

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001997.D
 Acq On : 17 Mar 2020 16:48
 Operator : SY/MD
 Sample : L1958-02
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-104-1-2

Quant Time: Mar 30 15:34:45 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

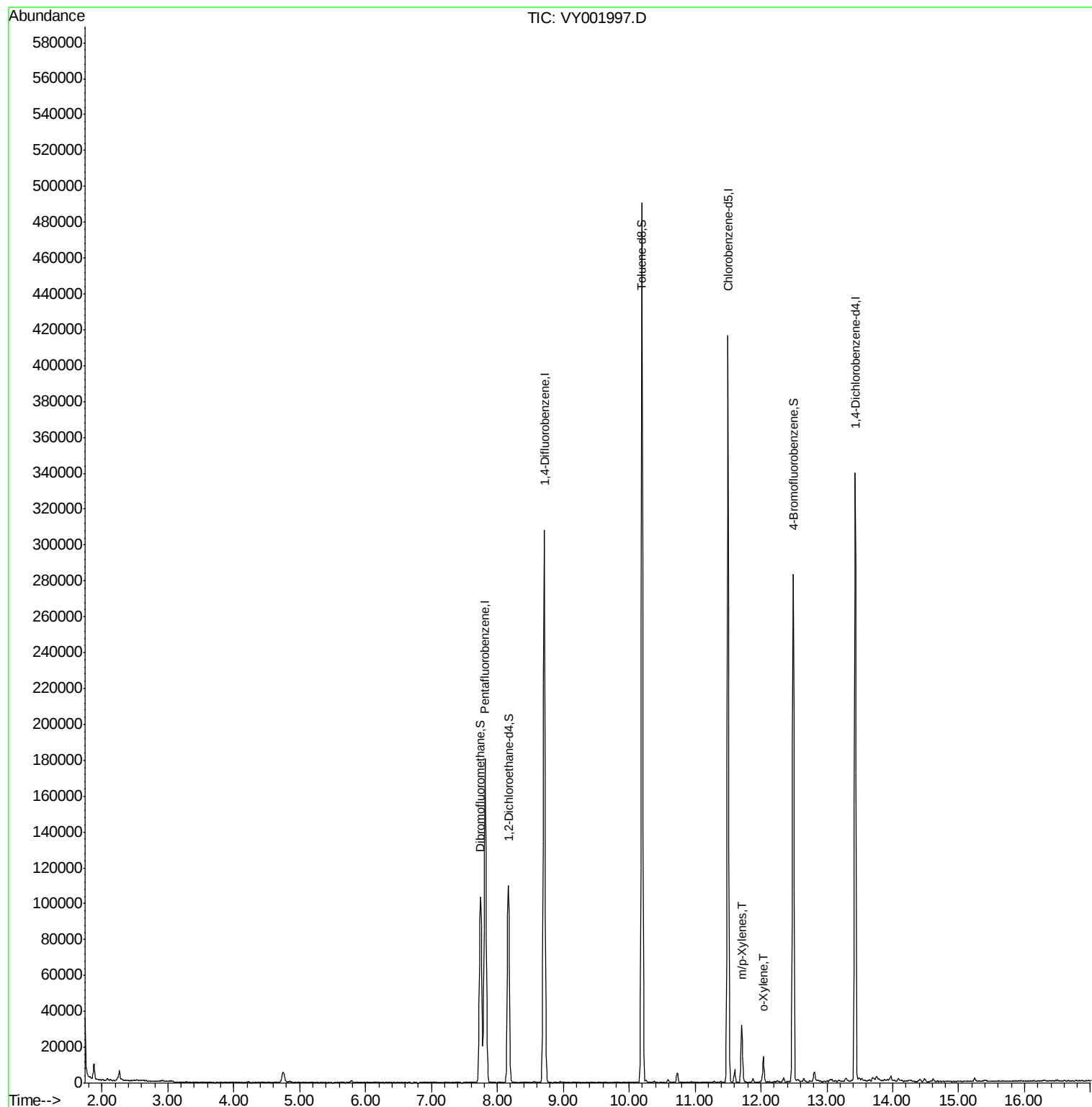
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	134373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	224936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	81378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	82132	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	
35) Dibromofluoromethane	7.74	113	76154	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	10.19	98	314953	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.49	95	95241	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
Target Compounds						
68) m/p-Xylenes	11.70	106	9549	3.090	ug/l	99
69) o-Xylene	12.04	106	3695	1.269	ug/l	98

(#) = 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: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001997.D

Acq: 17 Mar 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

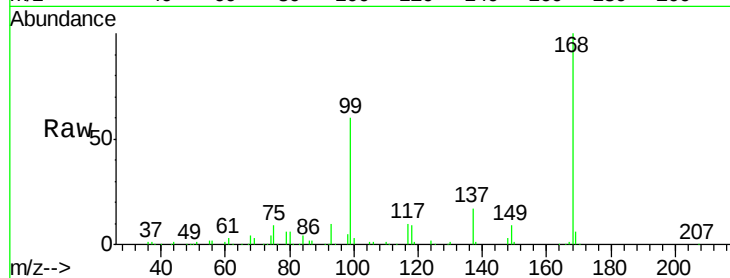
GHD1-SB-104-1-2

Tot Ion:168 Resp: 134373

Ion Ratio Lower Upper

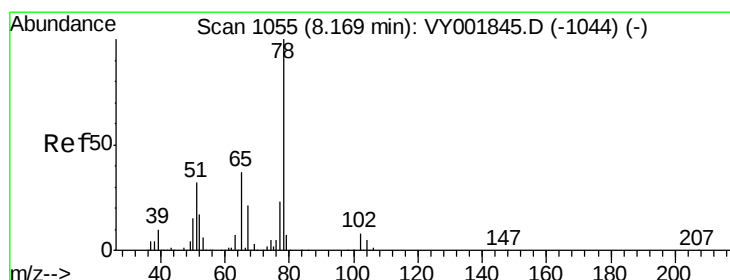
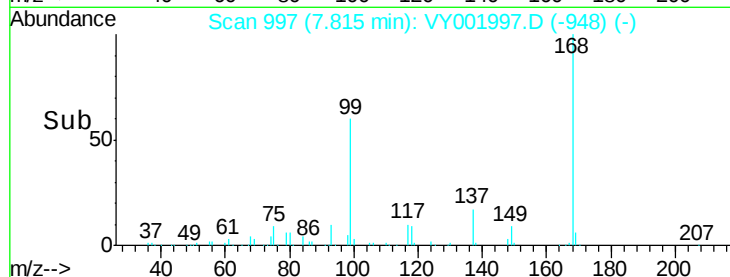
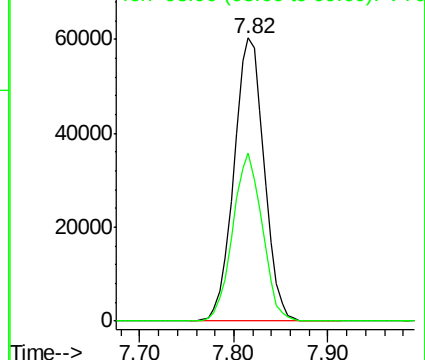
168 100

99 59.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001997.D

Ion 98.90 (98.60 to 99.60): VY001997.D



#33

1,2-Dichloroethane-d4

Concen: 57.254 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001997.D

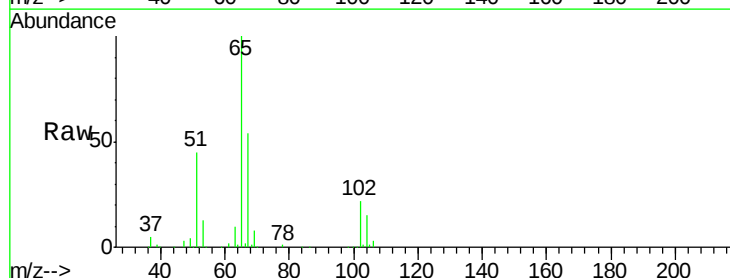
Acq: 17 Mar 2020 16:48

Tgt Ion: 65 Resp: 82132

Ion Ratio Lower Upper

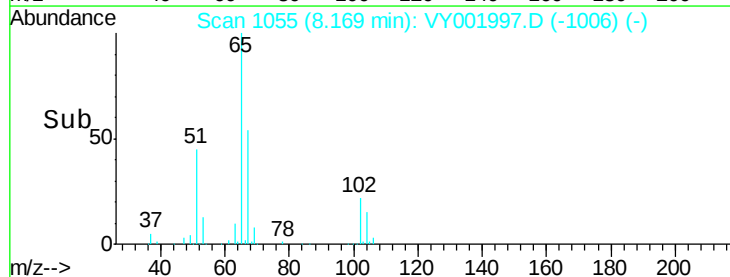
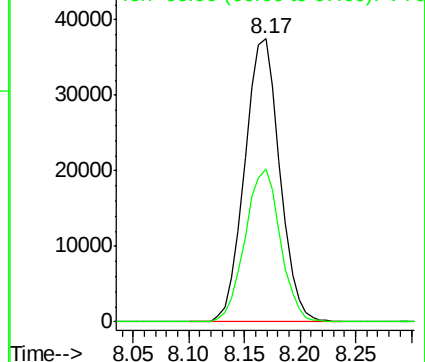
65 100

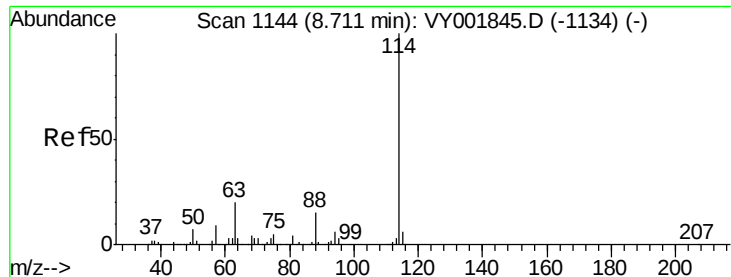
67 54.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001997.D

Ion 66.90 (66.60 to 67.60): VY001997.D





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001997.D

Acq: 17 Mar 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-104-1-2

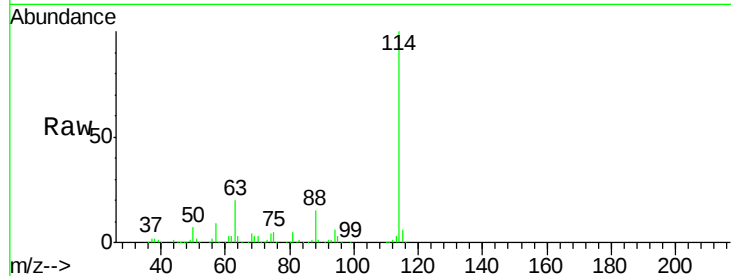
Tot Ion:114 Resp: 261323

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

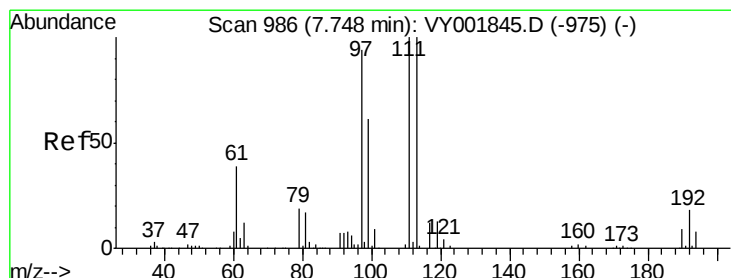
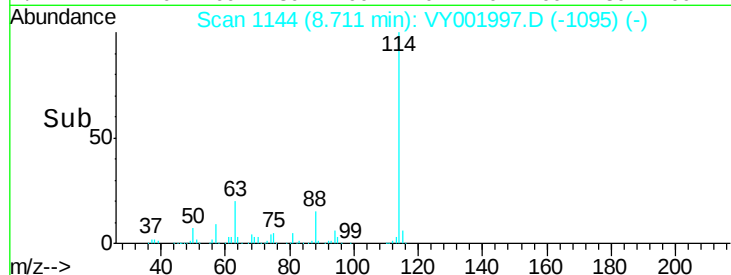
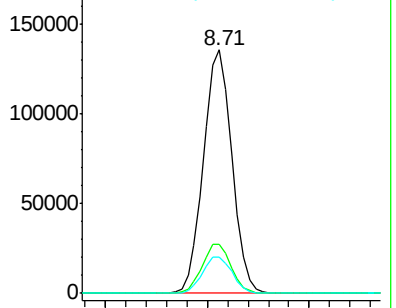
88 15.0 0.0 30.4



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: 53.369 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001997.D

Acq: 17 Mar 2020 16:48

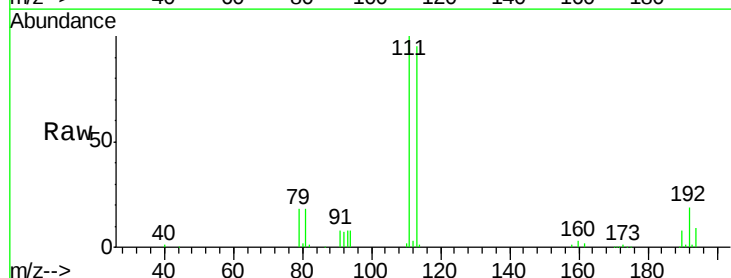
Tgt Ion:113 Resp: 76154

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

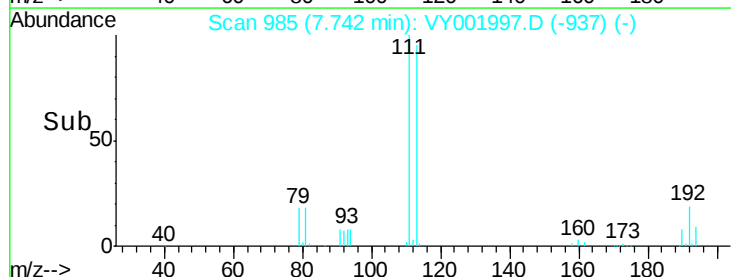
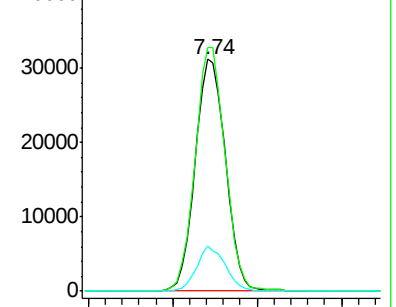
192 18.2 14.2 21.2

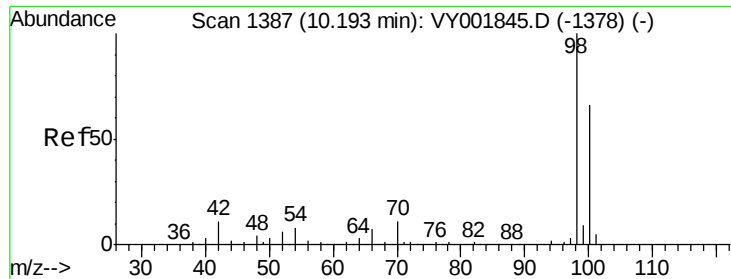


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.342 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001997.D

Acq: 17 Mar 2020 16:48

Instrument :

MSVOA_Y

ClientSampleId :

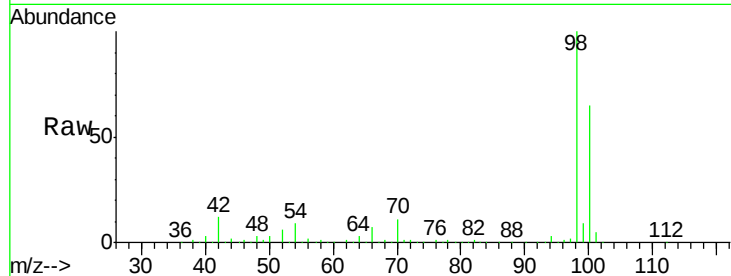
GHD1-SB-104-1-2

Tot Ion: 98 Resp: 314953

Ion Ratio Lower Upper

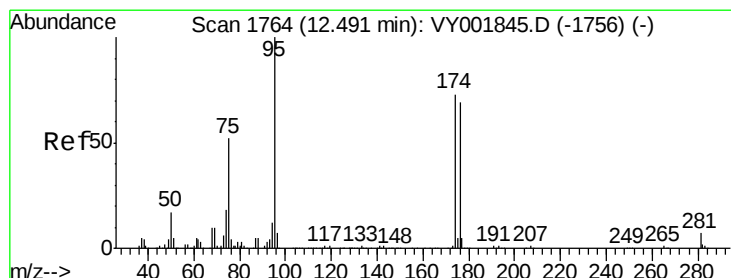
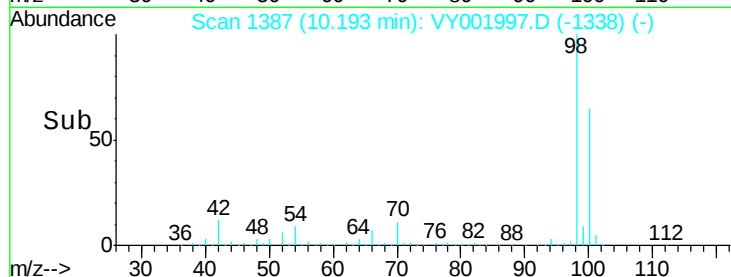
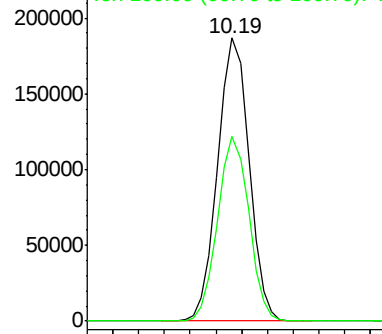
98 100

100 65.0 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: 45.521 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001997.D

Acq: 17 Mar 2020 16:48

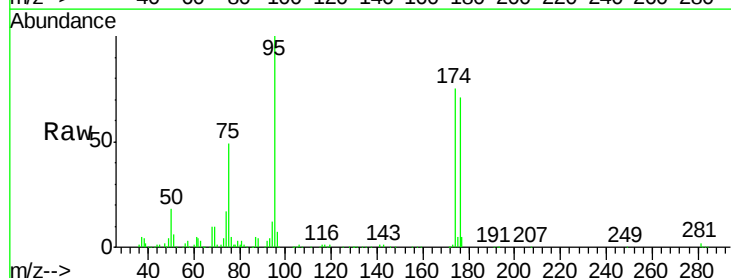
Tgt Ion: 95 Resp: 95241

Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.0

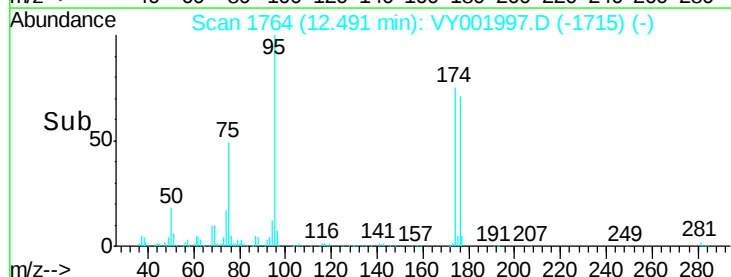
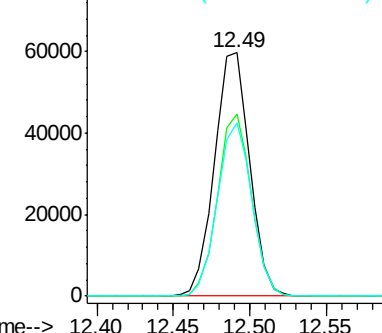
176 69.9 0.0 137.4

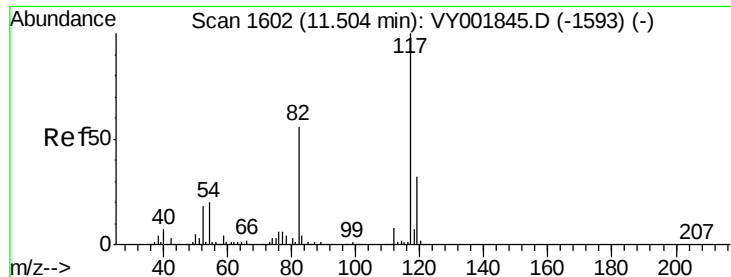


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

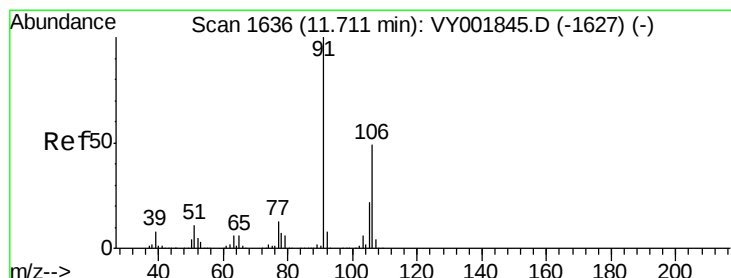
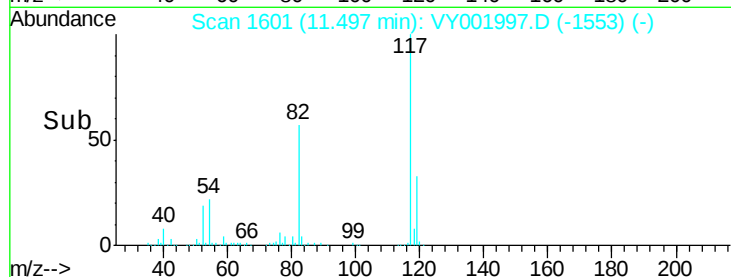
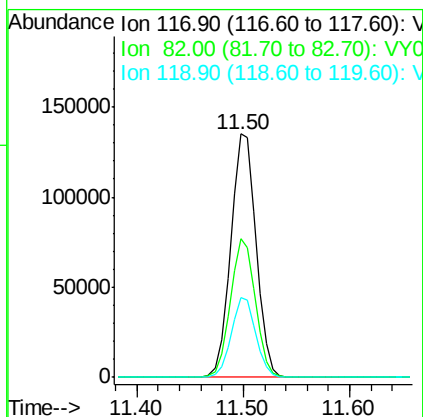
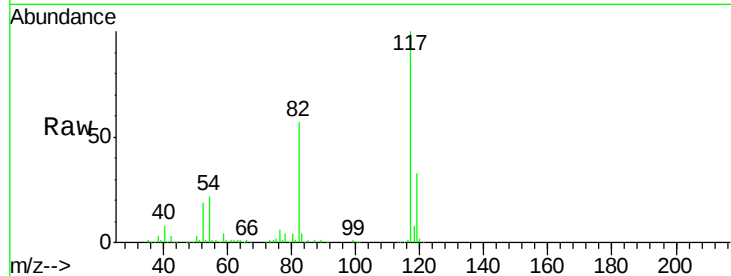




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001997.D
Acq: 17 Mar 2020 16:48

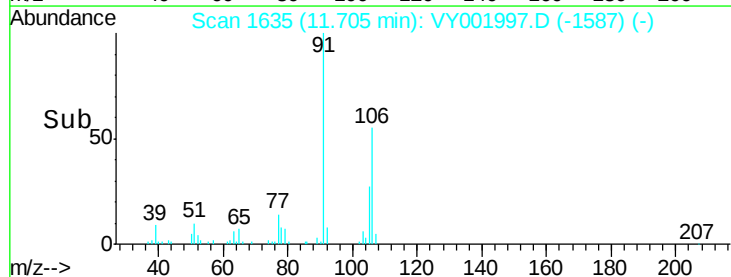
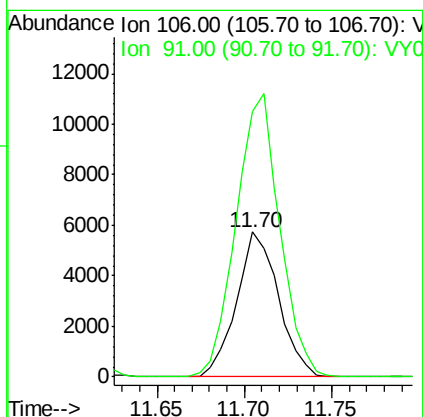
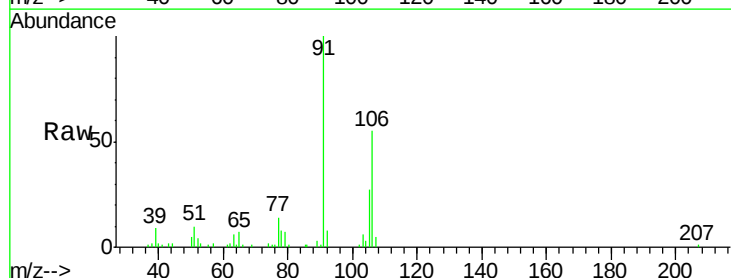
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-104-1-2

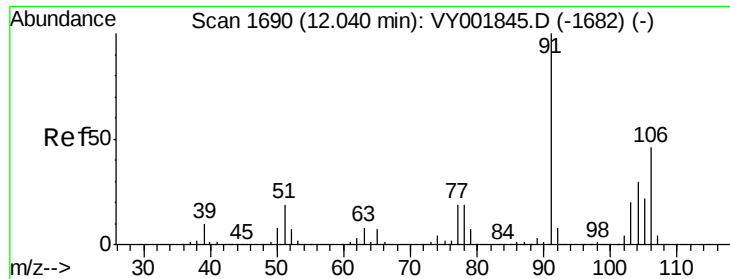
Tot Ion:117 Resp: 224936
Ion Ratio Lower Upper
117 100
82 57.0 44.5 66.7
119 32.9 25.7 38.5



#68
m/p-Xylenes
Concen: 3.090 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001997.D
Acq: 17 Mar 2020 16:48

Tgt Ion:106 Resp: 9549
Ion Ratio Lower Upper
106 100
91 203.1 161.3 241.9

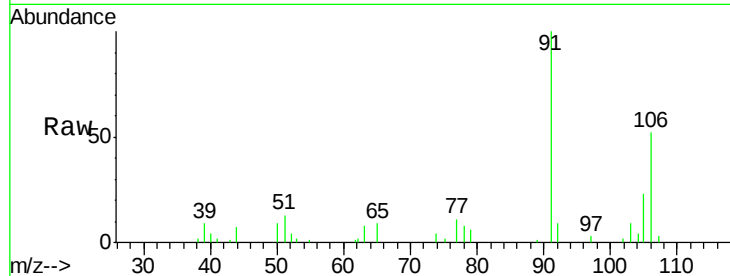




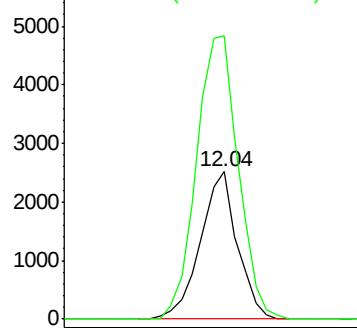
#69
o-Xylene
Concen: 1.269 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001997.D
Acq: 17 Mar 2020 16:48

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-104-1-2

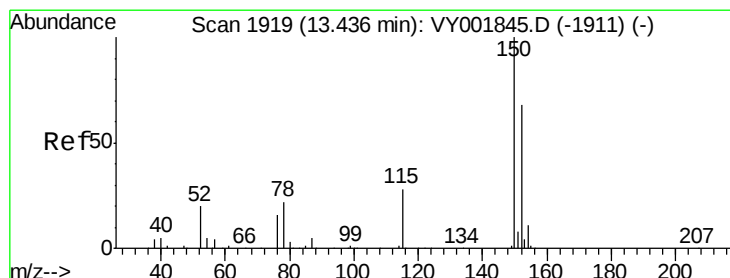
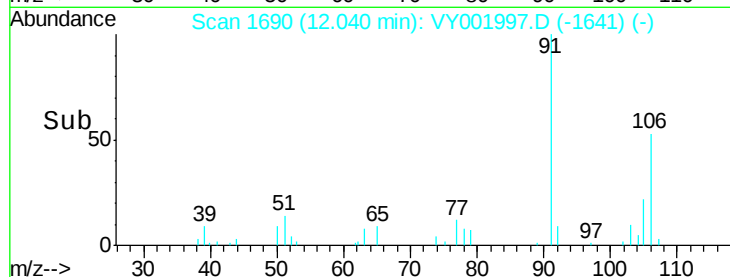
Tot Ion:106 Resp: 3695
Ion Ratio Lower Upper
106 100
91 216.4 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

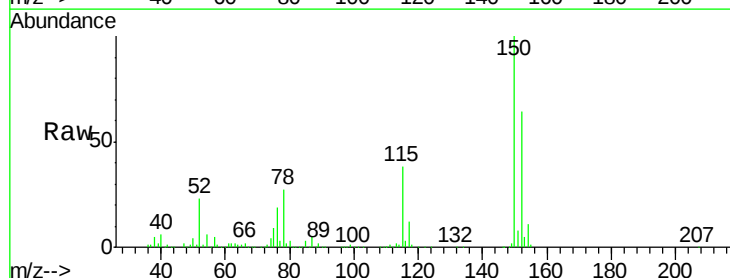


Time--> 11.95 12.00 12.05 12.10

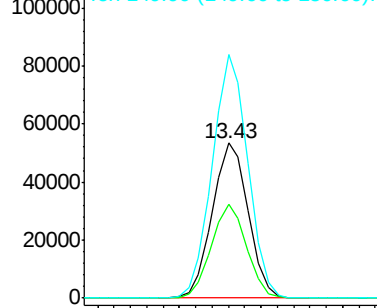


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001997.D
Acq: 17 Mar 2020 16:48

Tgt Ion:152 Resp: 81378
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 156.5 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



Time--> 13.35 13.40 13.45 13.50

