

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001939.D
 Acq On : 11 Mar 2020 13:42
 Operator : SY/MD
 Sample : L1871-13
 Misc : 7.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-18-(6.7-7)

Quant Time: Mar 12 02:15:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

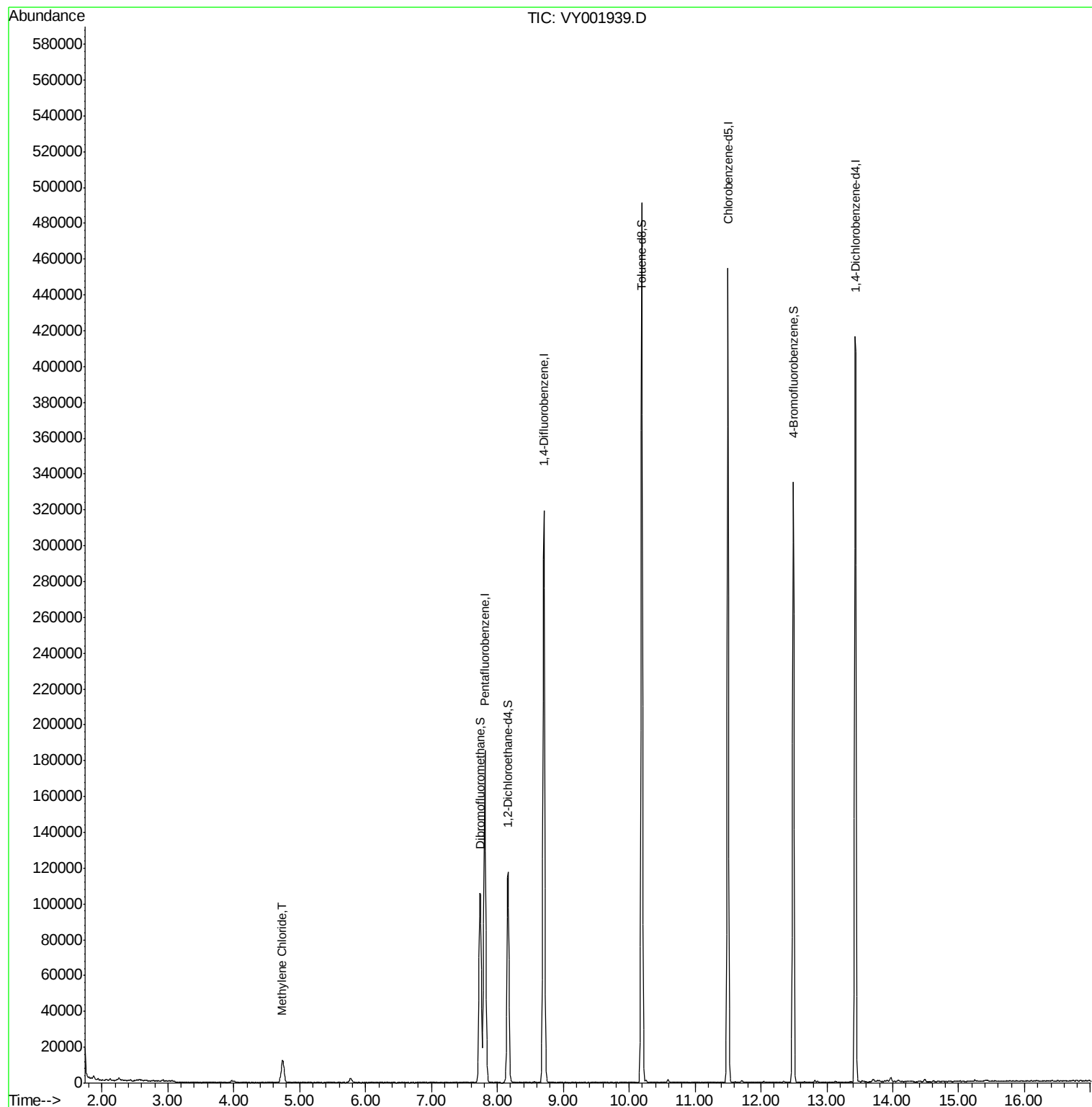
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	137689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	267428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	104419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85843	58.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.80%	
35) Dibromofluoromethane	7.74	113	78102	53.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.96%	
50) Toluene-d8	10.19	98	321495	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.49	95	105978	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
Target Compounds						
20) Methylene Chloride	4.74	84	9519	5.188	ug/l	Qvalue 97

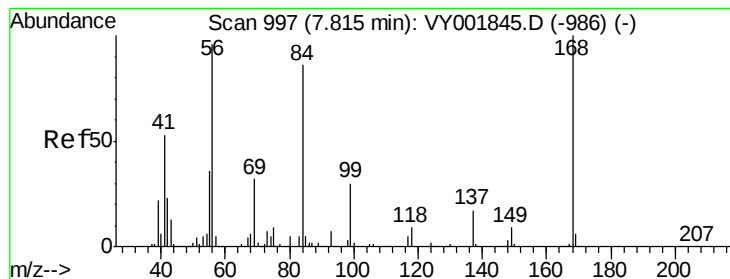
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001939.D

Acq: 11 Mar 2020 13:42

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MSVOA_Y

ClientSampleId :

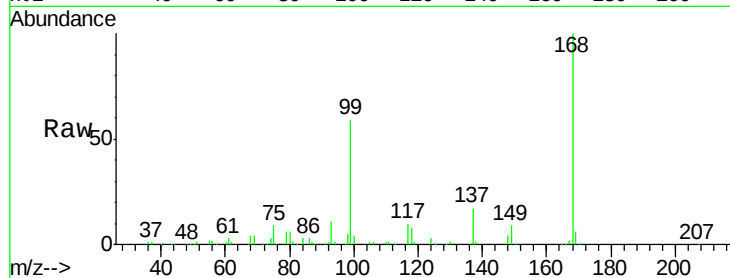
TP-18-(6.7-7)

Tot Ion:168 Resp: 137689

Ion Ratio Lower Upper

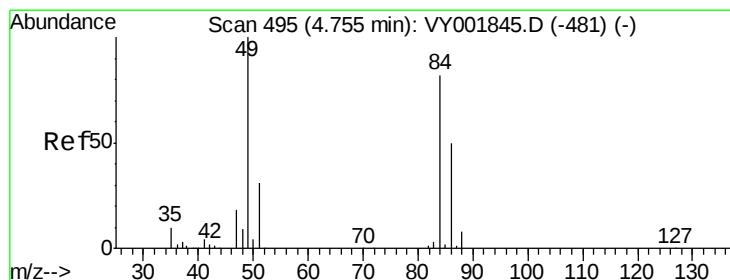
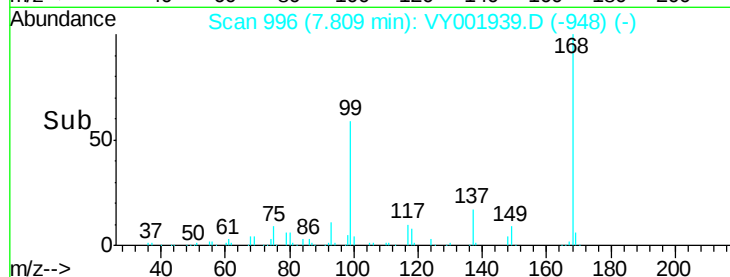
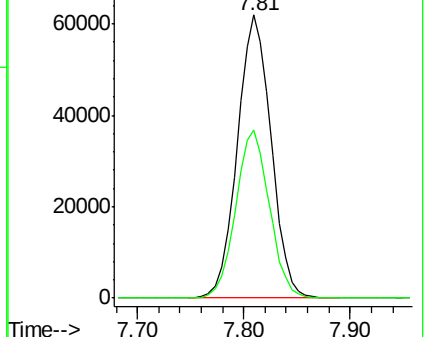
168 100

99 59.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#20

Methylene Chloride

Concen: 5.188 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.02 min

Lab File: VY001939.D

Acq: 11 Mar 2020 13:42

Tgt Ion: 84 Resp: 9519

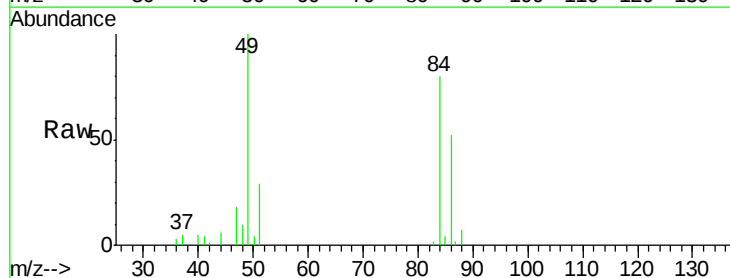
Ion Ratio Lower Upper

84 100

49 125.1 98.2 147.2

51 36.8 30.2 45.2

86 65.7 48.9 73.3

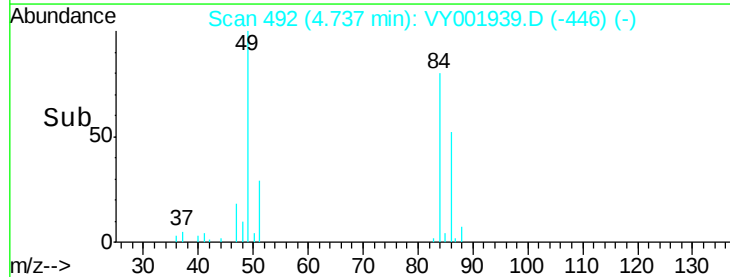
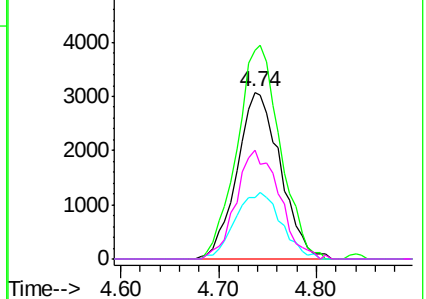


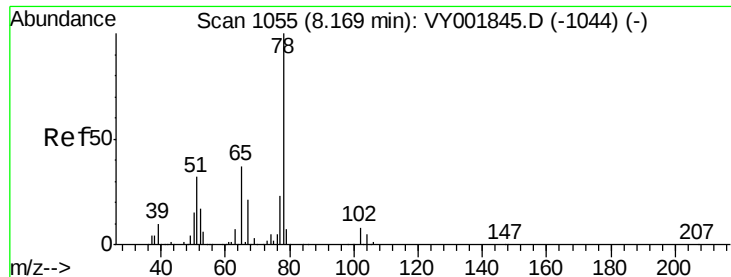
Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

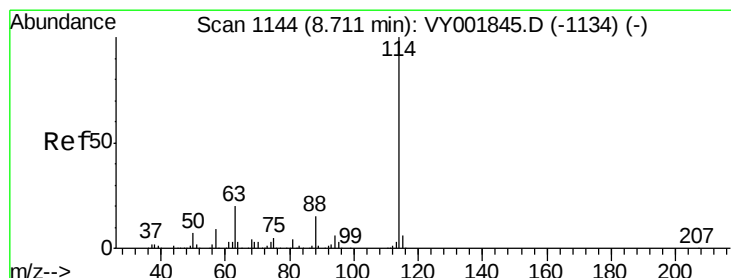
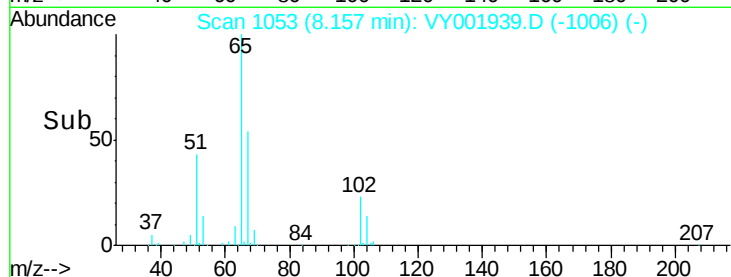
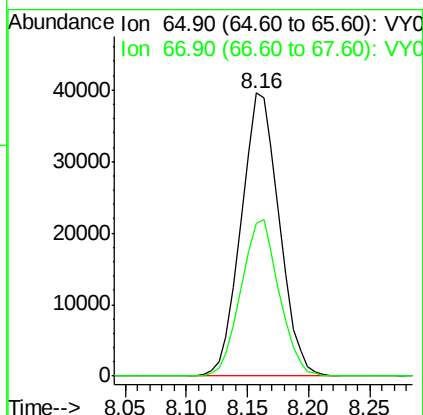
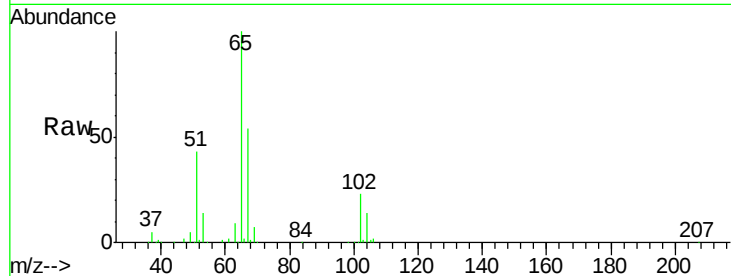




#33
 1,2-Dichloroethane-d4
 Concen: 58.400 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001939.D
 Acq: 11 Mar 2020 13:42

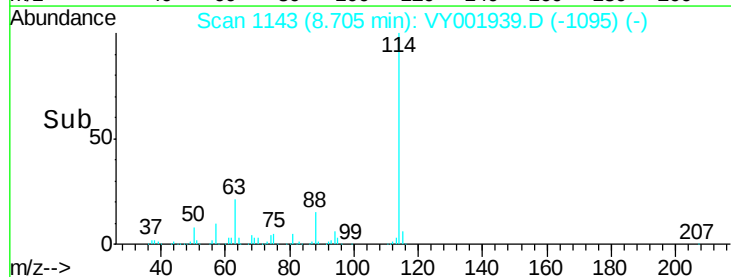
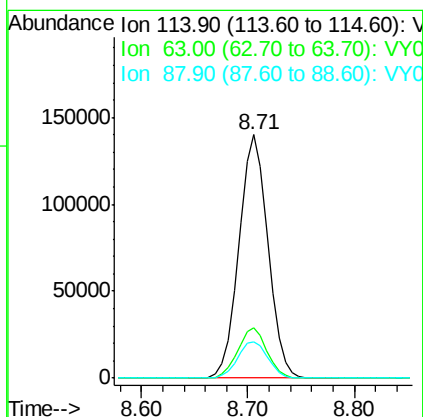
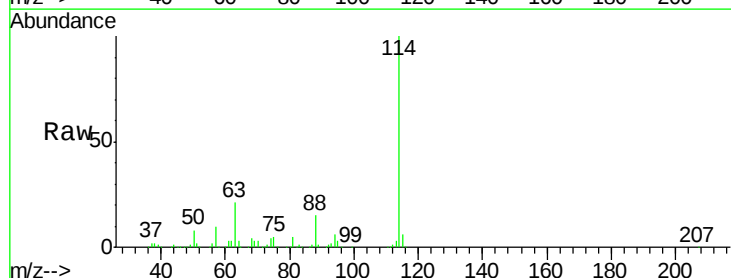
Instrument :
 MSVOA_Y
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 TP-18-(6.7-7)

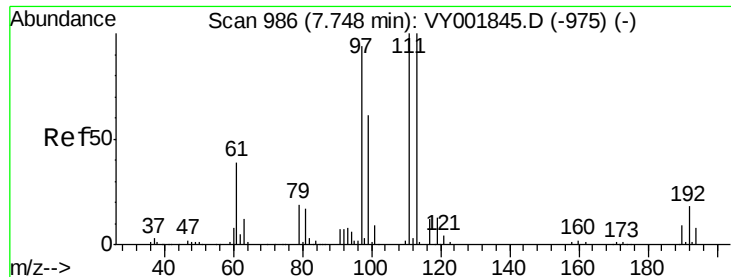
Tot Ion: 65 Resp: 85843
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001939.D
 Acq: 11 Mar 2020 13:42

Tgt Ion: 114 Resp: 267428
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.4
 88 14.8 0.0 30.4

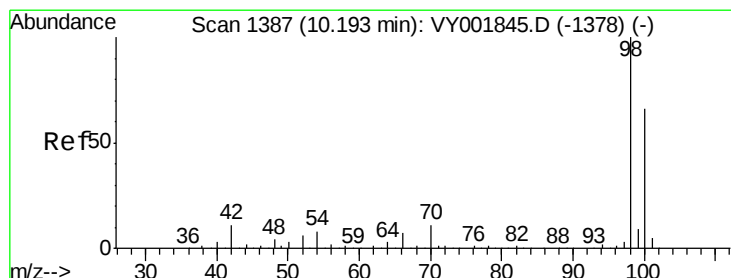
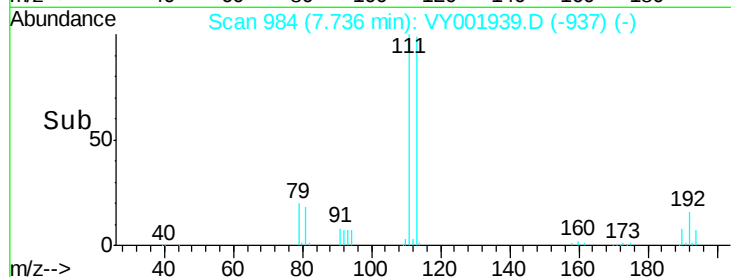
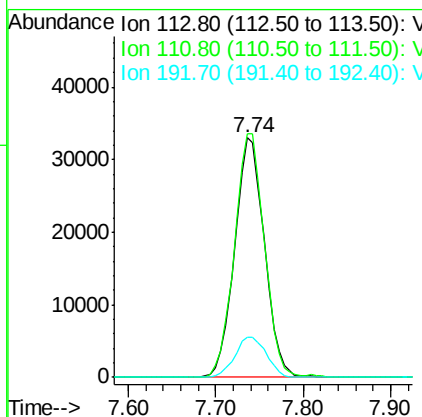
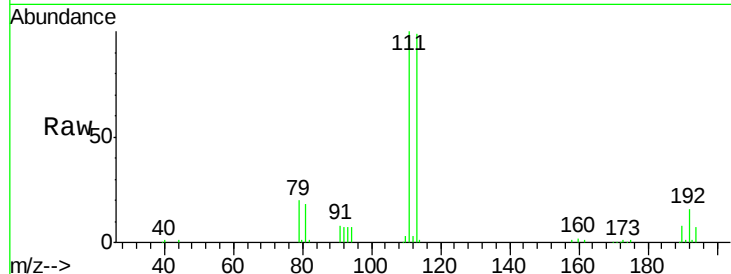




#35
Dibromofluoromethane
Concen: 53.484 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001939.D
Acq: 11 Mar 2020 13:42

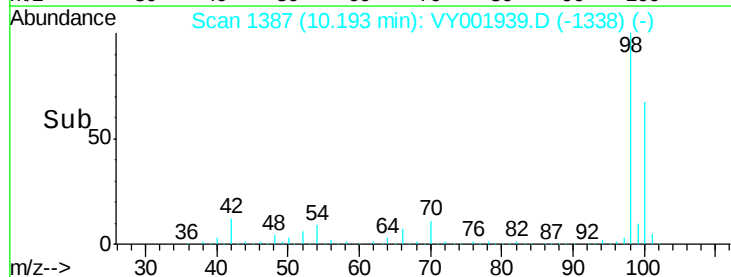
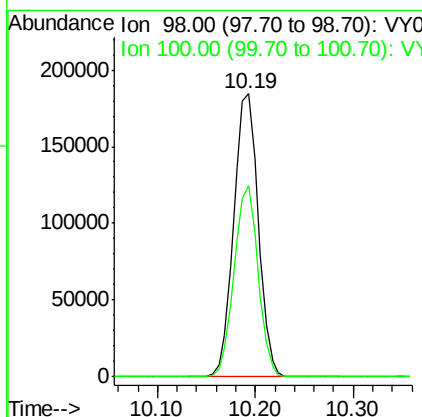
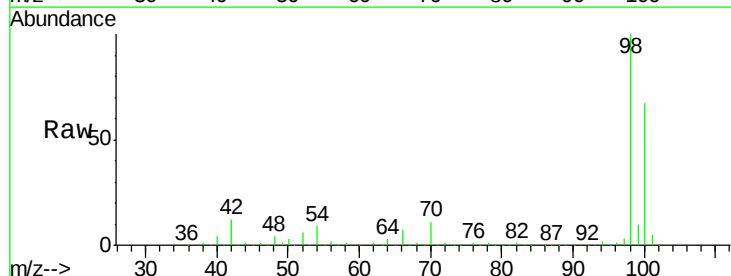
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(6.7-7)

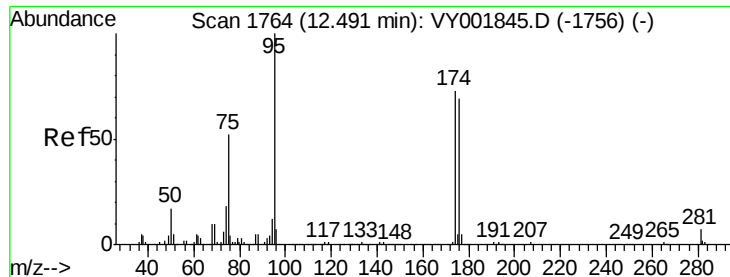
Tot Ion:113 Resp: 78102
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 17.6 14.2 21.2



#50
Toluene-d8
Concen: 52.210 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001939.D
Acq: 11 Mar 2020 13:42

Tgt Ion: 98 Resp: 321495
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

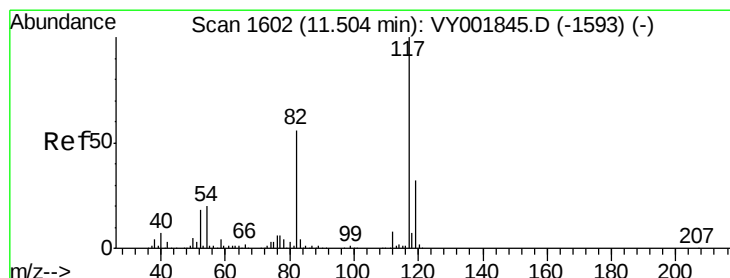
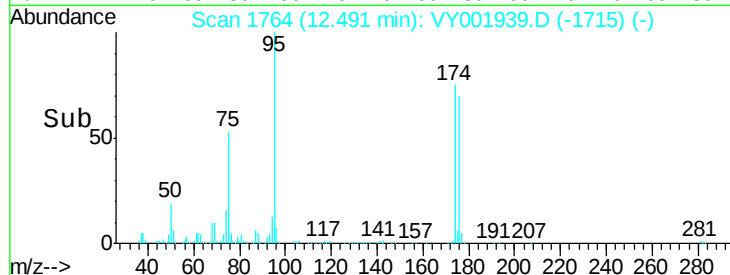
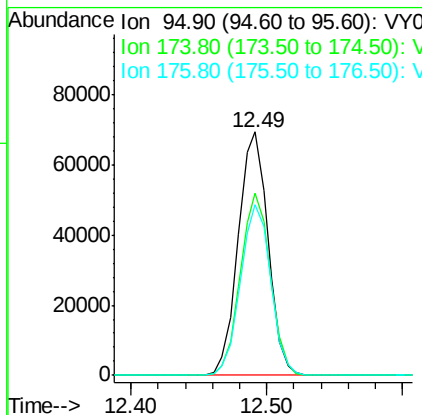
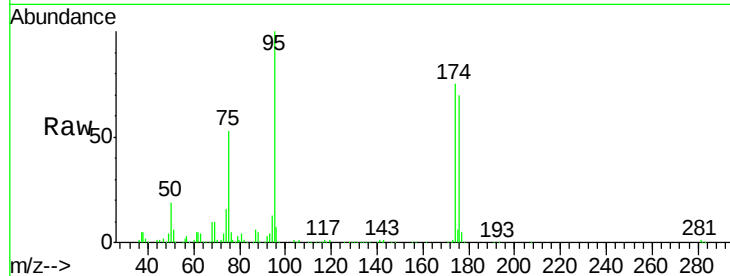




#62
4-Bromofluorobenzene
Concen: 49.496 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001939.D
Acq: 11 Mar 2020 13:42

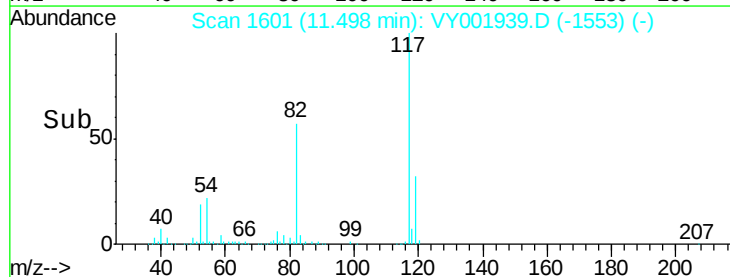
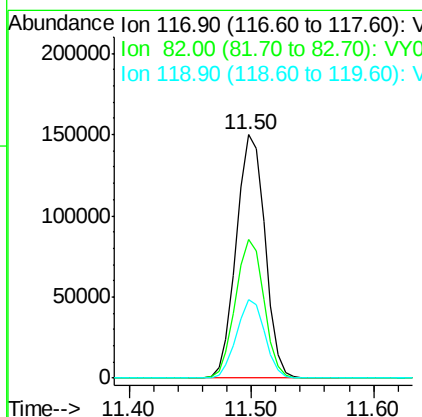
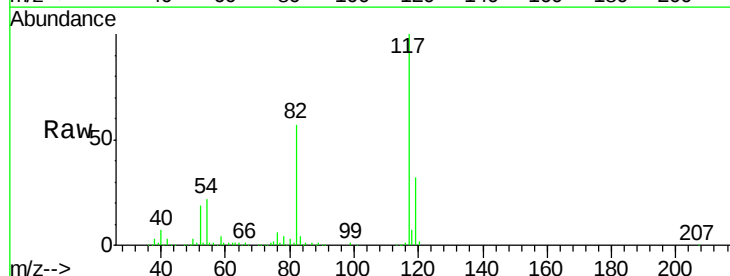
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(6.7-7)

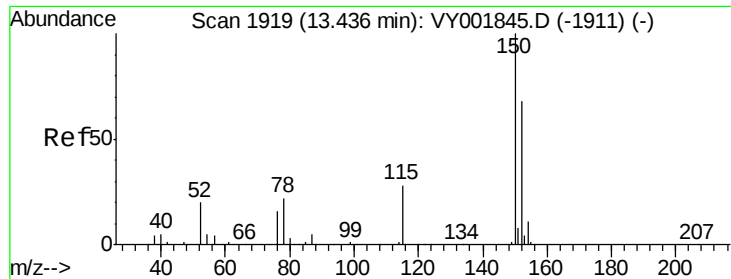
Tot Ion: 95 Resp: 105978
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.0
176 71.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001939.D
Acq: 11 Mar 2020 13:42

Tgt Ion: 117 Resp: 243045
Ion Ratio Lower Upper
117 100
82 56.7 44.5 66.7
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001939.D

Acq: 11 Mar 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-18-(6.7-7)

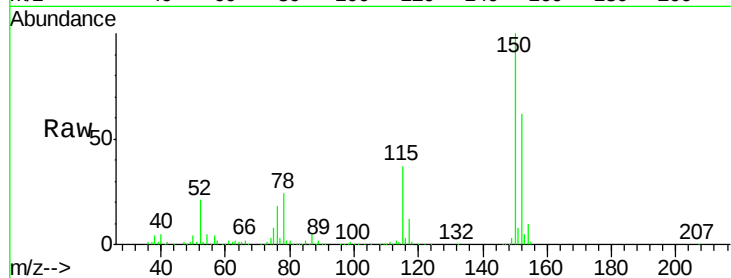
Tot Ion:152 Resp: 104419

Ion Ratio Lower Upper

152 100

115 61.5 29.9 89.7

150 158.4 0.0 340.6



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

