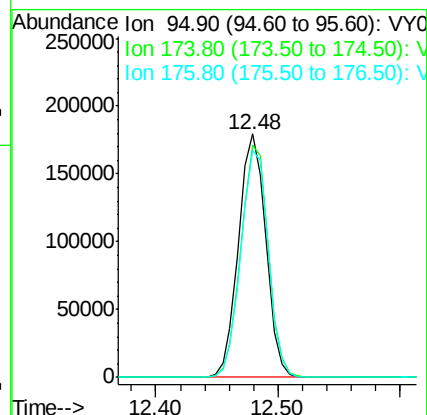
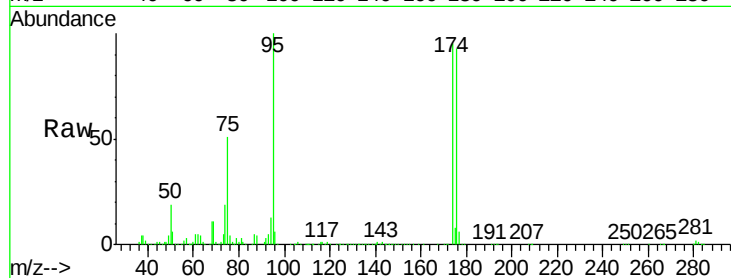
Tot Ion: 95 Resp: 276265

Ion Ratio Lower Upper

95 100

174 95.8 0.0 190.6

176 93.7 0.0 186.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

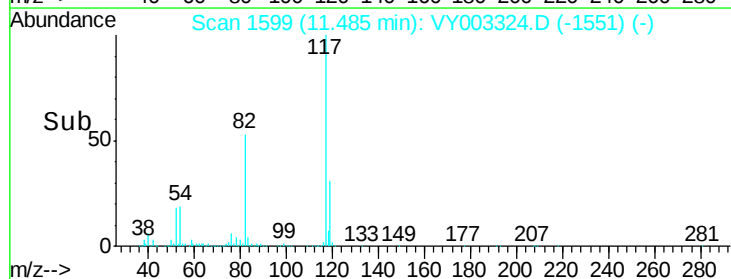
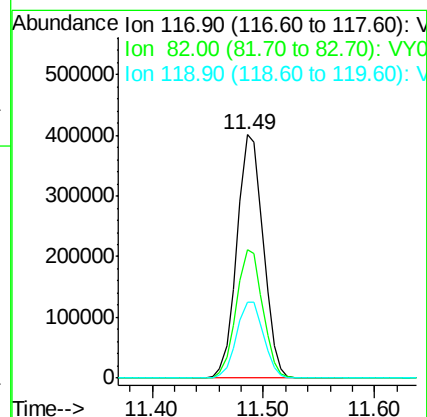
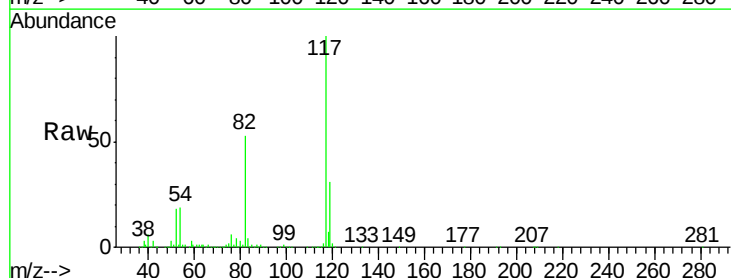
Tgt Ion: 117 Resp: 655807

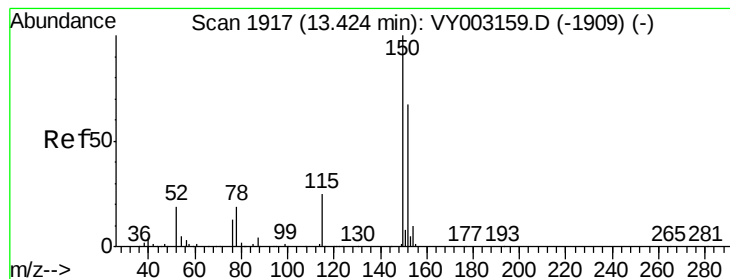
Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003324.D

Acq: 23 Jul 2020 18:22

Instrument :

MSVOA_Y

ClientSampleId :

CTR-020

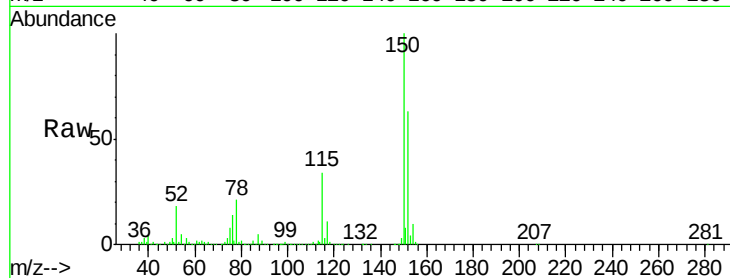
Tot Ion:152 Resp: 324308

Ion Ratio Lower Upper

152 100

115 54.5 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

