

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003248.D
 Acq On : 20 Jul 2020 21:34
 Operator : SY/MD
 Sample : L3308-22
 Misc : 5.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22

Quant Time: Jul 21 05:44:27 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

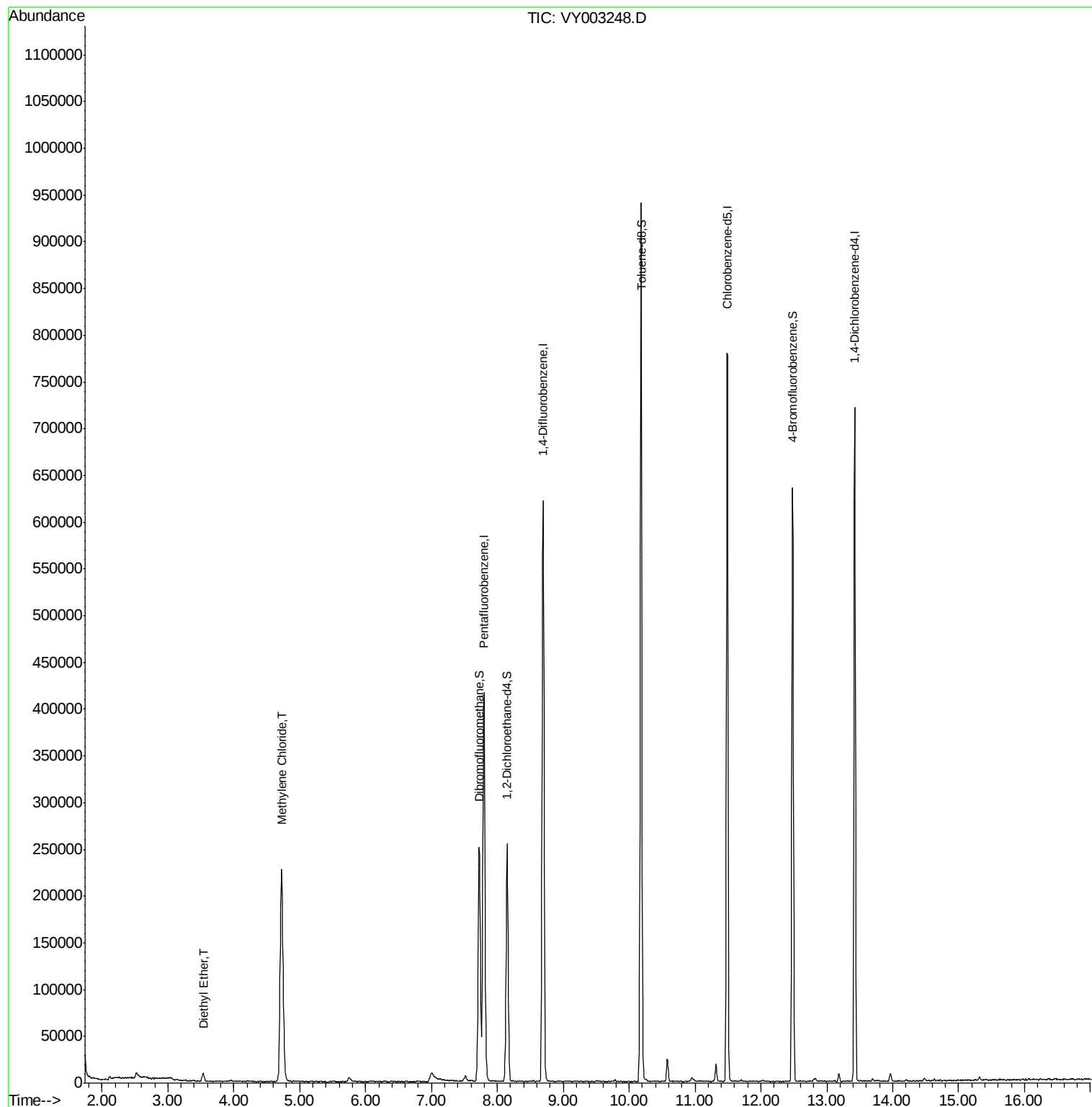
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	342733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	522235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	426548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	199586	68.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.98%	
35) Dibromofluoromethane	7.72	113	175498	58.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.80%	
50) Toluene-d8	10.18	98	607435	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.48	95	176074	43.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.24%	
Target Compounds						
8) Diethyl Ether	3.54	74	4651	2.780	ug/l	75
20) Methylene Chloride	4.73	84	173277	53.705	ug/l	98

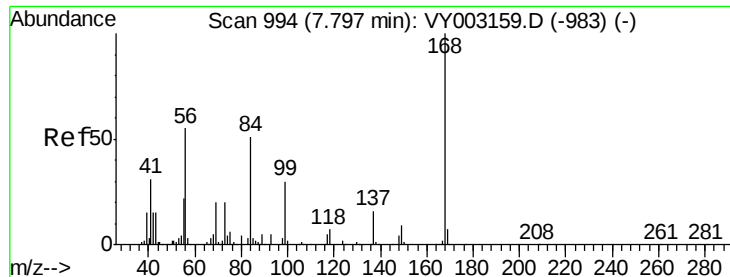
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003248.D

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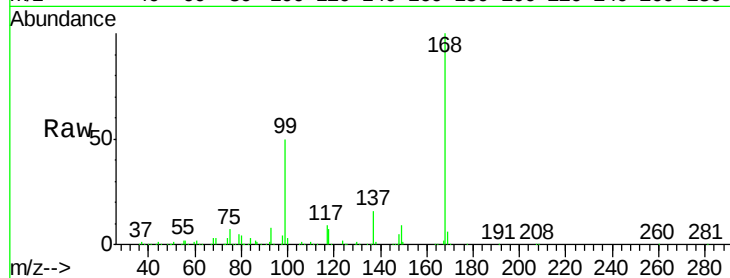
Instrument :
MSVOA_Y
ClientSampleId :
22

Tot Ion:168 Resp: 342733

Ion Ratio Lower Upper

168 100

99 50.3 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

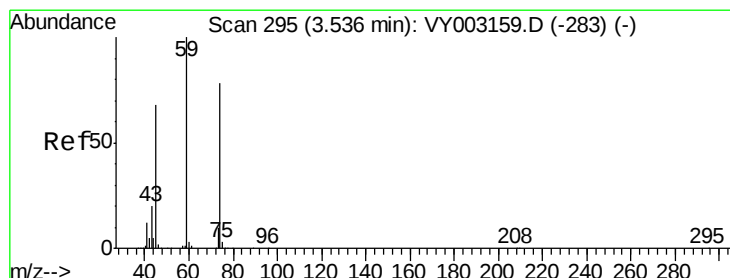
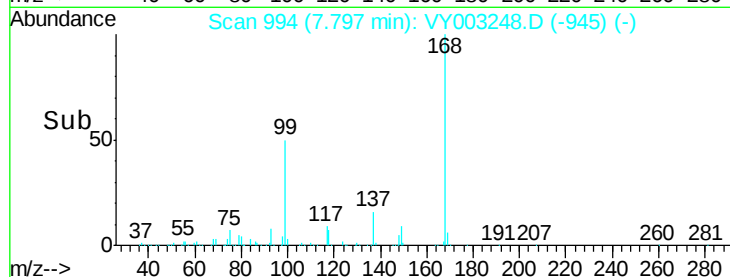
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.780 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003248.D

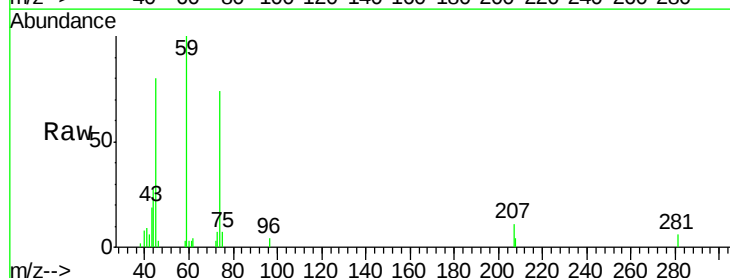
Acq: 20 Jul 2020 21:34

Tgt Ion: 74 Resp: 4651

Ion Ratio Lower Upper

74 100

45 114.1 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003159.D (-283) (-)

Ion 45.00 (44.70 to 45.70): VY003159.D (-283) (-)

3.54

2500

2000

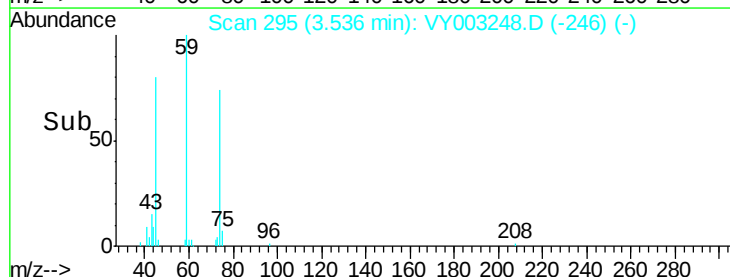
1500

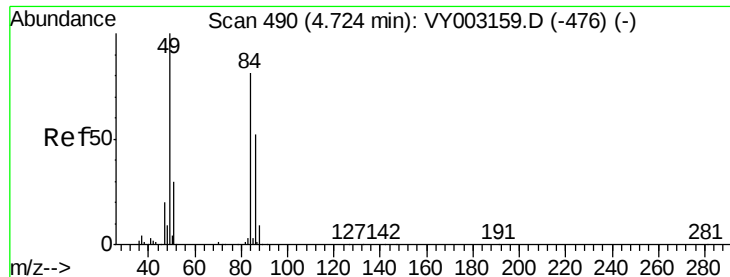
1000

500

0

Time-->

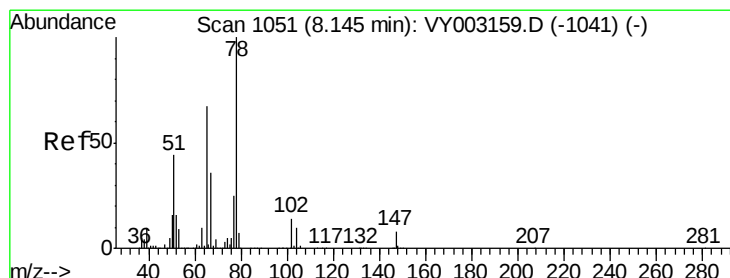
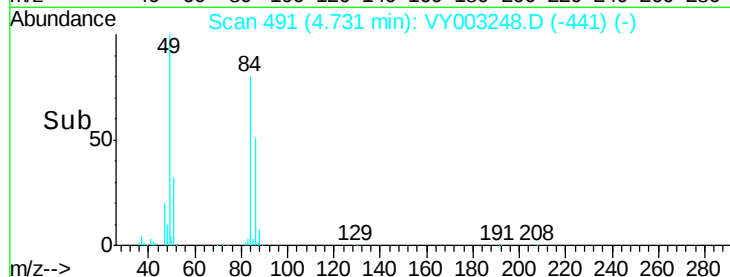
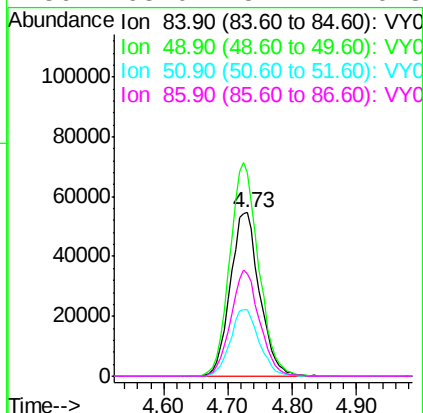
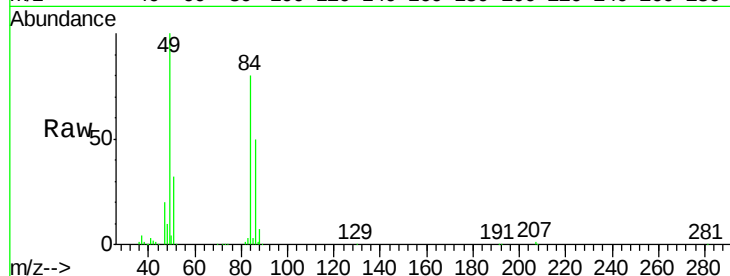




#20
Methvlene Chloride
Concen: 53.705 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003248.D
Acq: 20 Jul 2020 21:34

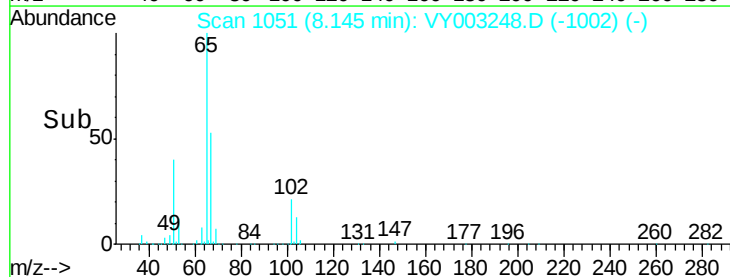
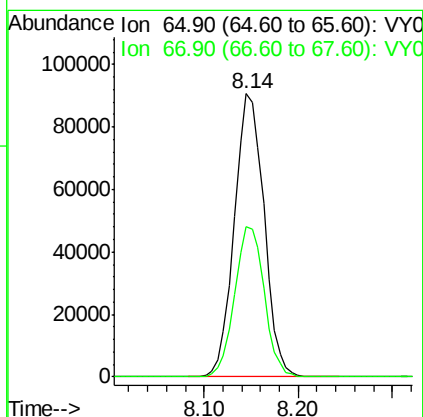
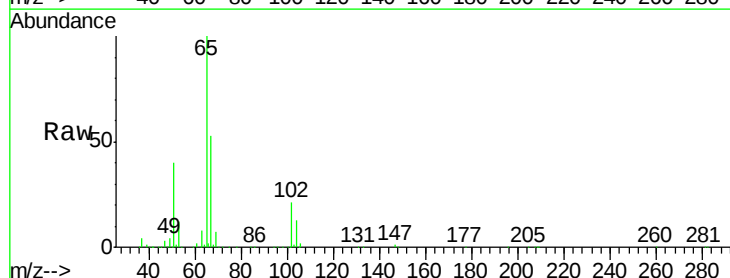
Instrument :
MSVOA_Y
ClientSampleId :
22

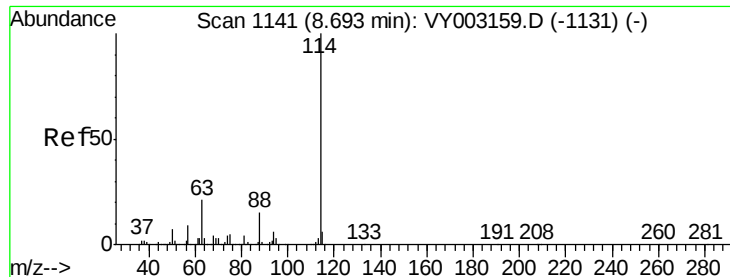
Tot Ion: 84 Resp: 173277
Ion Ratio Lower Upper
84 100
49 124.8 98.2 147.4
51 40.5 29.8 44.6
86 63.0 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 68.994 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VY003248.D
Acq: 20 Jul 2020 21:34

Tgt Ion: 65 Resp: 199586
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.2

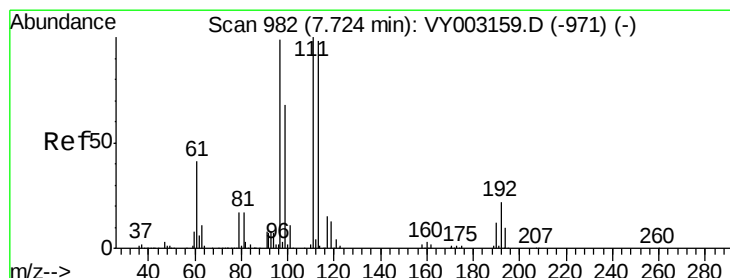
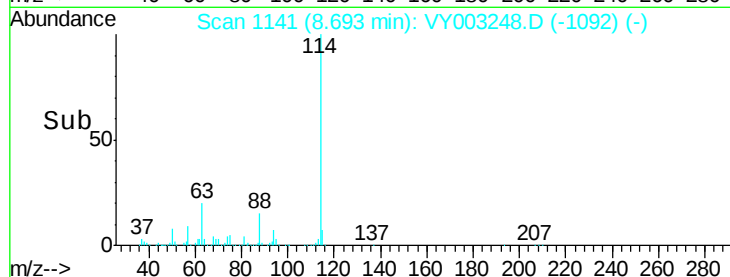
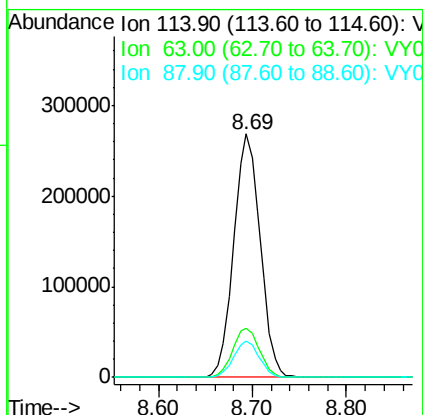
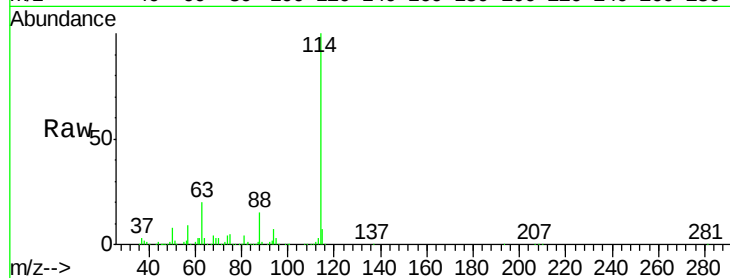




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003248.D
 Acq: 20 Jul 2020 21:34

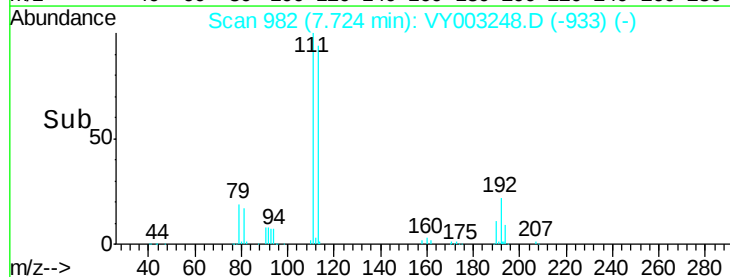
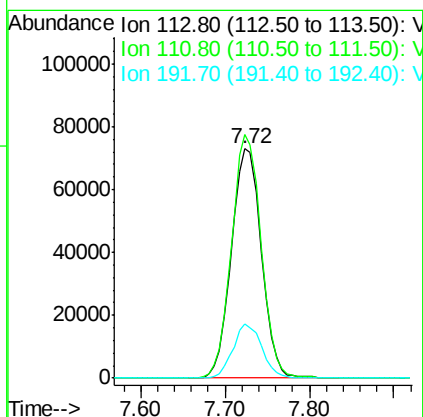
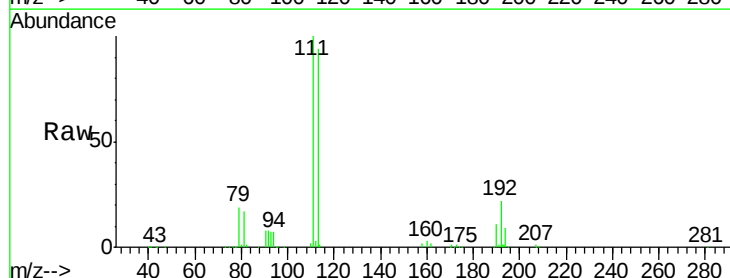
Instrument :
 MSVOA_Y
 ClientSampleId :
 22

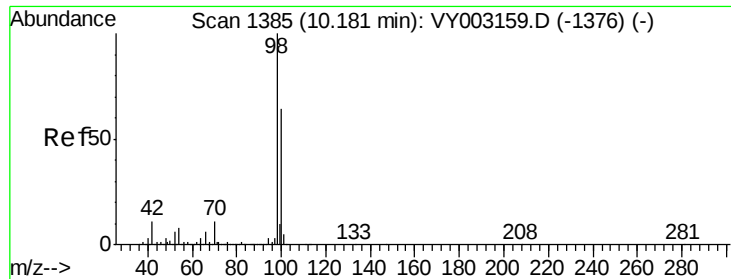
Tot Ion:114 Resp: 522235
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 15.0 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 58.395 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003248.D
 Acq: 20 Jul 2020 21:34

Tgt Ion:113 Resp: 175498
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.1 123.1
 192 22.8 18.8 28.2





#50

Toluene-d8

Concen: 54.365 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003248.D

Acq: 20 Jul 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

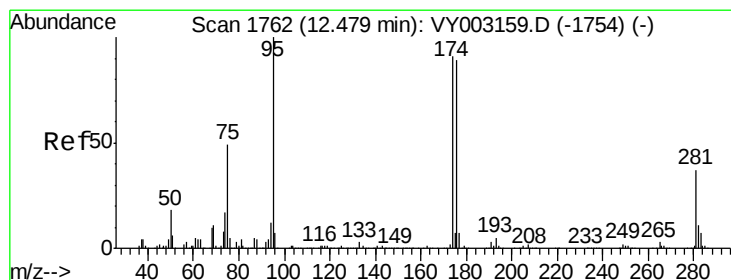
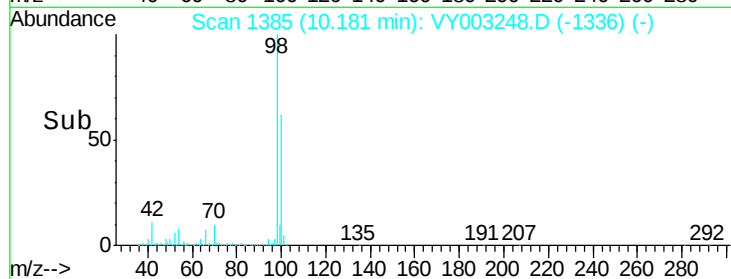
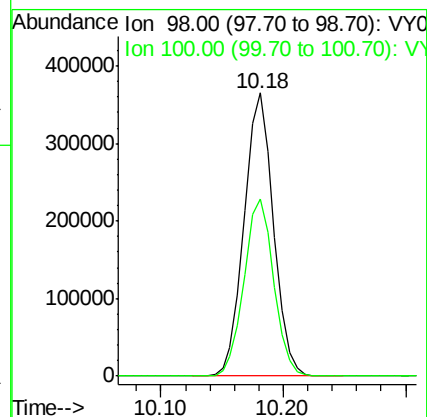
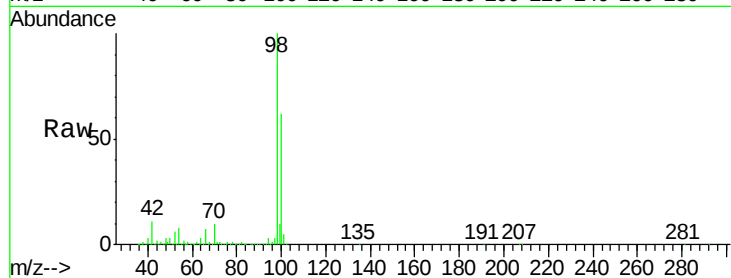
22

Tot Ion: 98 Resp: 607435

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 43.621 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003248.D

Acq: 20 Jul 2020 21:34

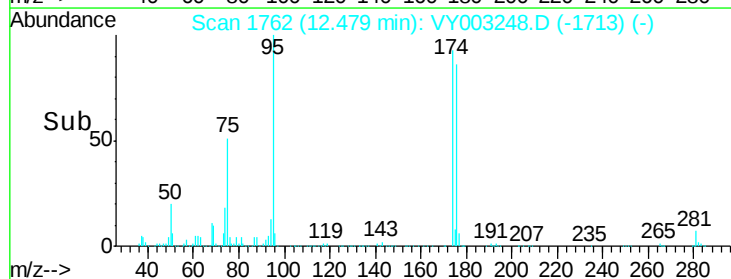
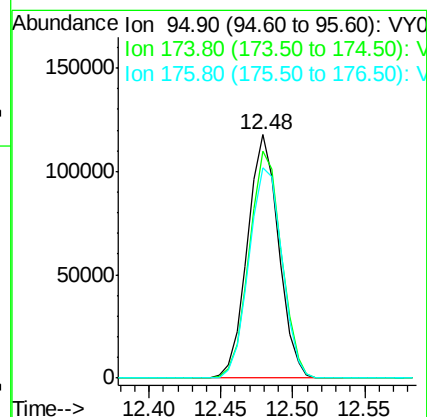
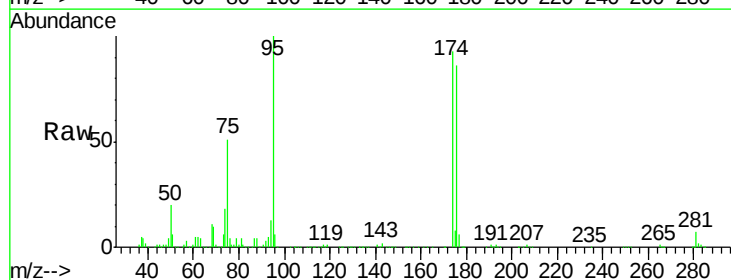
Tgt Ion: 95 Resp: 176074

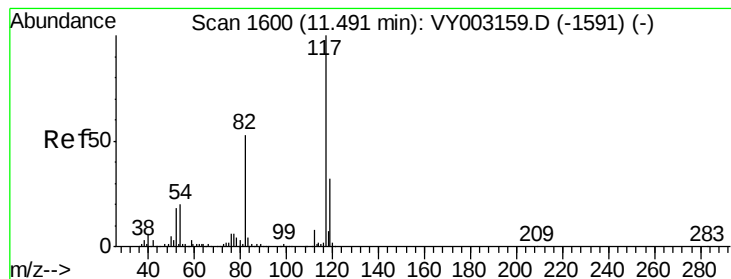
Ion Ratio Lower Upper

95 100

174 96.0 0.0 190.6

176 91.5 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: VY003248.D

Acq: 20 Jul 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

22

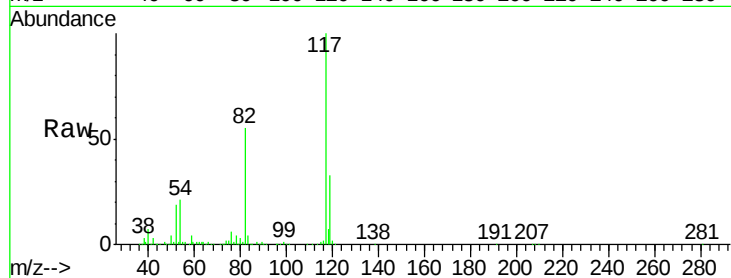
Tot Ion:117 Resp: 426548

Ion Ratio Lower Upper

117 100

82 55.2 42.0 63.0

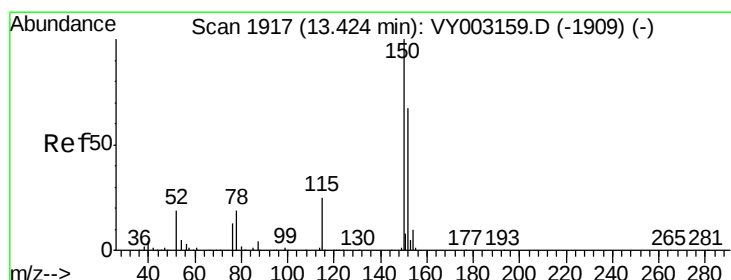
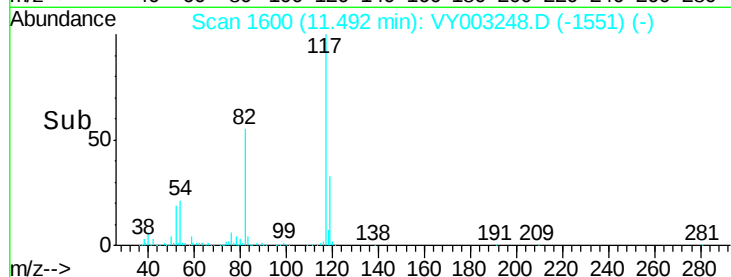
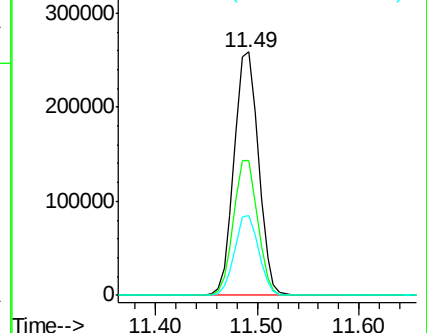
119 32.6 25.5 38.3



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: VY003248.D

Acq: 20 Jul 2020 21:34

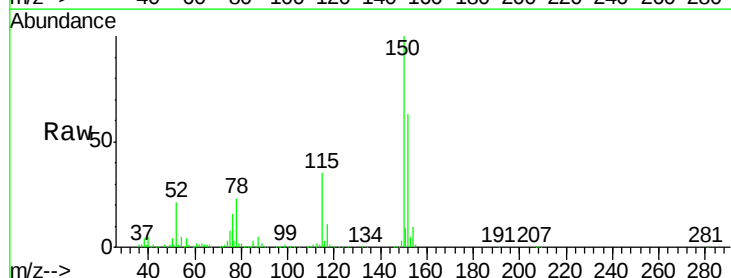
Tgt Ion:152 Resp: 180678

Ion Ratio Lower Upper

152 100

115 54.9 26.9 80.7

150 156.1 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

