

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002907.D
 Acq On : 16 Jun 2020 14:10
 Operator : SY/MD
 Sample : L3020-02
 Misc : 7.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-23(19-21)

Quant Time: Jun 17 02:37:15 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

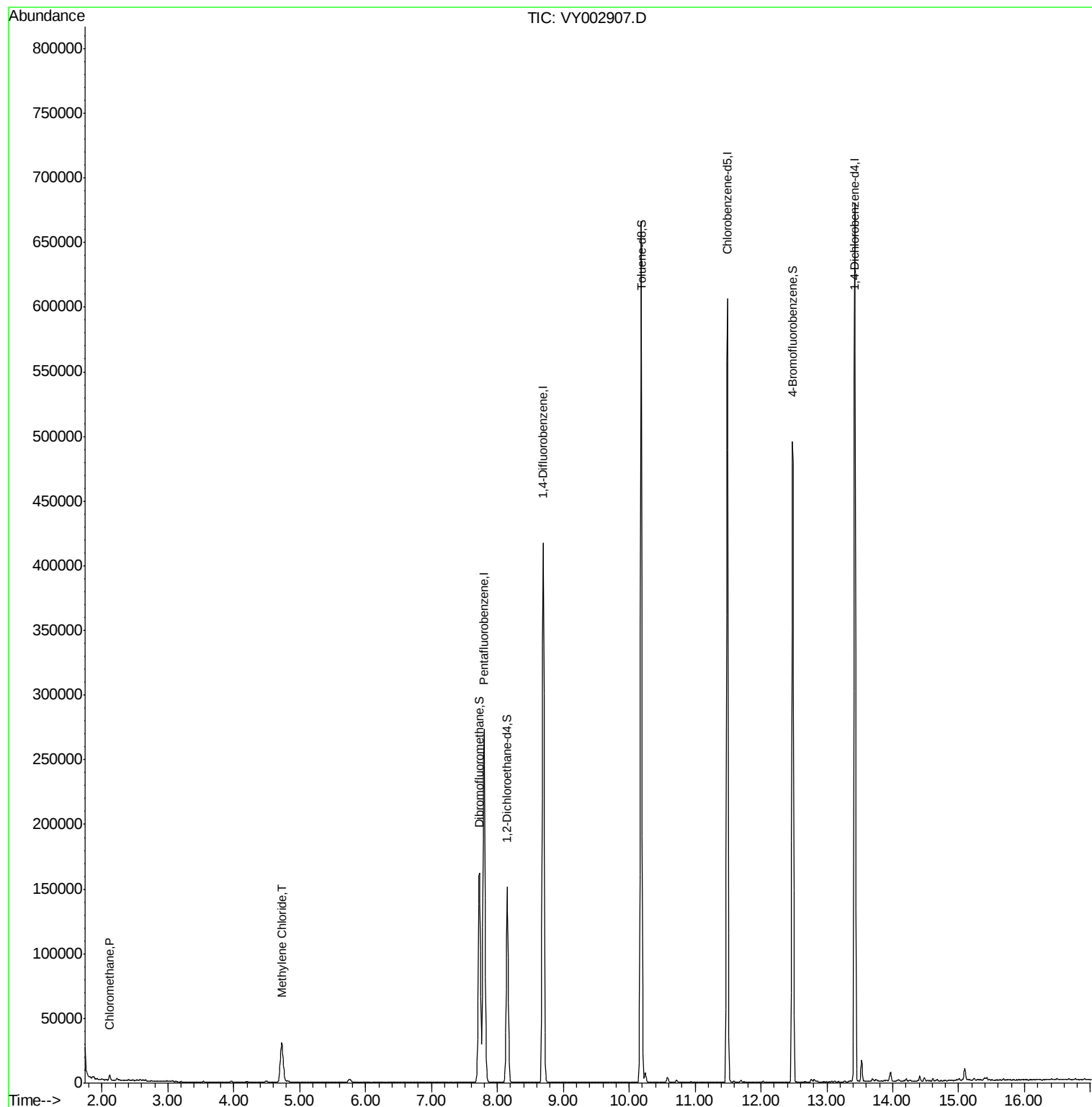
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	377097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	357802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115155	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
35) Dibromofluoromethane	7.73	113	117200	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	10.18	98	446773	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.48	95	150164	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
Target Compounds						
3) Chloromethane	2.12	50	4021	2.272	ug/l	99
20) Methylene Chloride	4.72	84	26317	11.372	ug/l	94

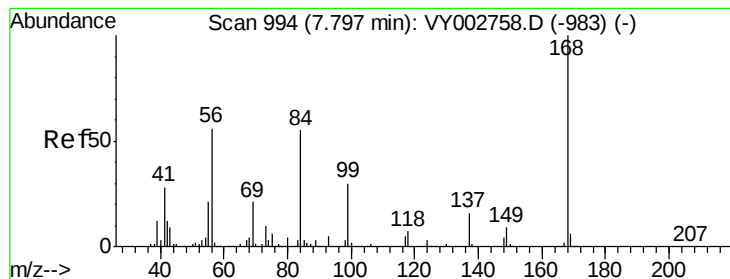
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002907.D

Acq: 16 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

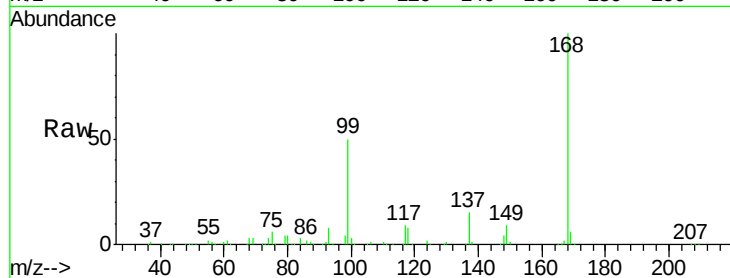
MW-23(19-21)

Tot Ion:168 Resp: 232582

Ion Ratio Lower Upper

168 100

99 49.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002907.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002907.D (-945) (-)

7.80

100000

80000

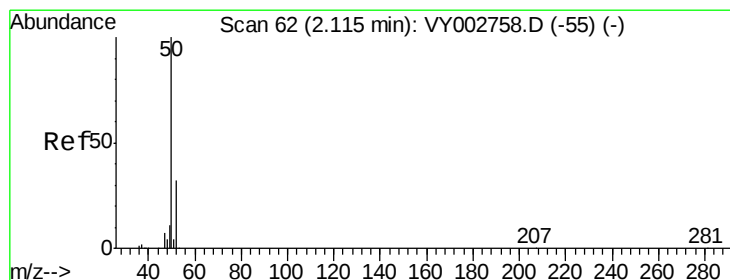
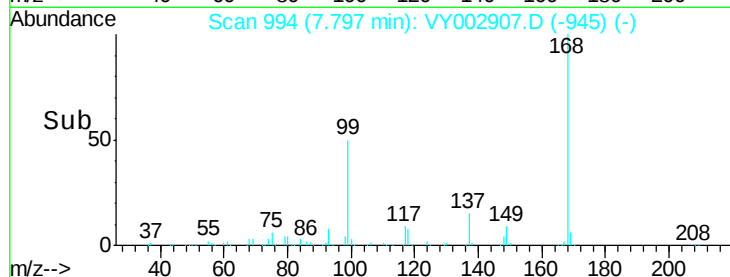
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#3

Chloromethane

Concen: 2.272 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002907.D

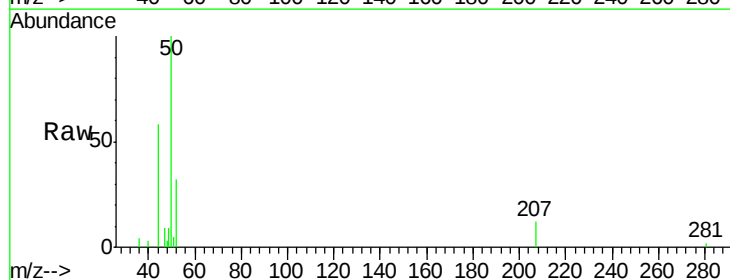
Acq: 16 Jun 2020 14:10

Tgt Ion: 50 Resp: 4021

Ion Ratio Lower Upper

50 100

52 31.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002907.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002907.D (-13) (-)

2.12

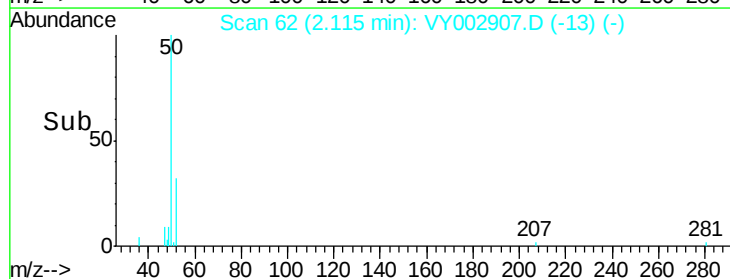
3000

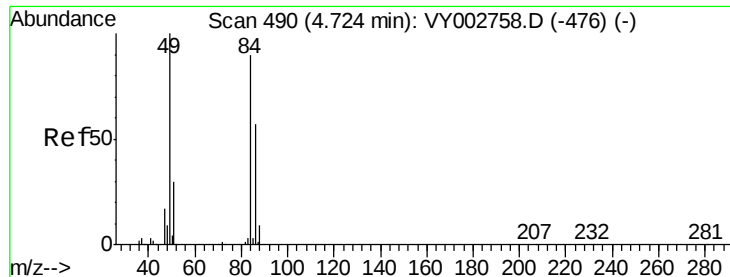
2000

1000

0

Time--> 2.05 2.10 2.15

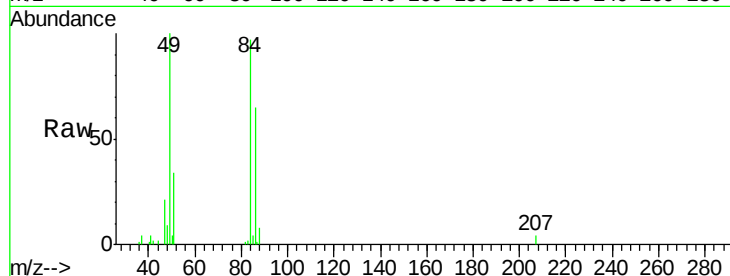




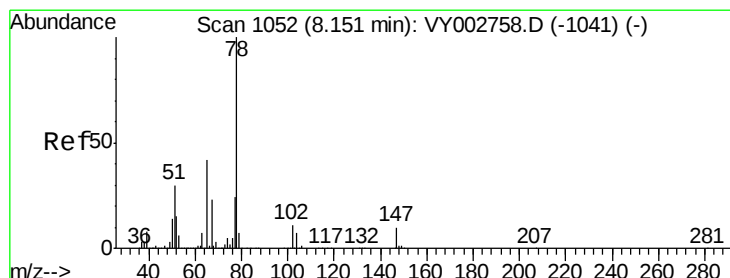
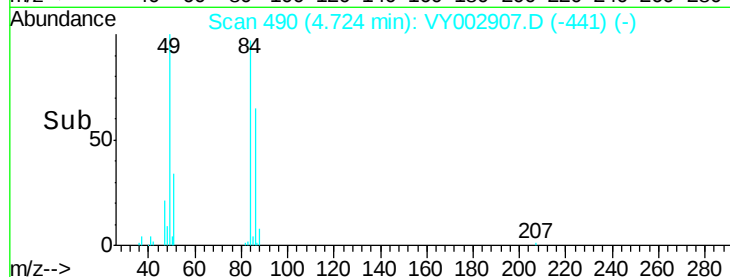
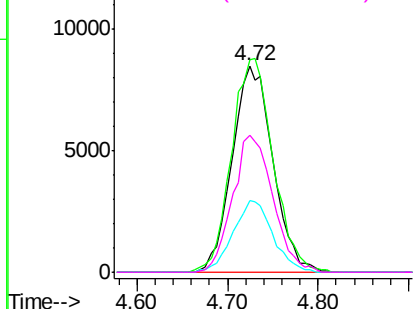
#20
Methvlene Chloride
Concen: 11.372 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Instrument :
MSVOA_Y
ClientSampled :
MW-23(19-21)

Tot Ion: 84 Resp: 26317
Ion Ratio Lower Upper
84 100
49 102.6 88.5 132.7
51 34.6 26.8 40.2
86 66.4 50.6 75.8

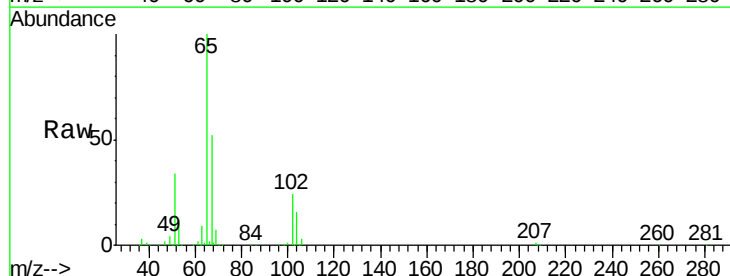


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

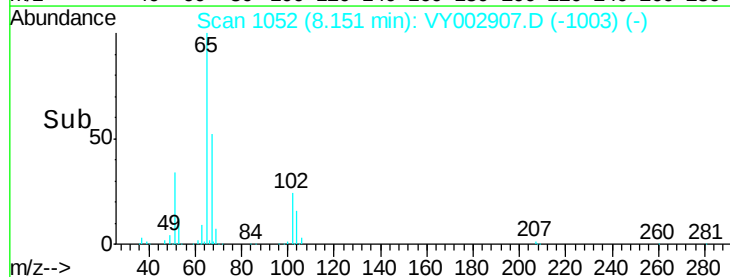
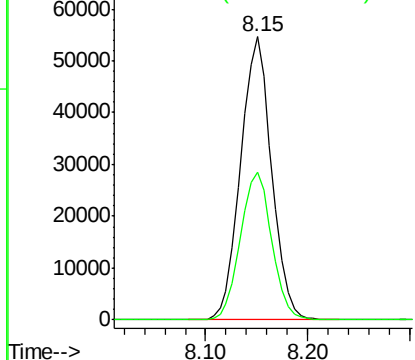


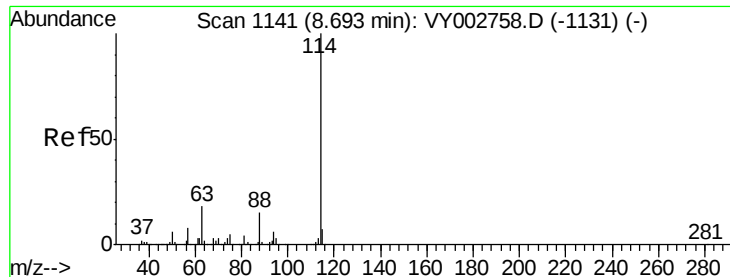
#33
1,2-Dichloroethane-d4
Concen: 57.023 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Tgt Ion: 65 Resp: 115155
Ion Ratio Lower Upper
65 100
67 53.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

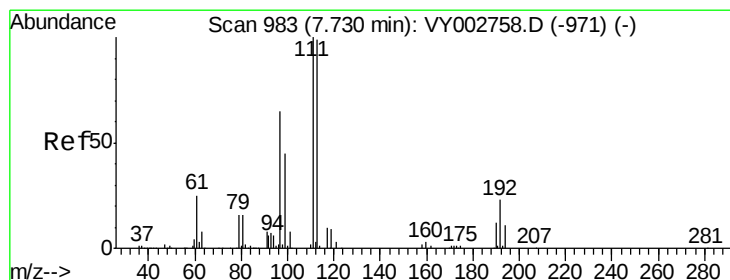
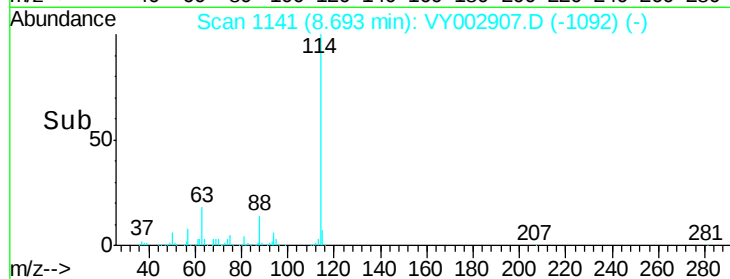
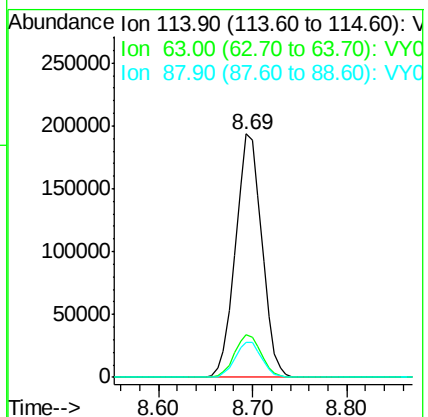
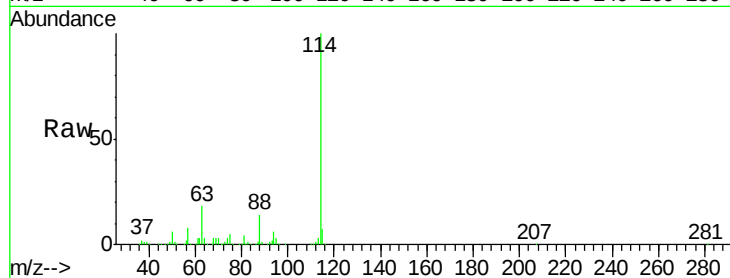




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002907.D
 Acq: 16 Jun 2020 14:10

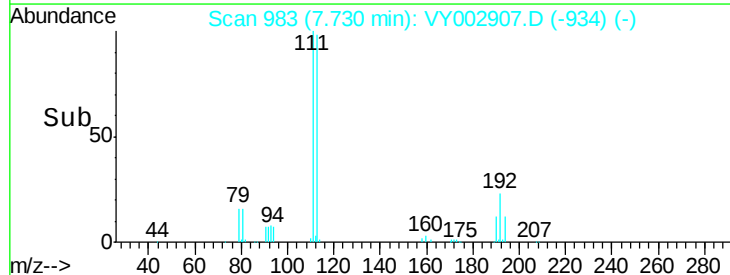
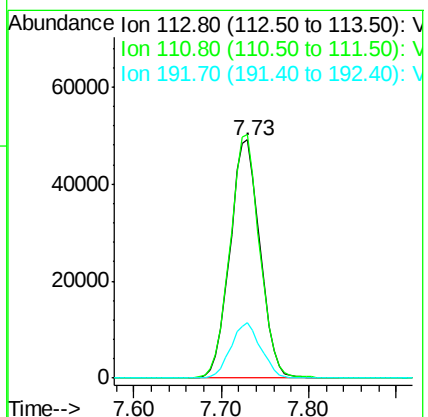
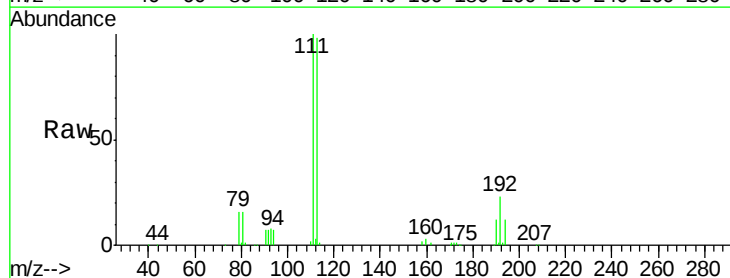
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-23(19-21)

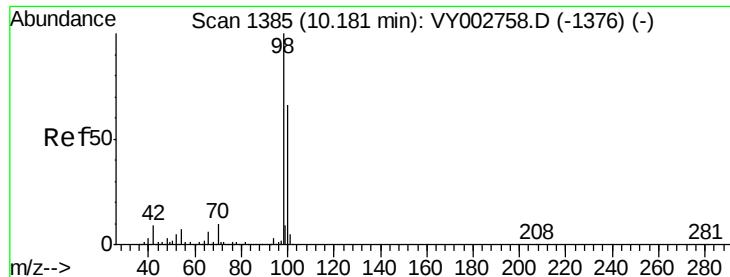
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	14.4	0.0	29.2



#35
 Dibromofluoromethane
 Concen: 53.032 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY002907.D
 Acq: 16 Jun 2020 14:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.0	123.0
192	23.3	18.9	28.3





#50

Toluene-d8

Concen: 50.000 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002907.D

Acq: 16 Jun 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

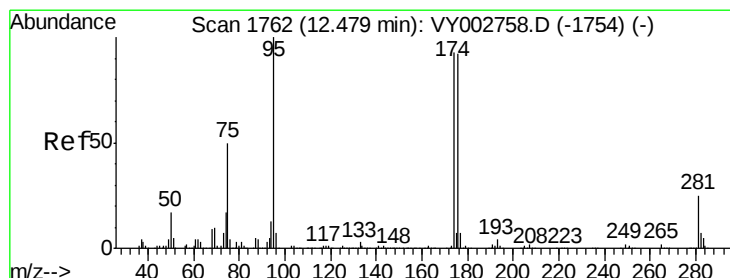
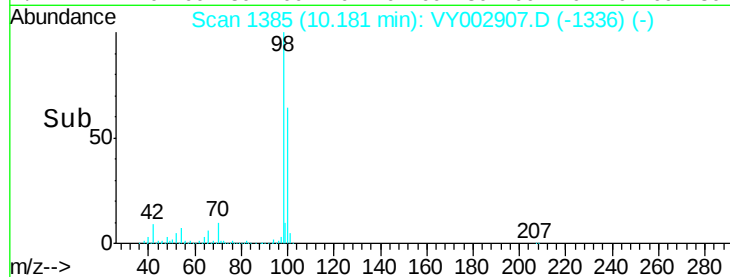
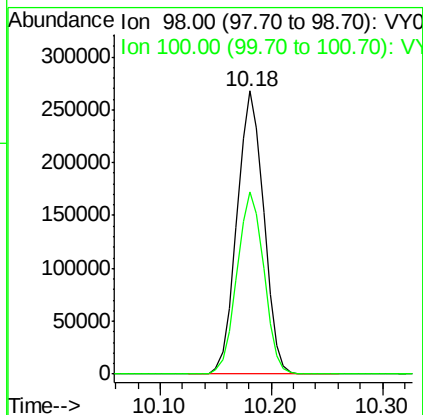
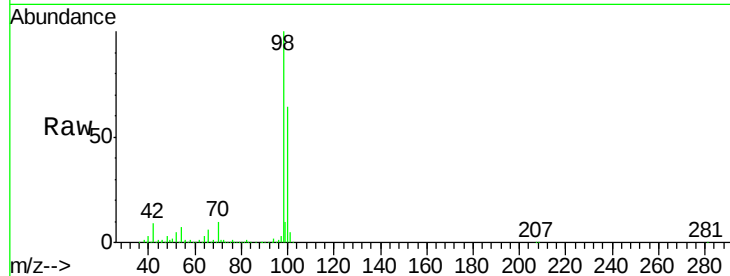
MW-23(19-21)

Tot Ion: 98 Resp: 446773

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.174 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002907.D

Acq: 16 Jun 2020 14:10

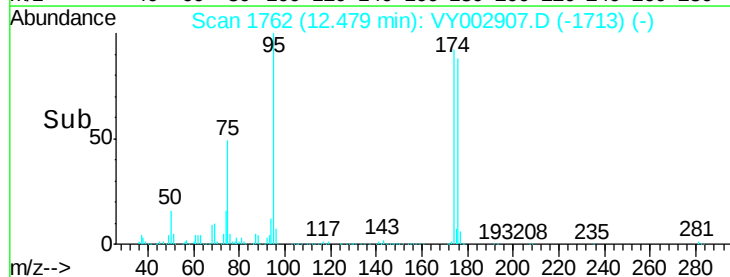
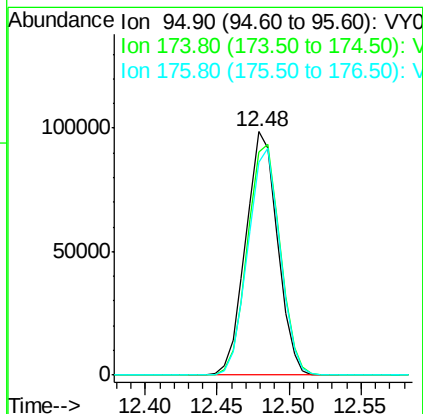
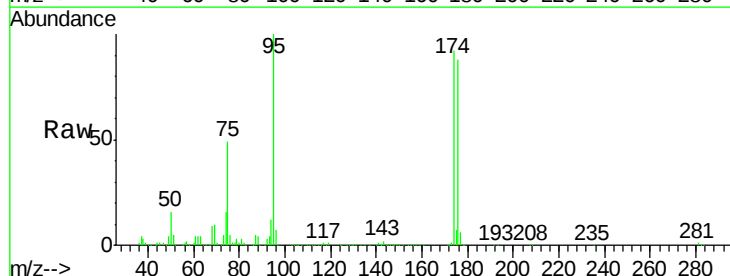
Tgt Ion: 95 Resp: 150164

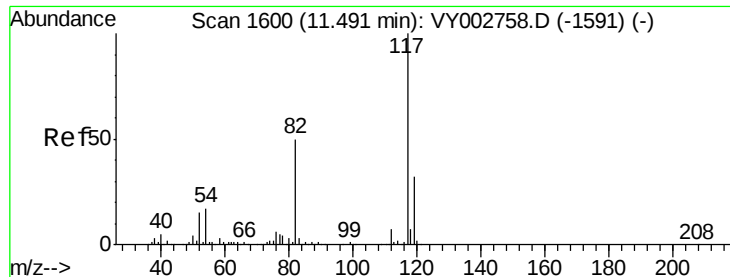
Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.2

176 94.2 0.0 188.8

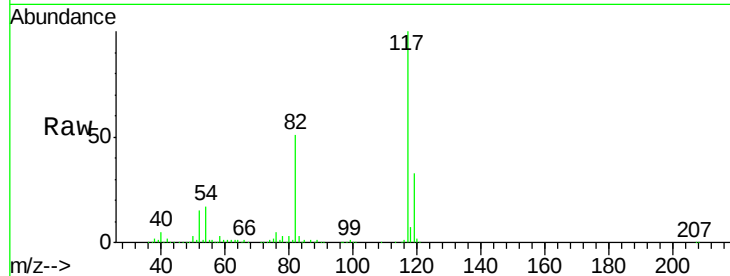




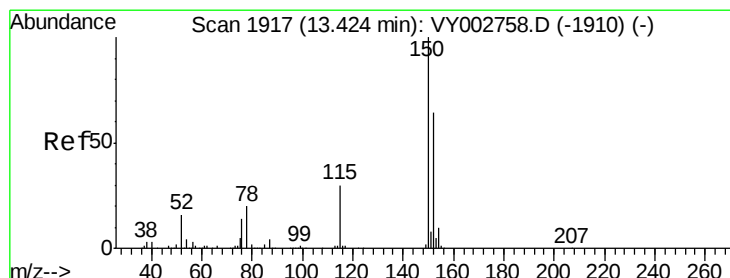
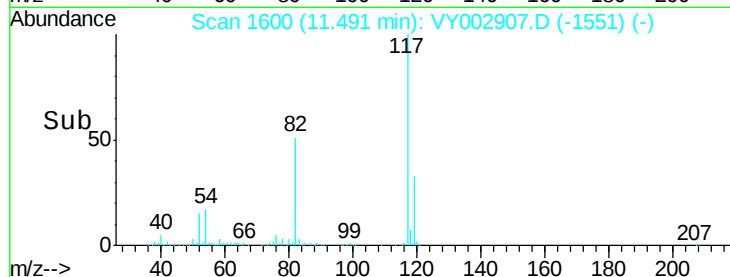
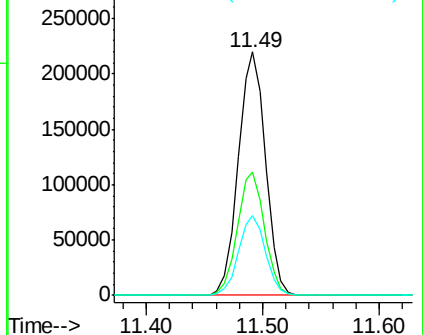
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
MW-23(19-21)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.2	60.4
119	32.6	25.8	38.8

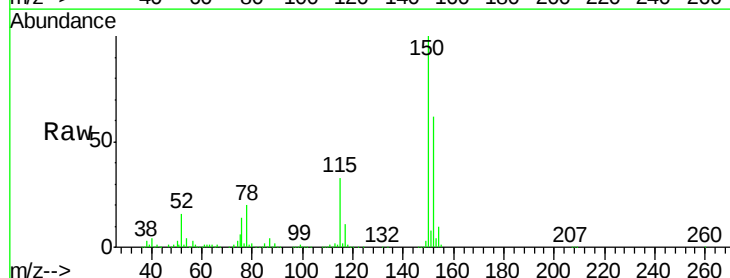


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002907.D
Acq: 16 Jun 2020 14:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.0	81.0
150	157.2	0.0	344.8



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

