

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001796.D
 Acq On : 28 Feb 2020 12:06
 Operator : SY/MD
 Sample : L1723-01
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-(1.5-2)

Quant Time: Feb 28 13:50:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

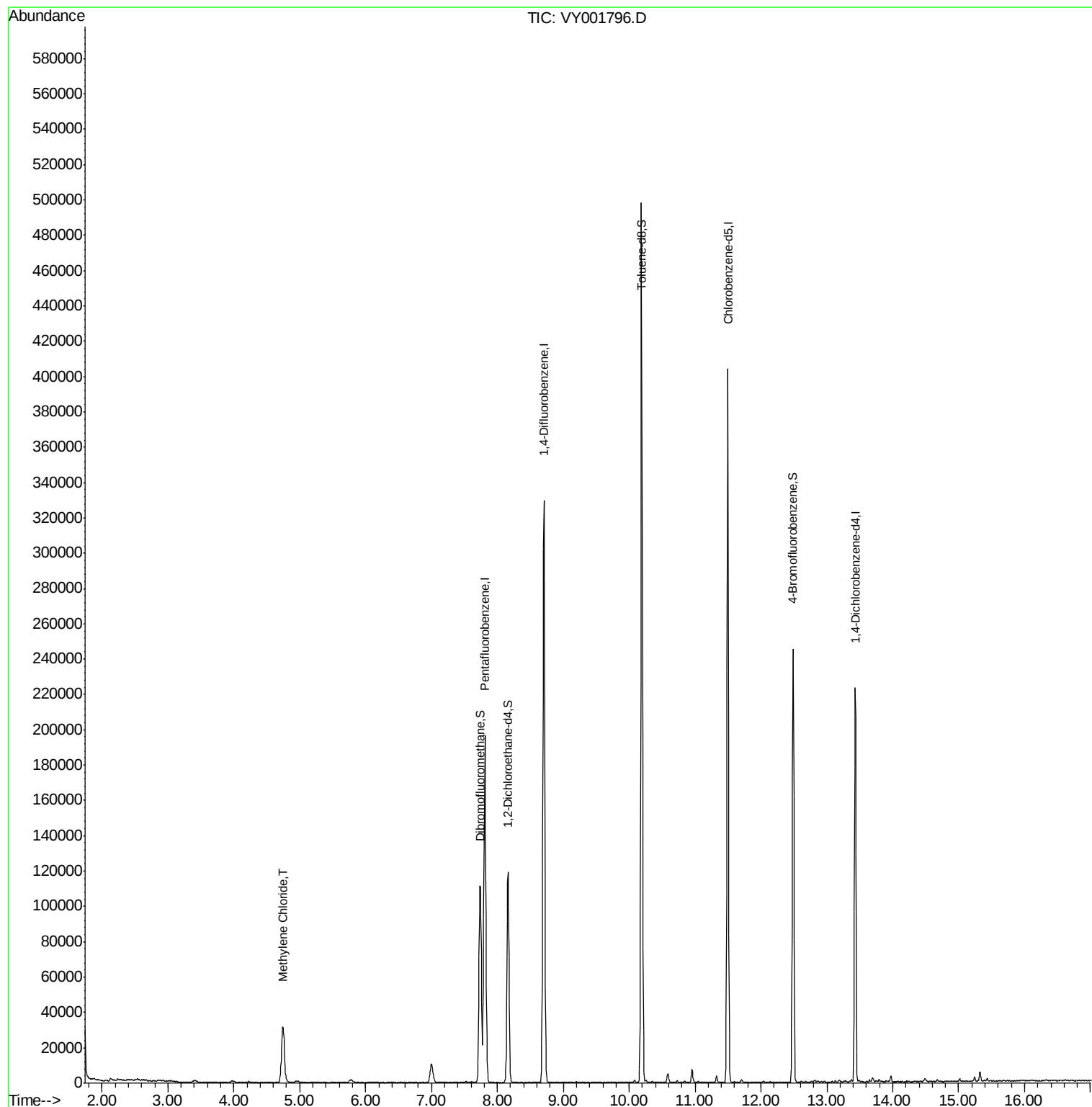
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	150230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	218612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	55038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86178	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
35) Dibromofluoromethane	7.74	113	83089	51.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.74%	
50) Toluene-d8	10.19	98	331053	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.49	95	77840	31.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.86%	
Target Compounds						
20) Methylene Chloride	4.74	84	23829	11.998	ug/l	Qvalue 98

(#) = 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: VY001796.D

Acq: 28 Feb 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

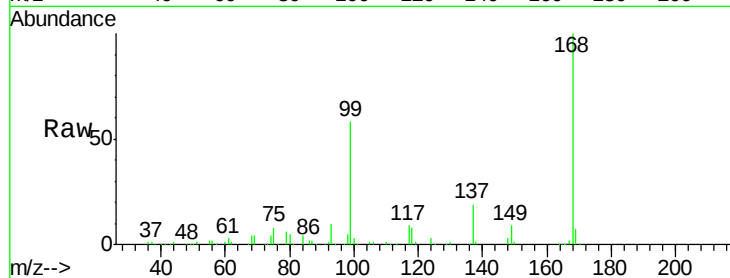
B3-(1.5-2)

Tot Ion:168 Resp: 150230

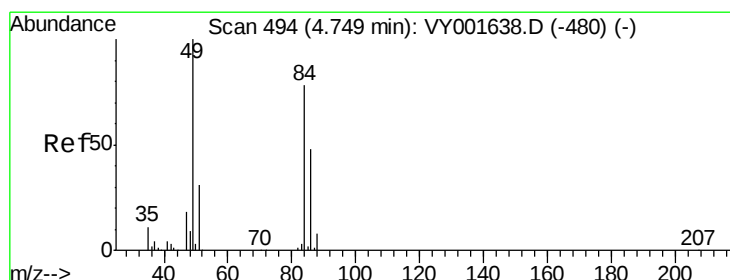
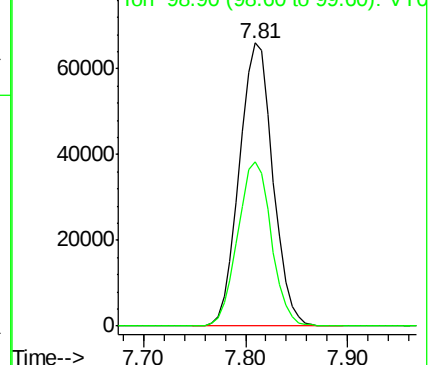
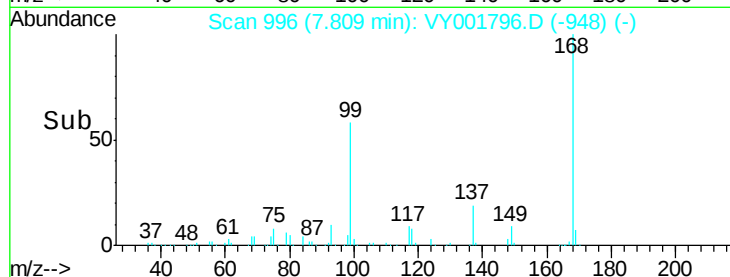
Ion Ratio Lower Upper

168 100

99 57.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001796.D (-948) (-)



#20

Methylene Chloride

Concen: 11.998 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Tgt Ion: 84 Resp: 23829

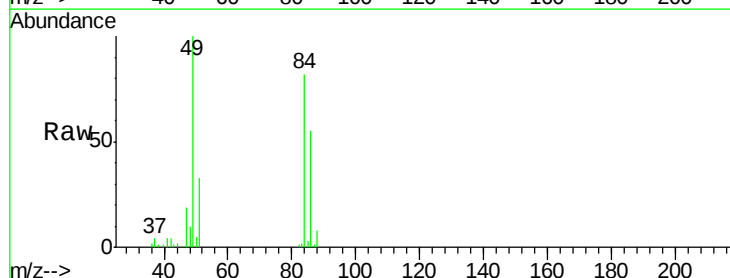
Ion Ratio Lower Upper

84 100

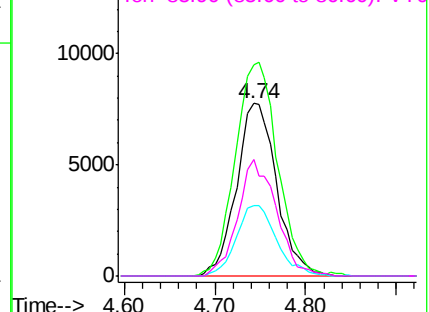
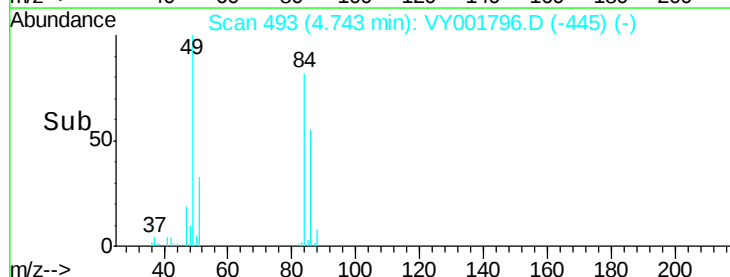
49 122.7 99.2 148.8

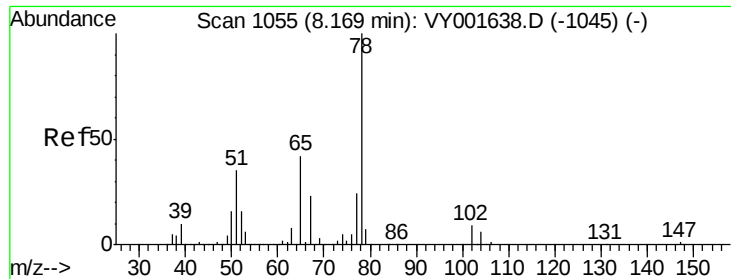
51 40.7 31.5 47.3

86 67.5 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001796.D (-445) (-)





#33

1,2-Dichloroethane-d4

Concen: 53.330 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

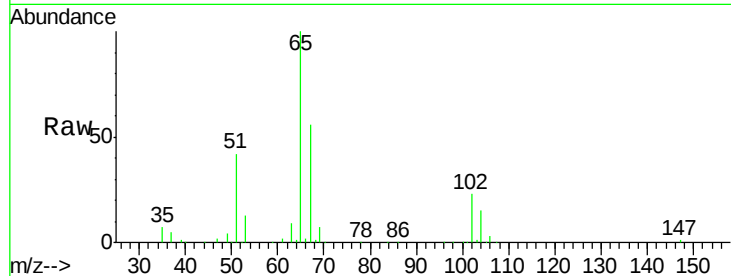
B3-(1.5-2)

Tot Ion: 65 Resp: 86178

Ion Ratio Lower Upper

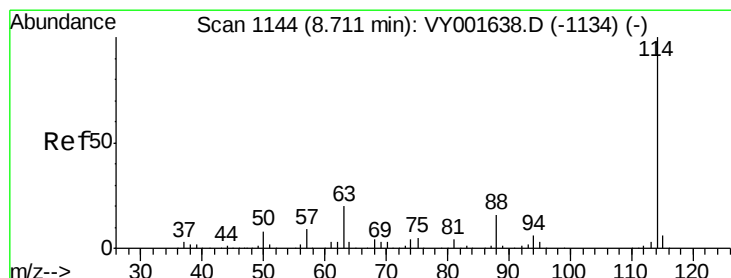
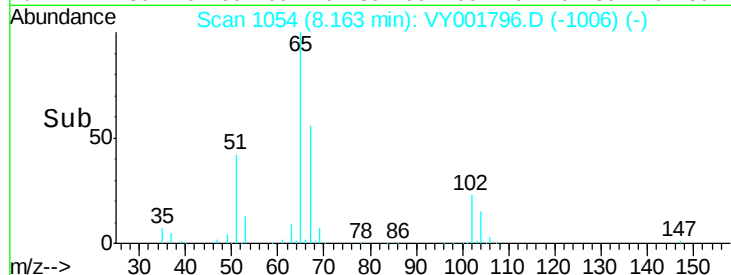
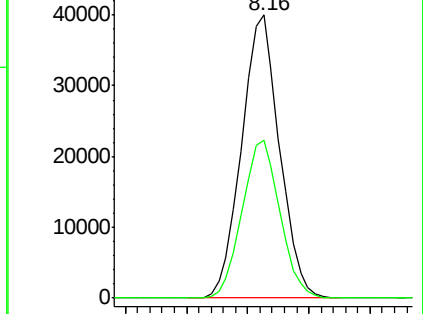
65 100

67 55.6 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: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

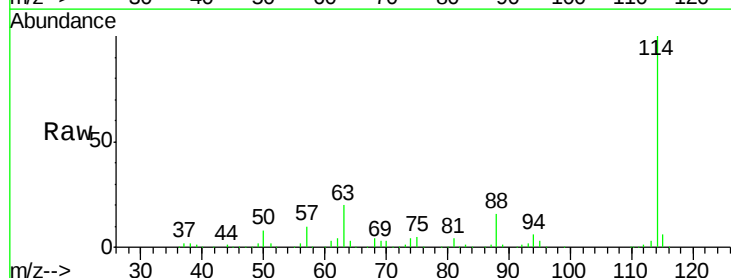
Tgt Ion: 114 Resp: 279664

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

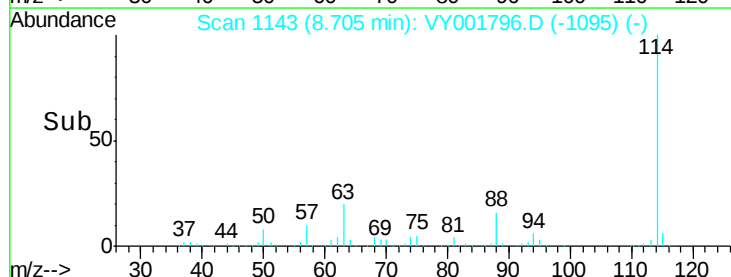
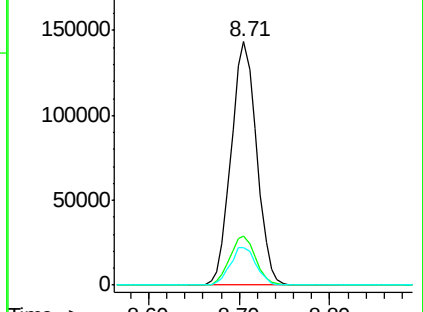
88 15.7 0.0 32.8

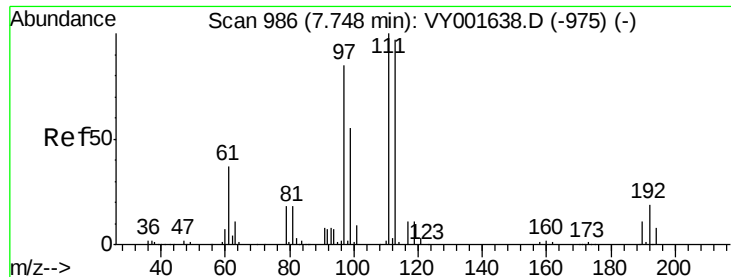


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

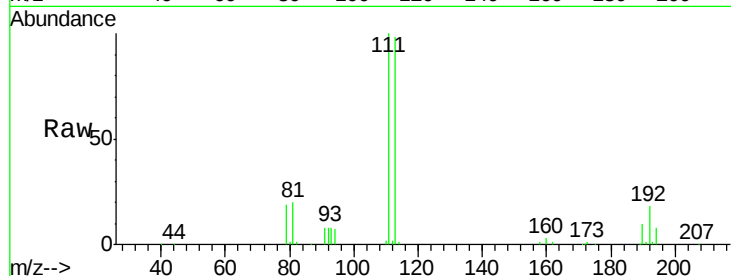




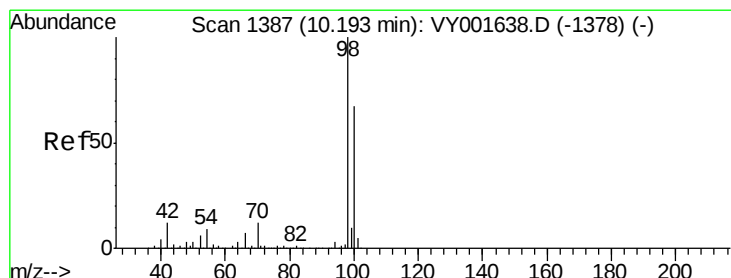
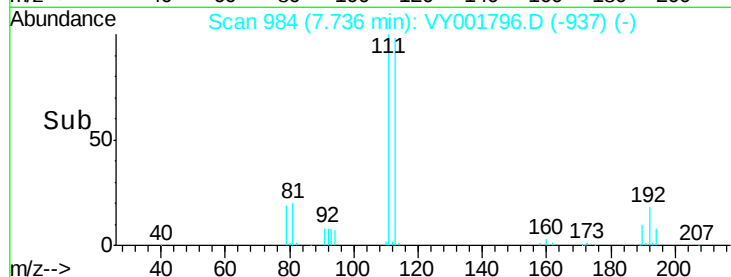
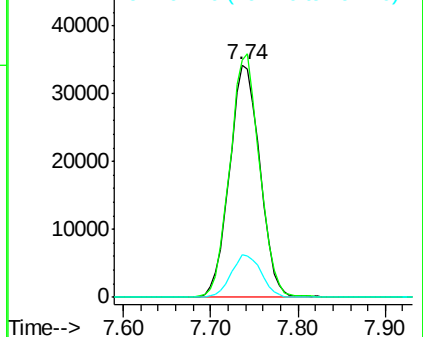
#35
Dibromofluoromethane
Concen: 51.873 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

Instrument :
MSVOA_Y
ClientSampleId :
B3-(1.5-2)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	17.9	14.3	21.5

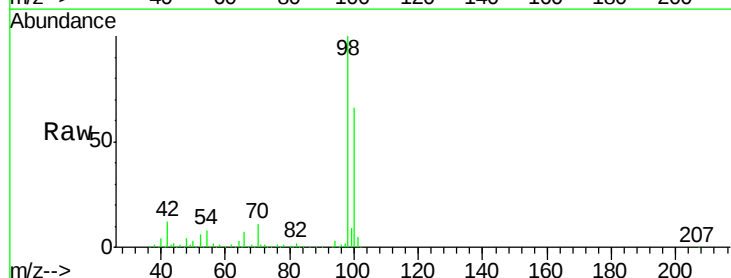


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

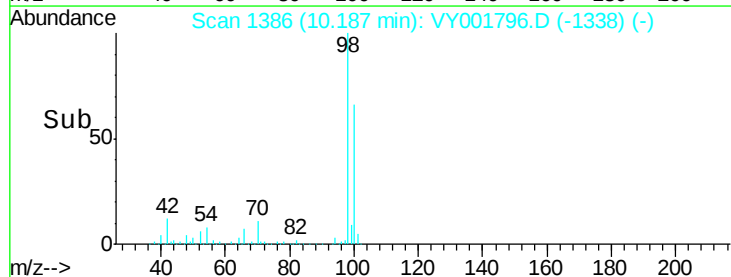
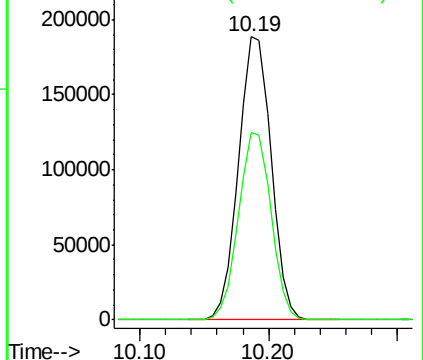


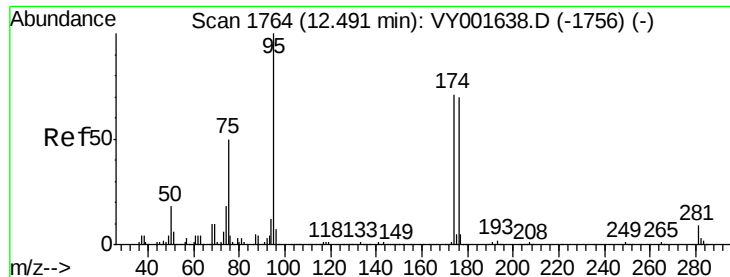
#50
Toluene-d8
Concen: 52.755 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

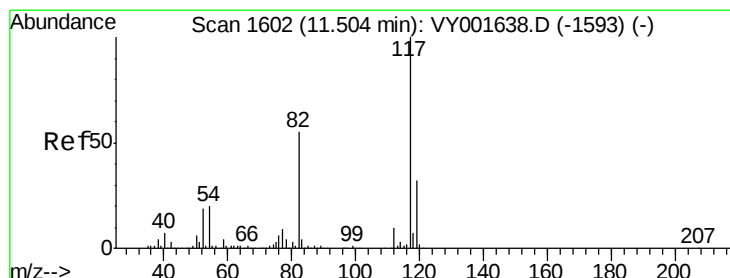
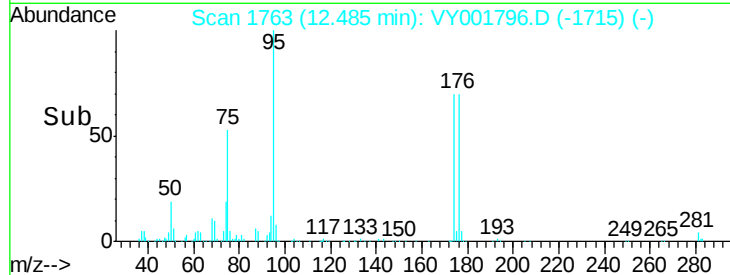
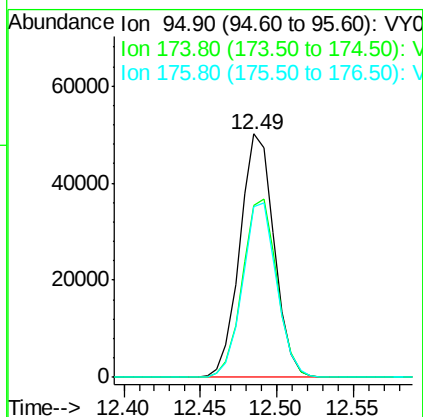
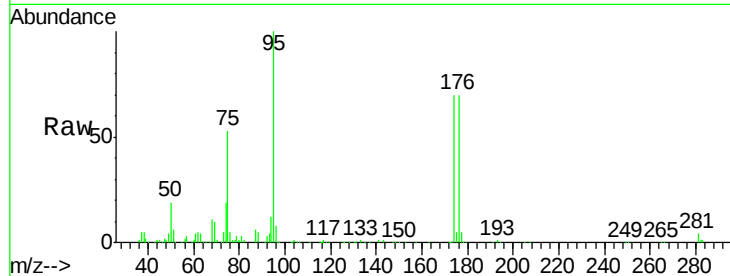




#62
4-Bromofluorobenzene
Concen: 31.929 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

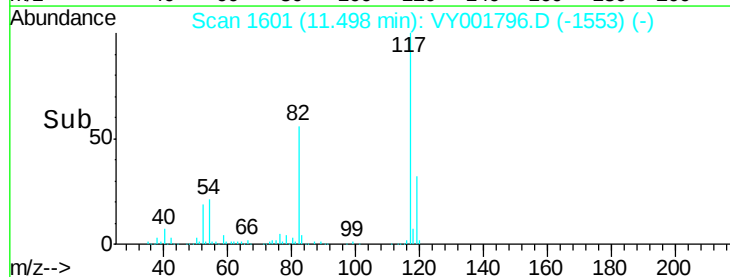
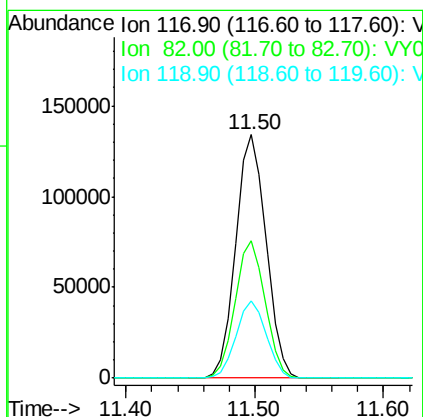
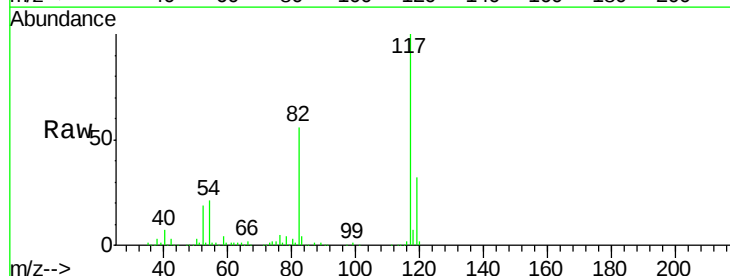
Instrument :
MSVOA_Y
ClientSampleId :
B3-(1.5-2)

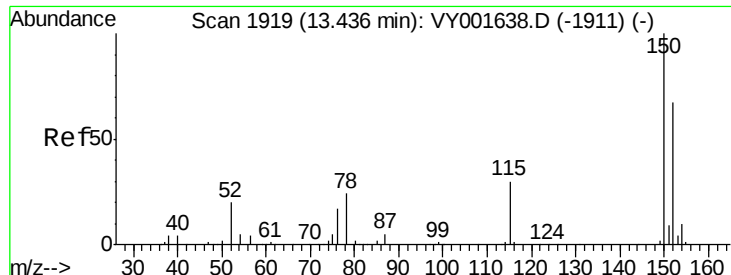
Tot Ion: 95 Resp: 77840
Ion Ratio Lower Upper
95 100
174 73.6 0.0 138.4
176 71.4 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001796.D
Acq: 28 Feb 2020 12:06

Tgt Ion: 117 Resp: 218612
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001796.D

Acq: 28 Feb 2020 12:06

Instrument :

MSVOA_Y

ClientSampleId :

B3-(1.5-2)

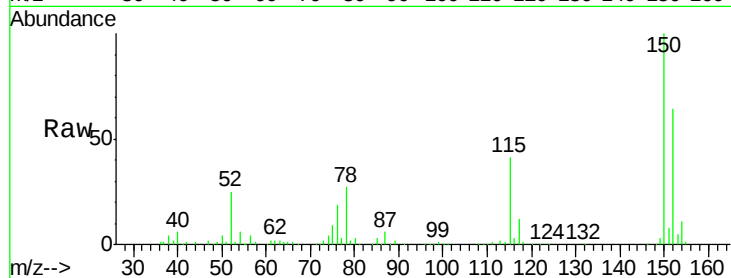
Tot Ion:152 Resp: 55038

Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.2

150 156.0 0.0 407.2



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

