

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002959.D
 Acq On : 19 Jun 2020 23:46
 Operator : SY/MD
 Sample : L3020-07
 Misc : 6.66G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-25(19-21)

Quant Time: Jun 20 05:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

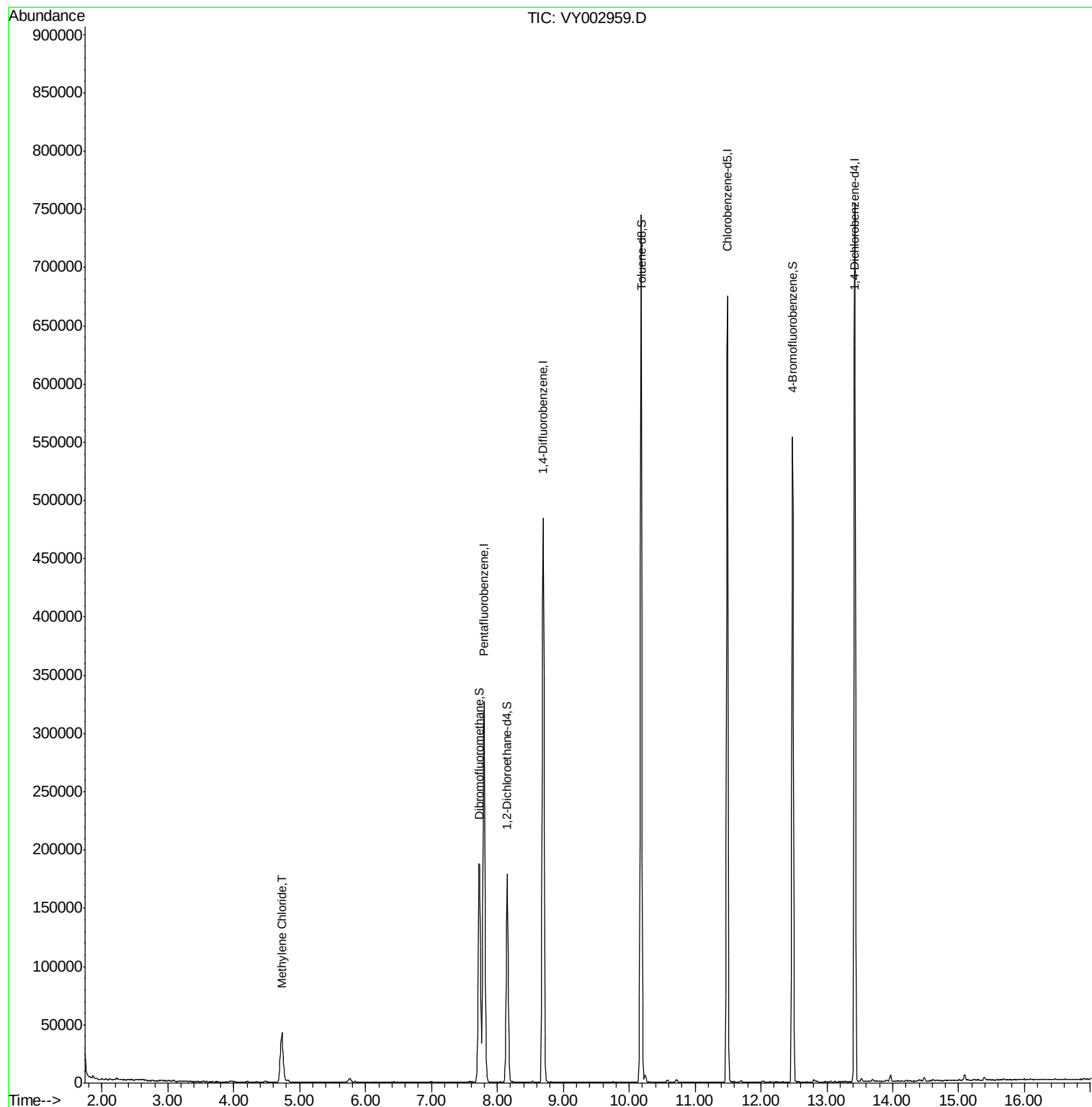
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	444392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	391969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	136056	60.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.84%	
35) Dibromofluoromethane	7.72	113	138750	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
50) Toluene-d8	10.18	98	508657	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.48	95	167237	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
20) Methylene Chloride	4.73	84	34460	7.175	ug/l	95

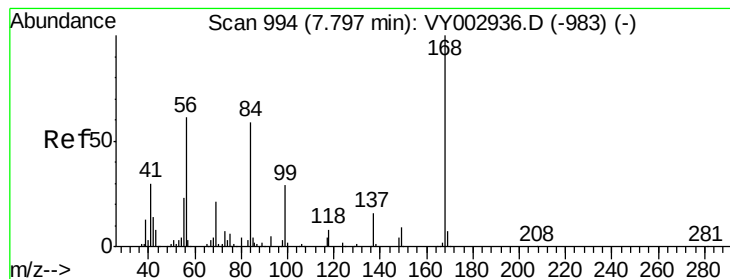
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002959.D

Acq: 19 Jun 2020 23:46

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ClientSampleId :

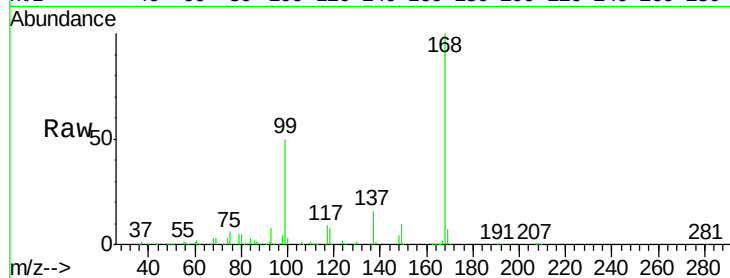
MW-25(19-21)

Tot Ion:168 Resp: 270387

Ion Ratio Lower Upper

168 100

99 50.5 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

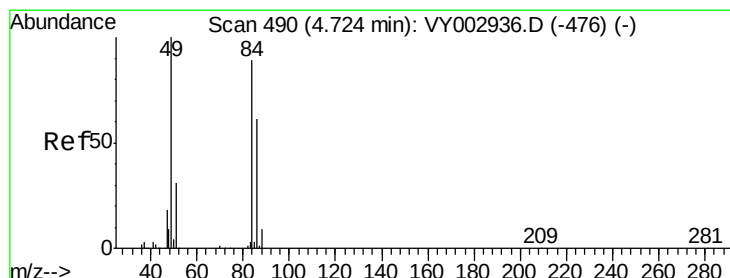
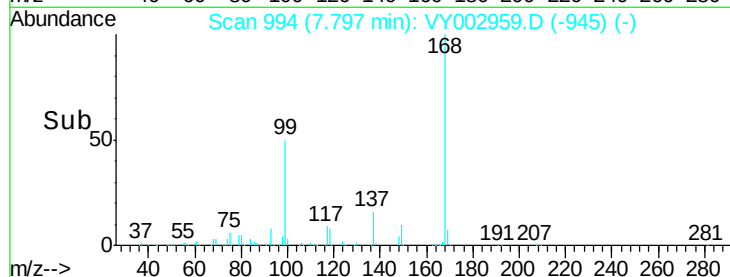
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.175 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002959.D

Acq: 19 Jun 2020 23:46

Tgt Ion: 84 Resp: 34460

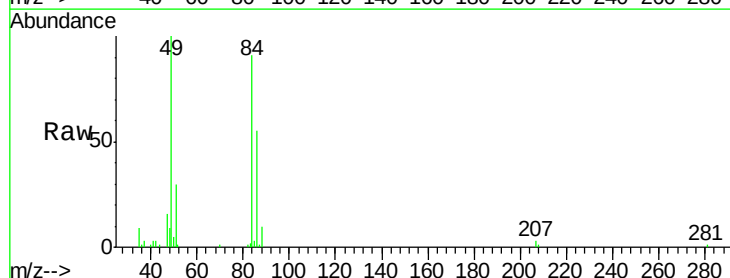
Ion Ratio Lower Upper

84 100

49 110.1 90.0 135.0

51 32.8 27.9 41.9

86 60.5 54.6 81.8



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

20000

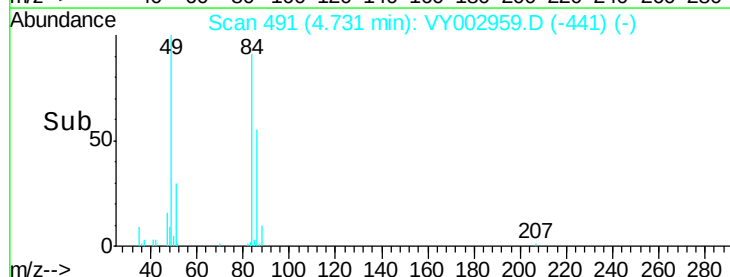
15000

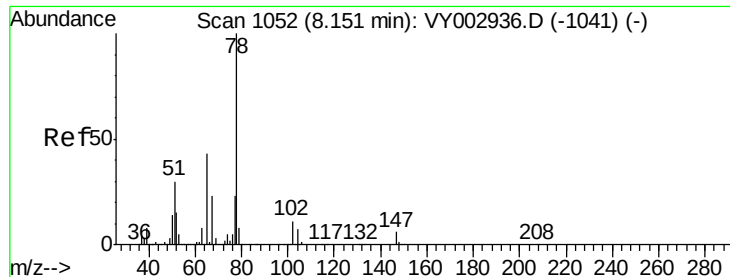
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5000

0

Time-->

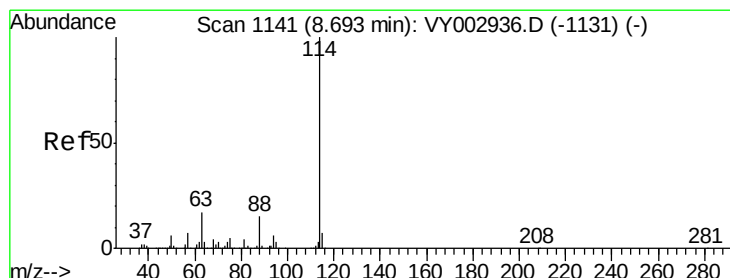
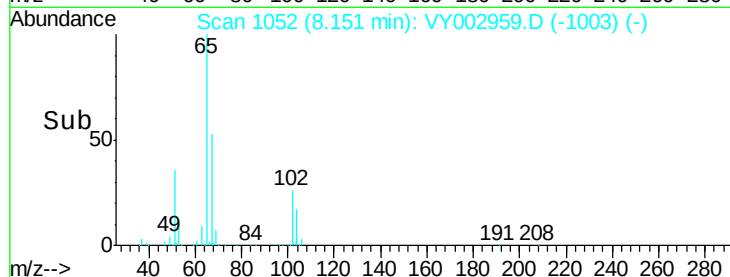
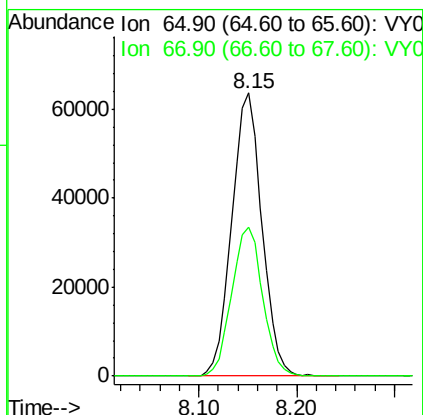
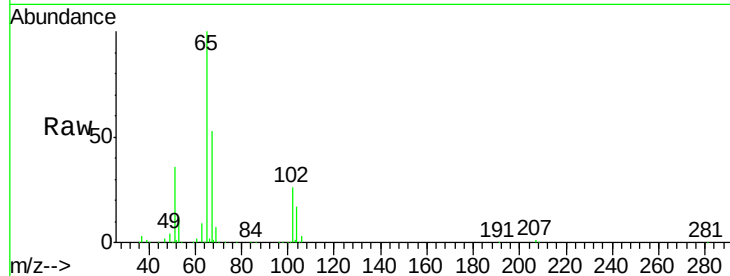




#33
 1,2-Dichloroethane-d4
 Concen: 60.920 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

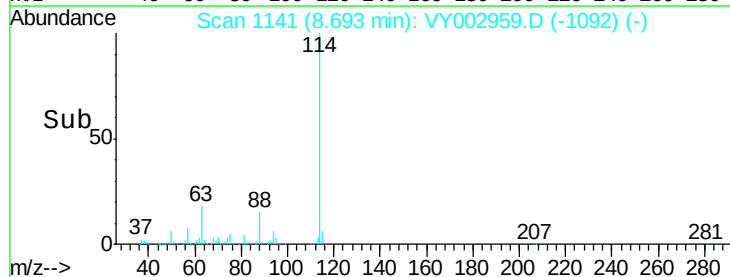
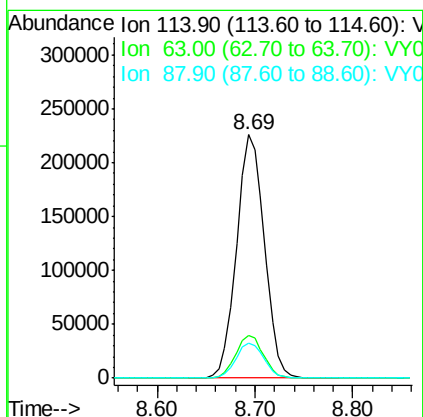
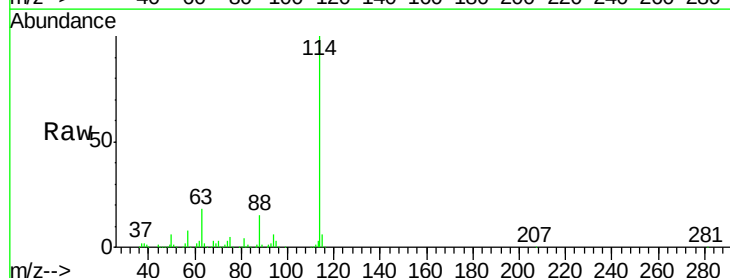
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-25(19-21)

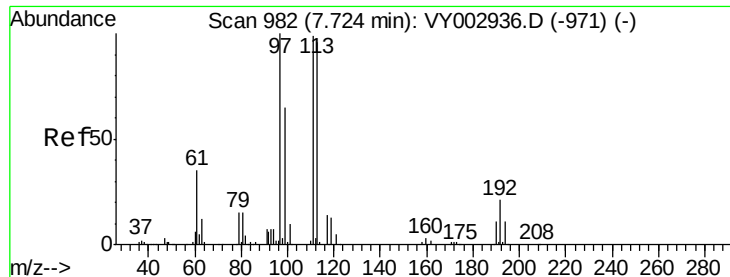
Tot Ion: 65 Resp: 136056
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

Tgt Ion: 114 Resp: 444392
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.6
 88 14.6 0.0 29.2

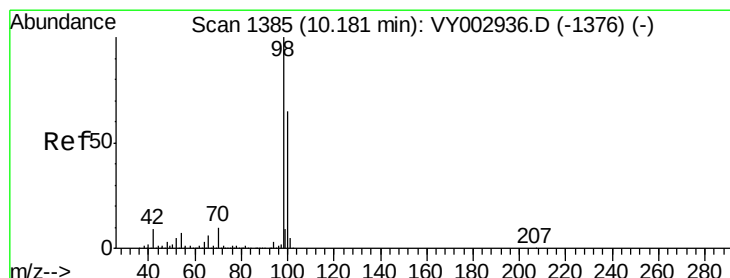
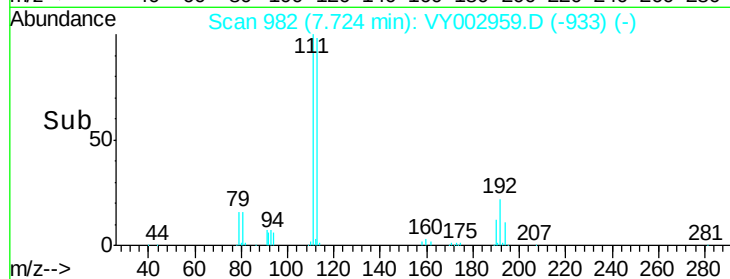
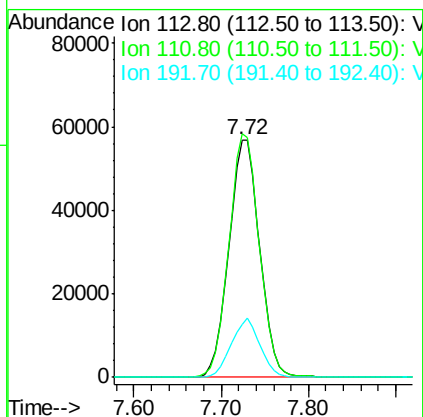
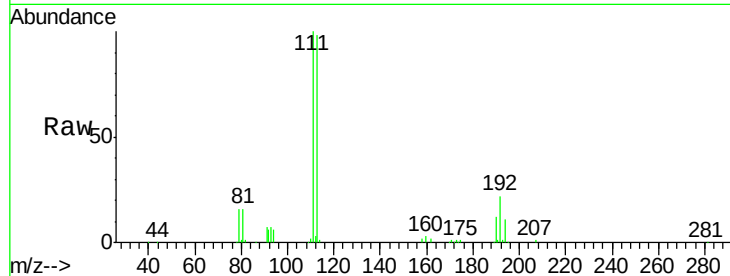




#35
 Dibromofluoromethane
 Concen: 55.181 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

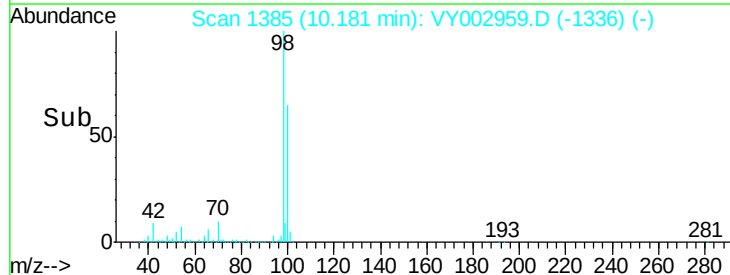
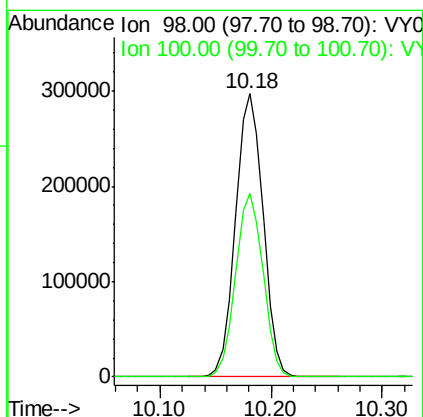
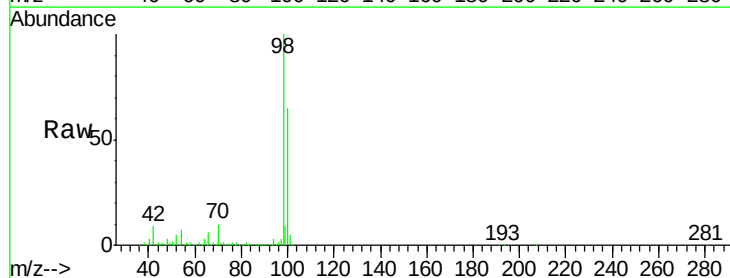
Instrument :
 MSVOA_Y
 ClientSampleId :
 MW-25(19-21)

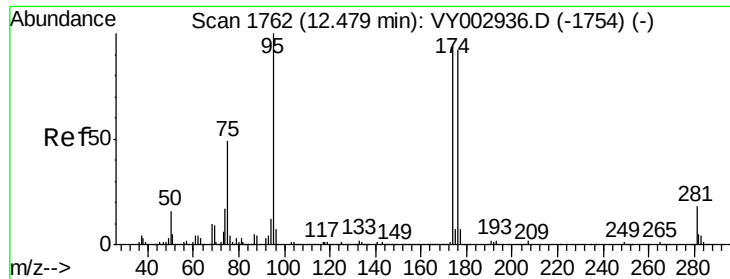
Tot Ion:113 Resp: 138750
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.5 122.3
 192 23.2 19.2 28.8



#50
 Toluene-d8
 Concen: 51.305 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY002959.D
 Acq: 19 Jun 2020 23:46

Tgt Ion: 98 Resp: 508657
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.9 77.9

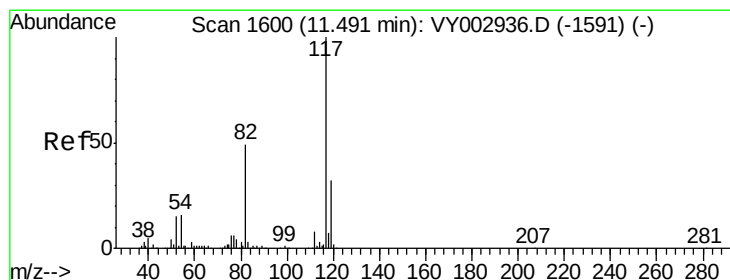
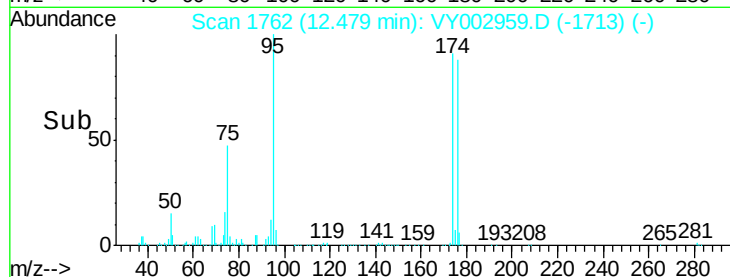
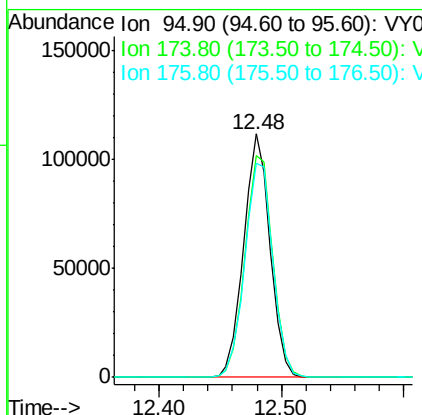
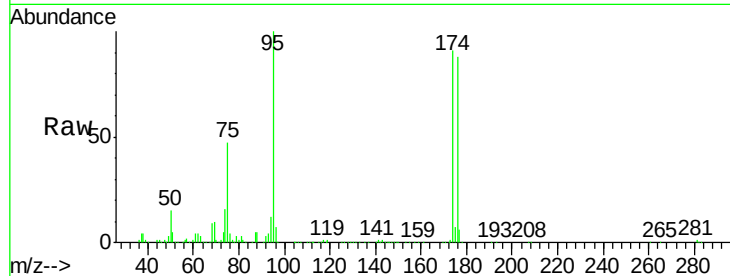




#62
4-Bromofluorobenzene
Concen: 48.628 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002959.D
Acq: 19 Jun 2020 23:46

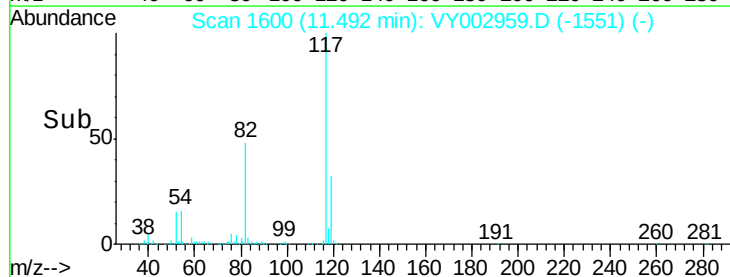
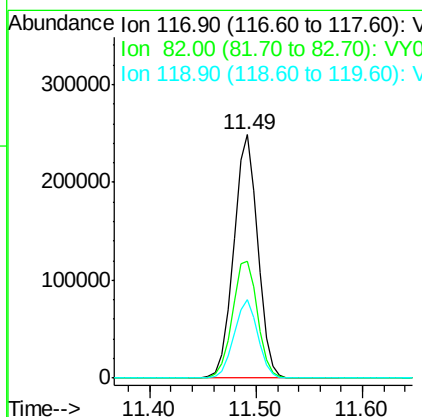
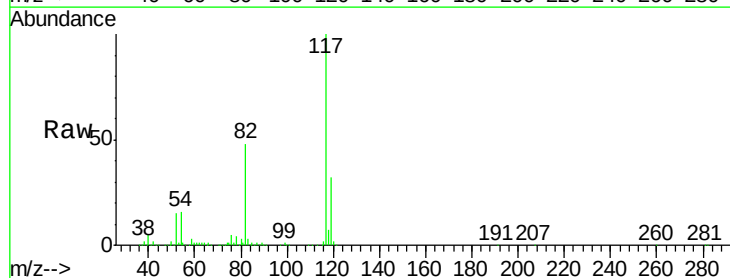
Instrument :
MSVOA_Y
ClientSampleId :
MW-25(19-21)

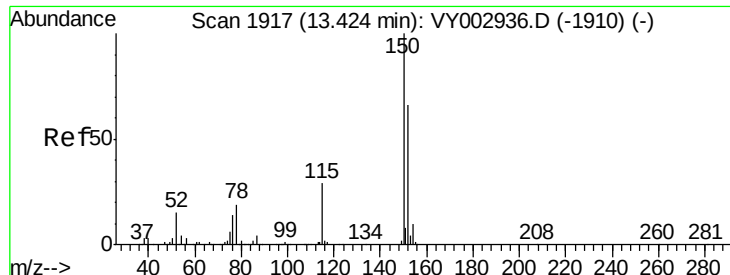
Tot Ion	95	Resp	167237
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	191.2
176	93.7	0.0	186.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002959.D
Acq: 19 Jun 2020 23:46

Tgt Ion	117	Resp	391969
Ion Ratio	Lower	Upper	
117	100		
82	48.2	39.4	59.0
119	32.0	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY002959.D

Acq: 19 Jun 2020 23:46

Instrument :

MSVOA_Y

ClientSampleId :

MW-25(19-21)

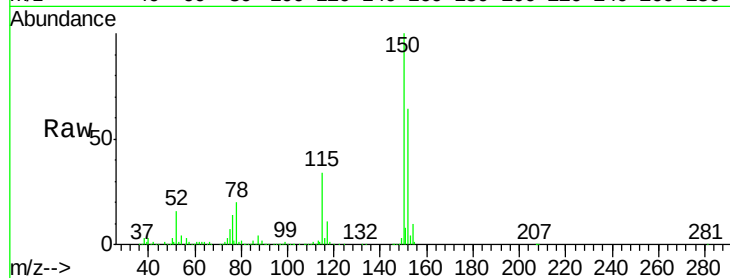
Tot Ion:152 Resp: 201437

Ion Ratio Lower Upper

152 100

115 54.1 26.9 80.6

150 157.1 0.0 341.8



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

