

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002906.D
 Acq On : 16 Jun 2020 13:46
 Operator : SY/MD
 Sample : L3020-01
 Misc : 8.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-22(16.5-18.5)

Quant Time: Jun 17 02:35:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

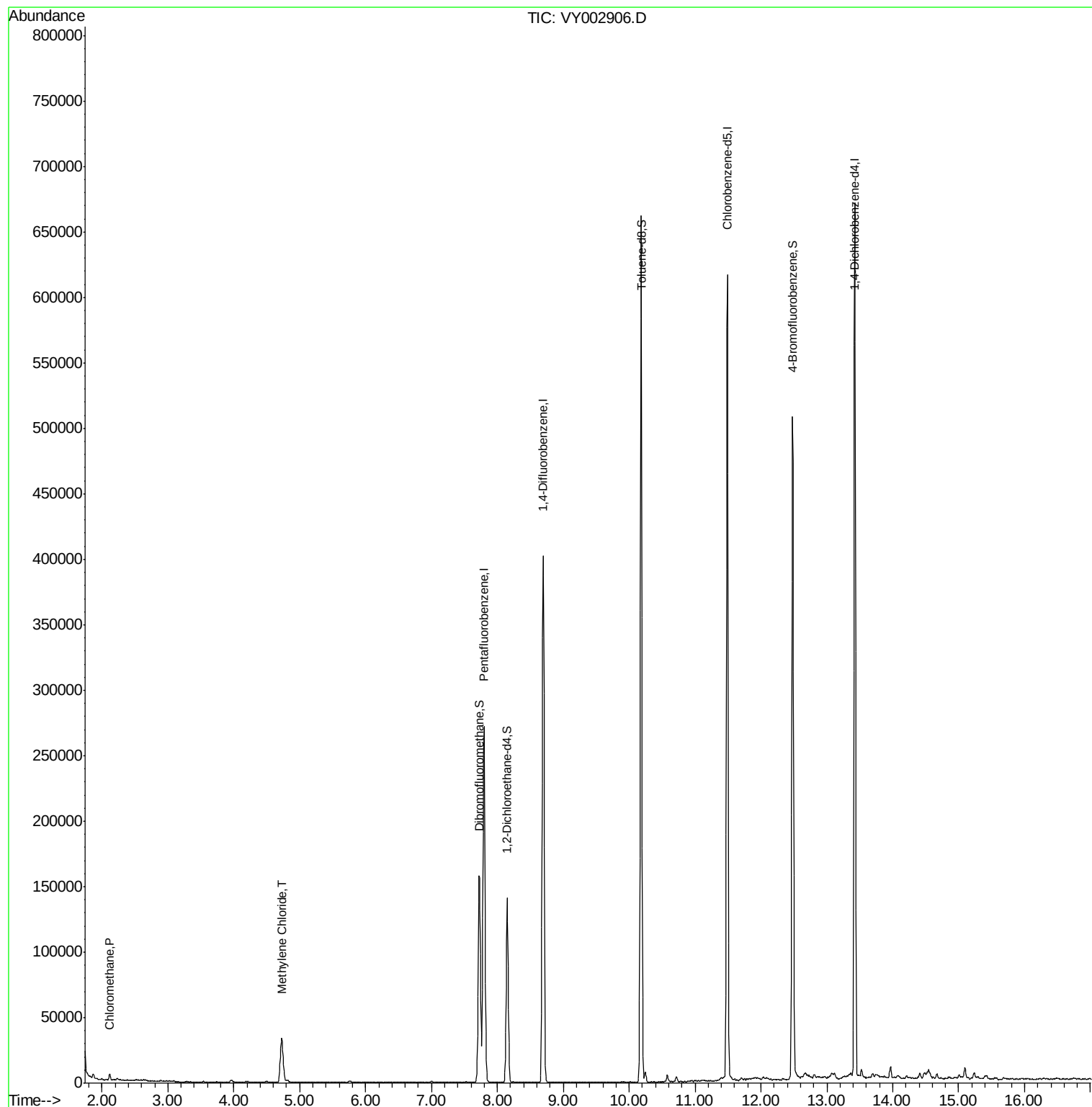
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	370180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	356387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	109800	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
35) Dibromofluoromethane	7.73	113	113306	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	444950	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.48	95	153054	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
3) Chloromethane	2.12	50	4592	2.619	ug/l	99
20) Methylene Chloride	4.72	84	27761	12.110	ug/l	97

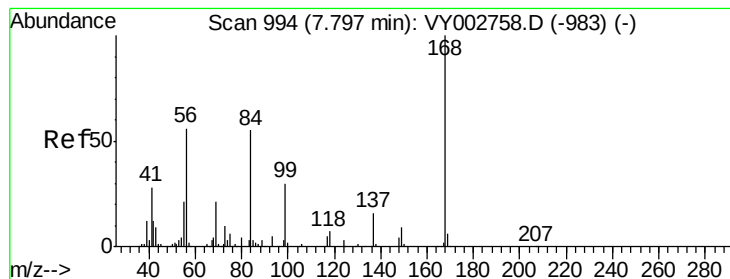
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002906.D

Acq: 16 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

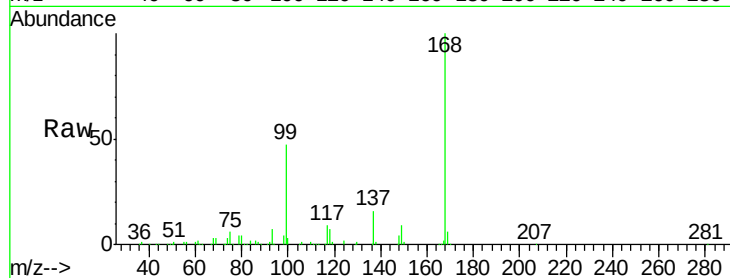
MW-22(16.5-18.5)

Tot Ion:168 Resp: 230402

Ion Ratio Lower Upper

168 100

99 46.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

100000

80000

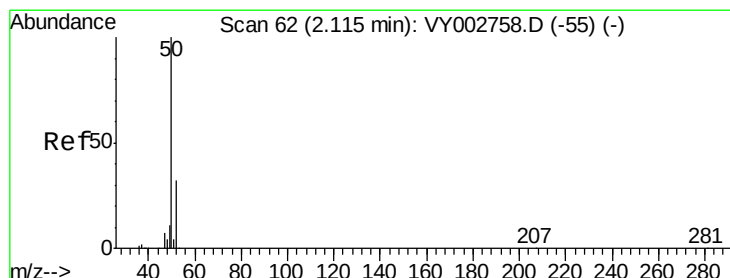
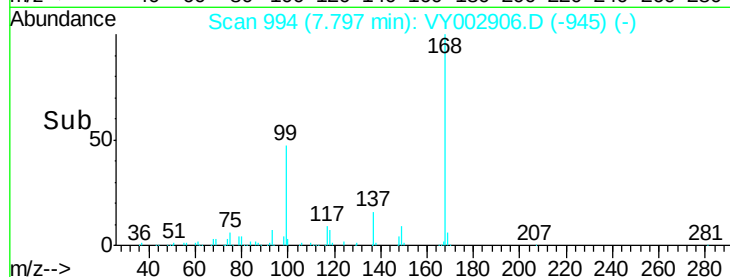
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 2.619 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002906.D

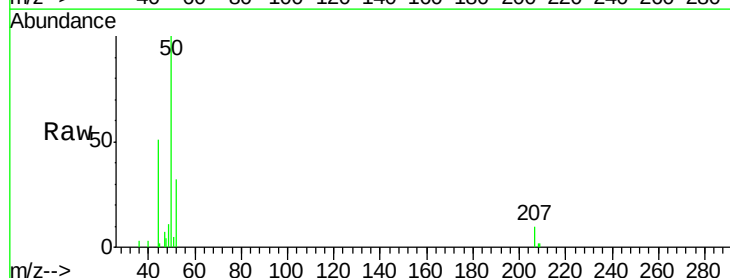
Acq: 16 Jun 2020 13:46

Tgt Ion: 50 Resp: 4592

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002758.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY002758.D (-55) (-)

2.12

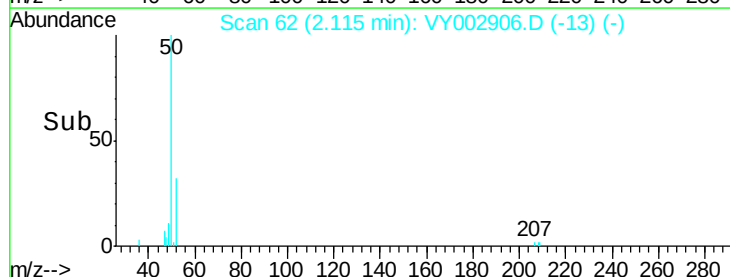
3000

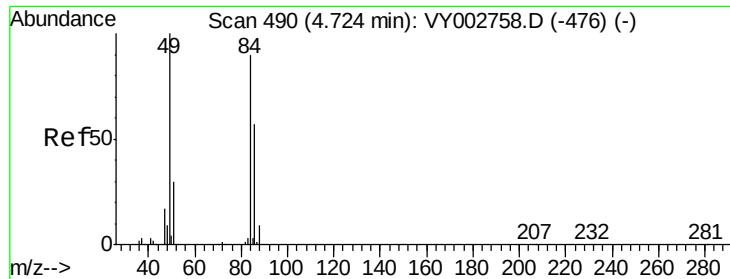
2000

1000

0

Time-->

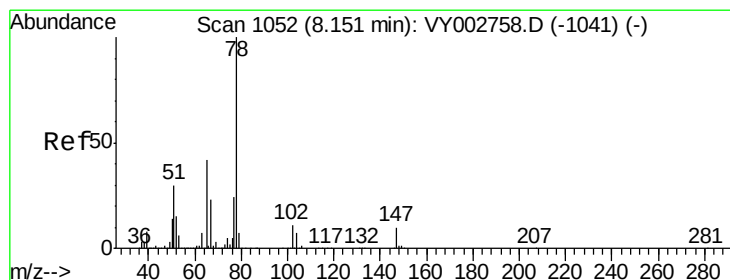
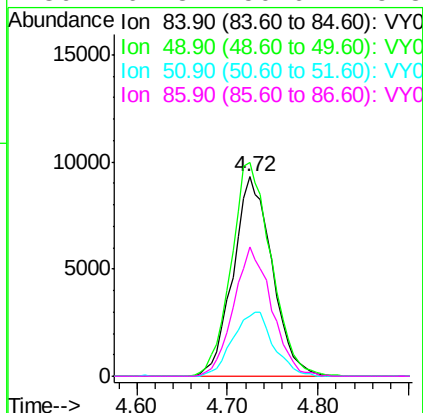
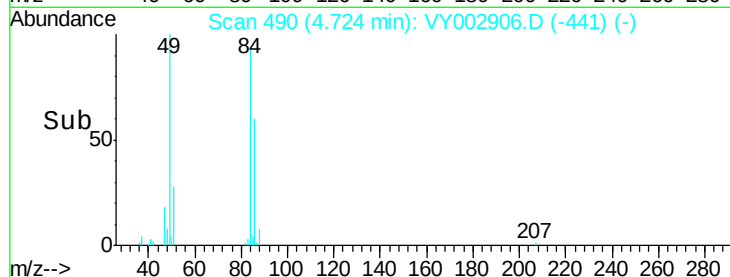
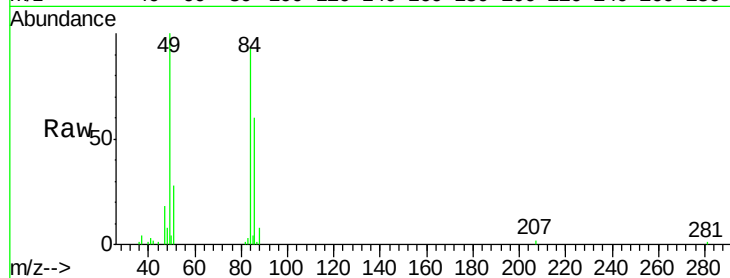




#20
Methylene Chloride
Concen: 12.110 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

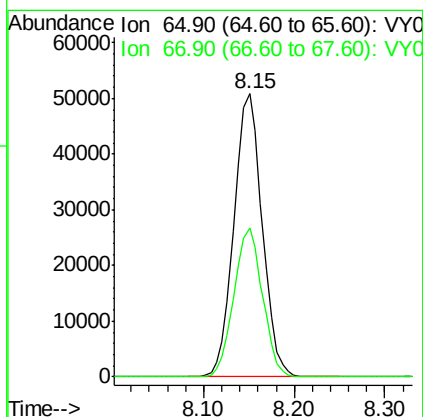
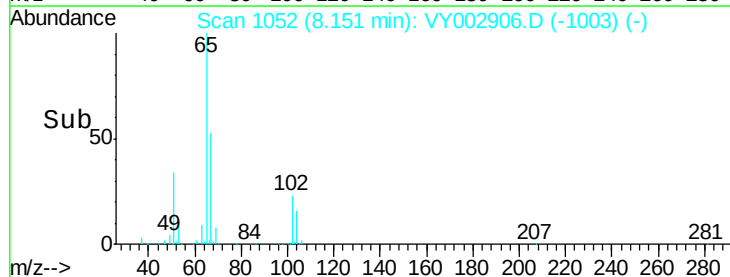
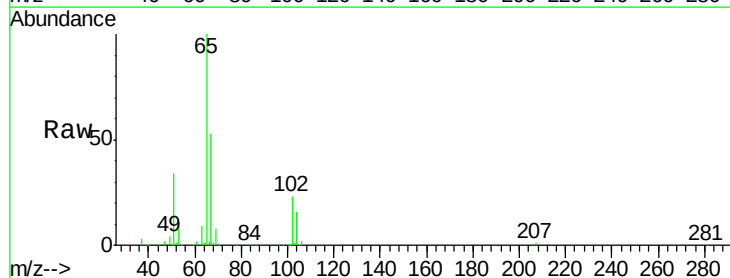
Instrument :
MSVOA_Y
ClientSampleId :
MW-22(16.5-18.5)

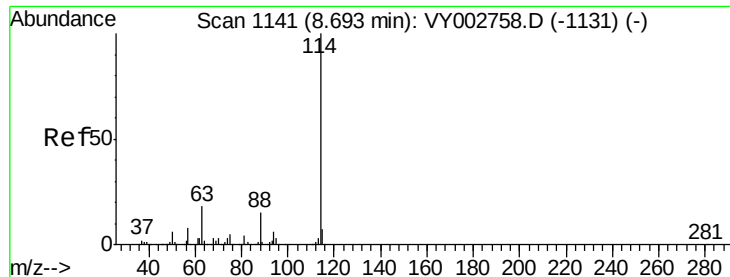
Tot Ion: 84 Resp: 27761
Ion Ratio Lower Upper
84 100
49 107.3 88.5 132.7
51 30.3 26.8 40.2
86 64.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 54.885 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Tgt Ion: 65 Resp: 109800
Ion Ratio Lower Upper
65 100
67 53.2 0.0 111.0

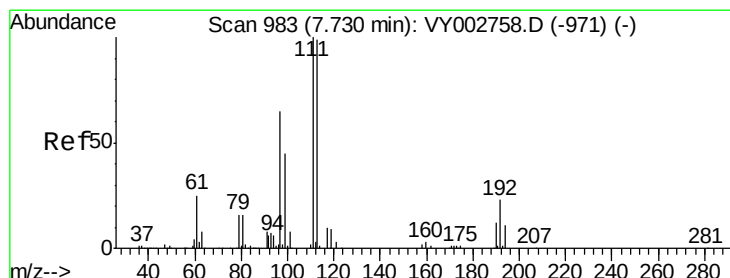
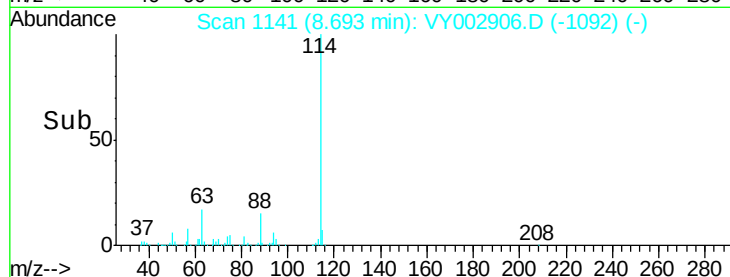
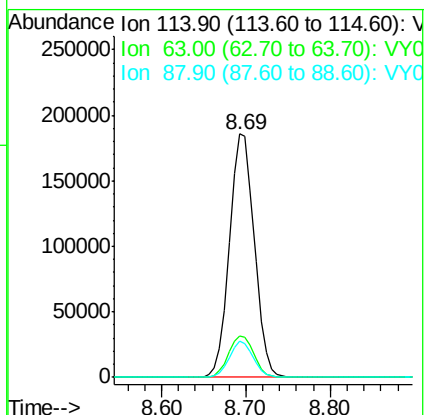
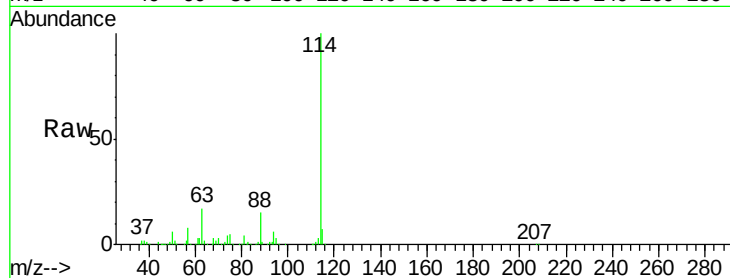




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002906.D
 Acq: 16 Jun 2020 13:46

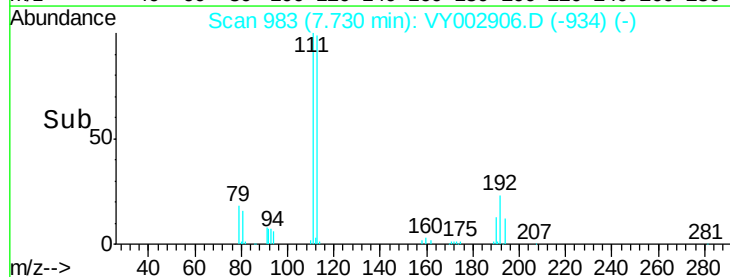
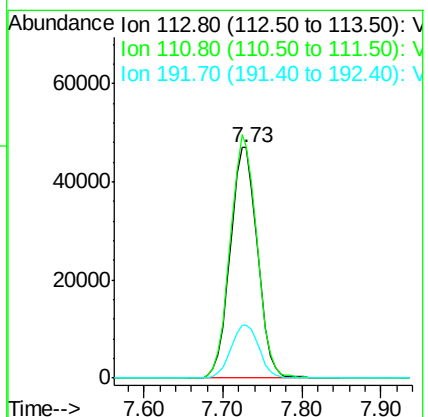
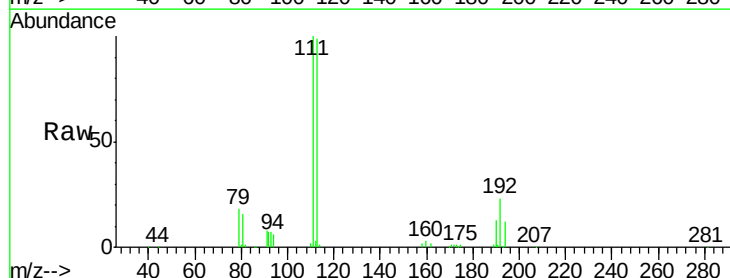
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-22(16.5-18.5)

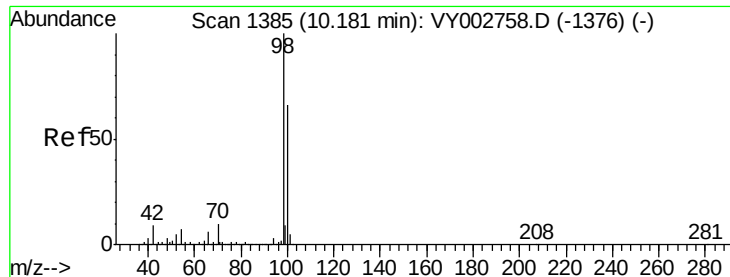
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.2
88	14.9	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 52.228 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY002906.D
 Acq: 16 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	23.7	18.9	28.3





#50

Toluene-d8

Concen: 50.726 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002906.D

Acq: 16 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

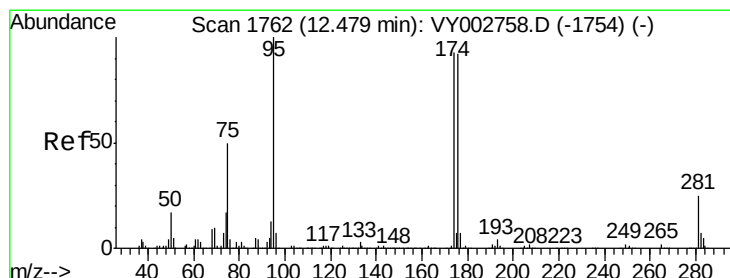
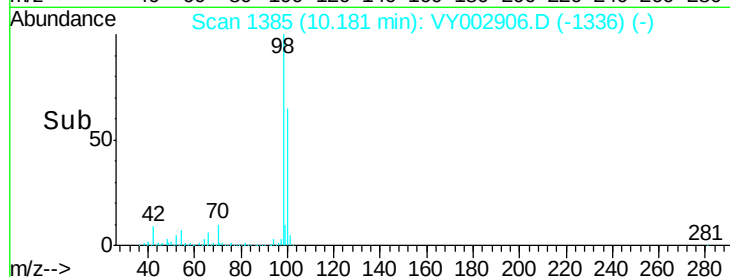
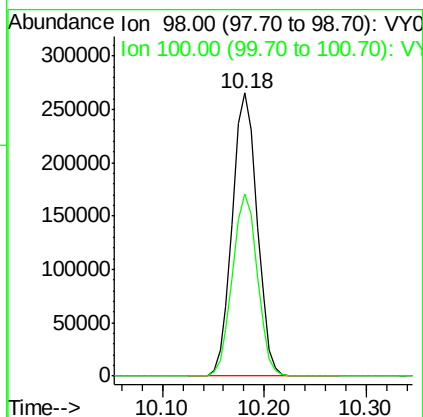
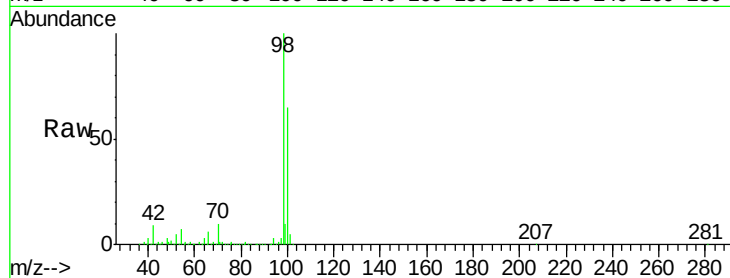
MW-22(16.5-18.5)

Tot Ion: 98 Resp: 444950

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.057 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002906.D

Acq: 16 Jun 2020 13:46

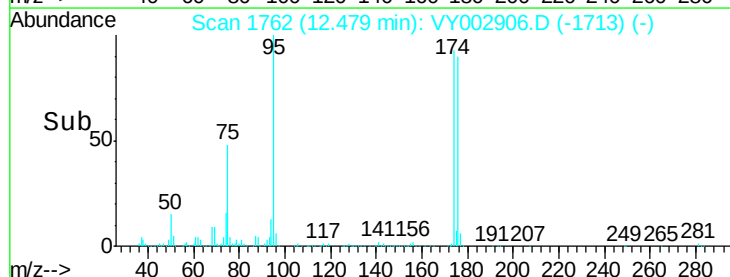
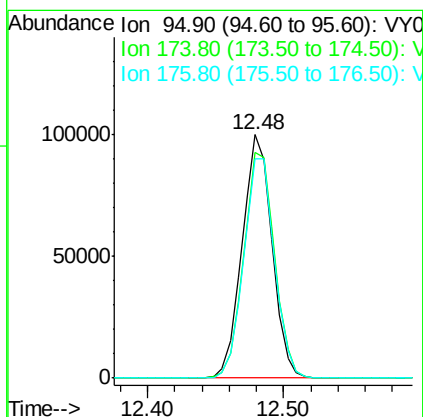
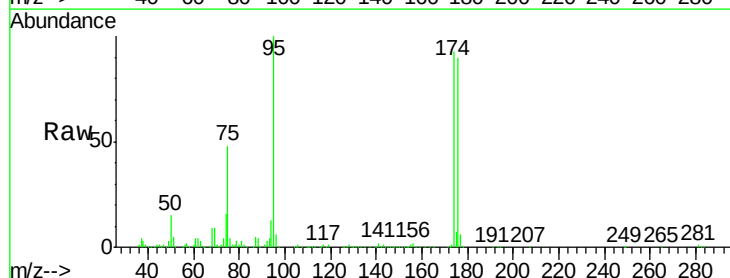
Tgt Ion: 95 Resp: 153054

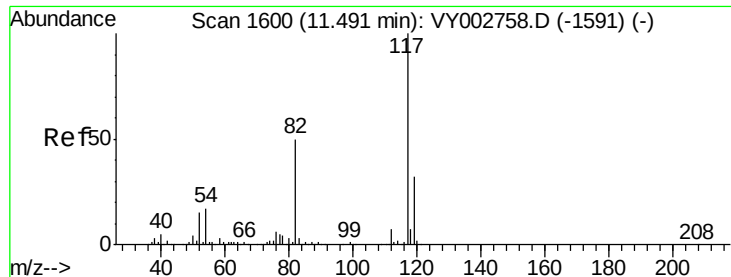
Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.2

176 93.3 0.0 188.8

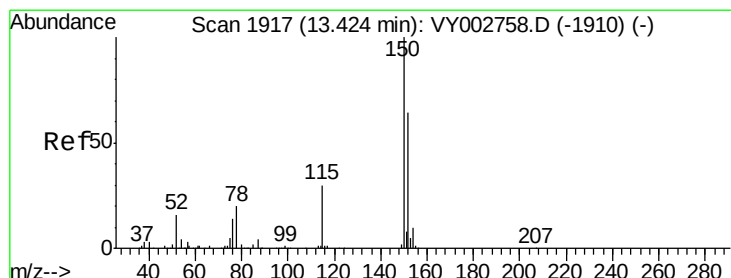
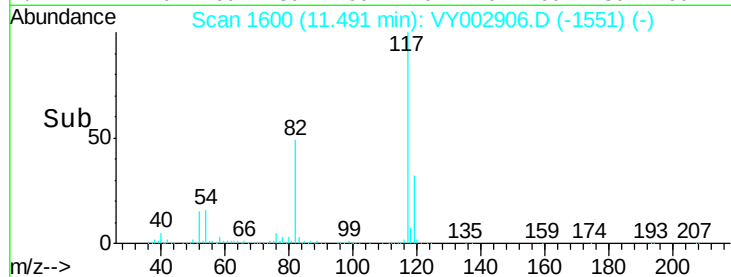
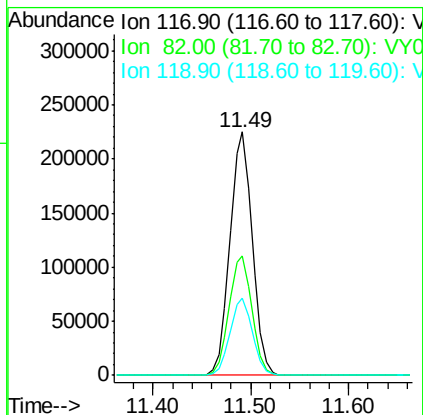
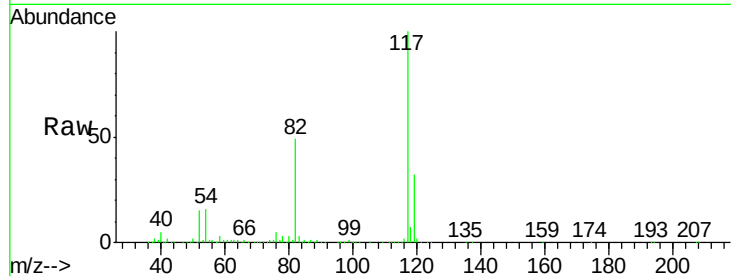




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Instrument :
MSVOA_Y
ClientSampleId :
MW-22(16.5-18.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.9	40.2	60.4
119	32.0	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002906.D
Acq: 16 Jun 2020 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	81.0
150	158.0	0.0	344.8

