

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001996.D
 Acq On : 17 Mar 2020 16:26
 Operator : SY/MD
 Sample : L1958-01
 Misc : 6.4G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-04-1-2

Quant Time: Mar 30 15:34:27 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

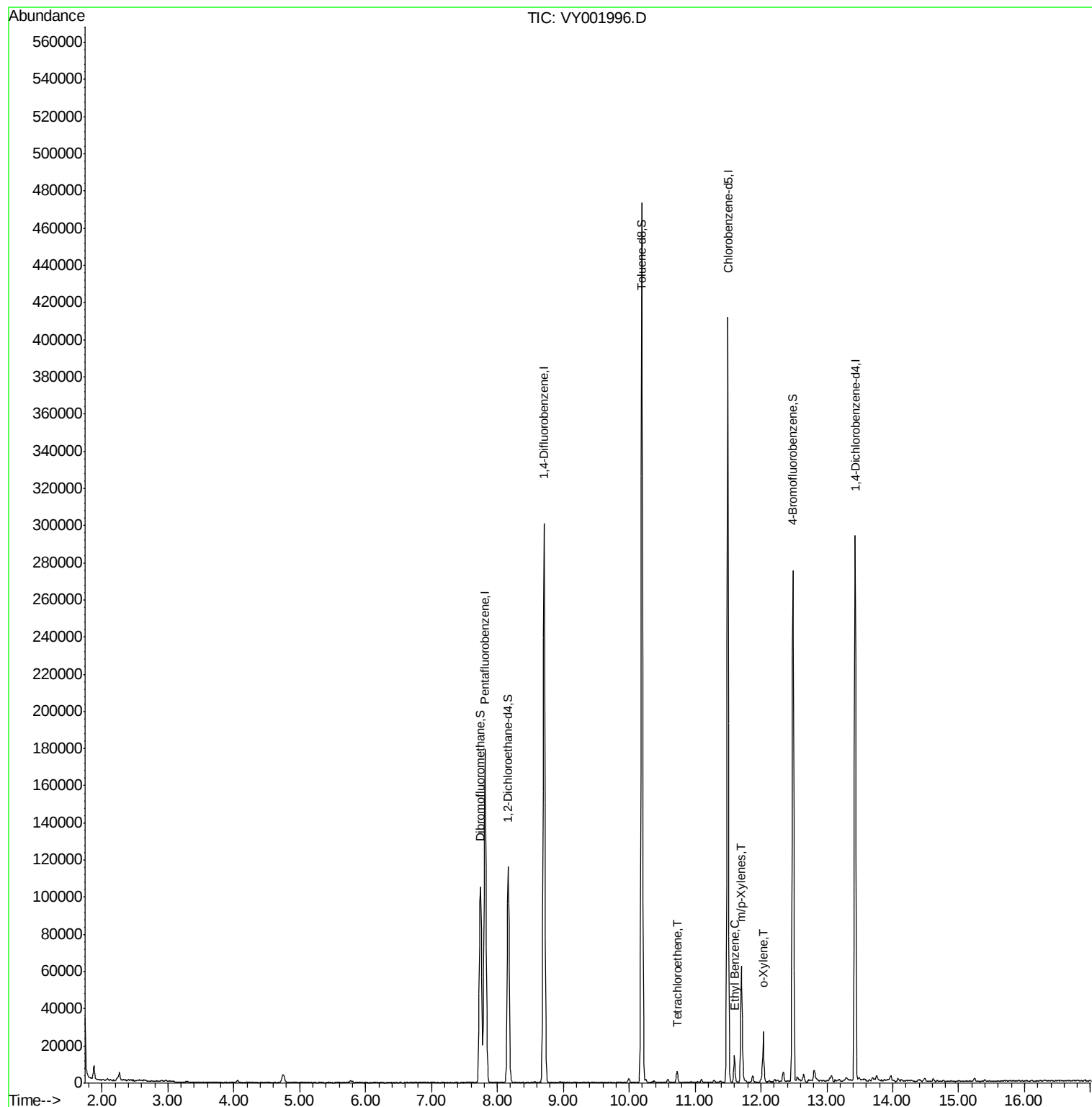
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	134346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	259822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	218747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	70101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82901	57.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.60%	
35) Dibromofluoromethane	7.74	113	76696	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
50) Toluene-d8	10.19	98	310331	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.49	95	89353	42.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.90%	
Target Compounds						
64) Tetrachloroethene	10.73	164	1391	1.014	ug/l #	78
67) Ethyl Benzene	11.60	91	9874	1.215	ug/l	95
68) m/p-Xylenes	11.70	106	18645	6.204	ug/l	97
69) o-Xylene	12.03	106	6799	2.400	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
Data File : VY001996.D
Acq On : 17 Mar 2020 16:26
Operator : SY/MD
Sample : L1958-01
Misc : 6.4G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-04-1-2

Quant Time: Mar 30 15:34:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
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: VY001996.D

Acq: 17 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

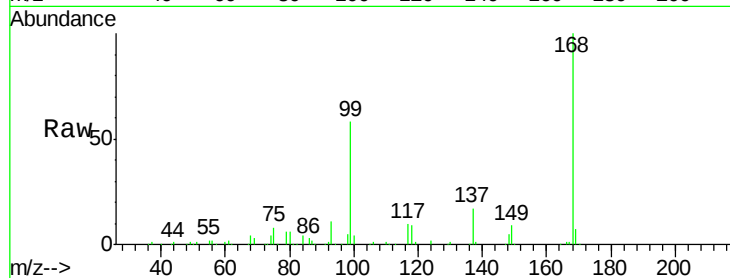
GHD1-SB-04-1-2

Tot Ion:168 Resp: 134346

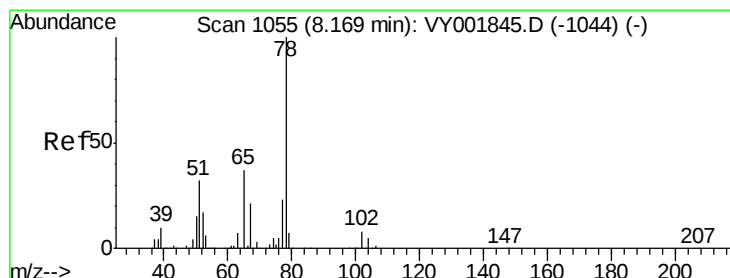
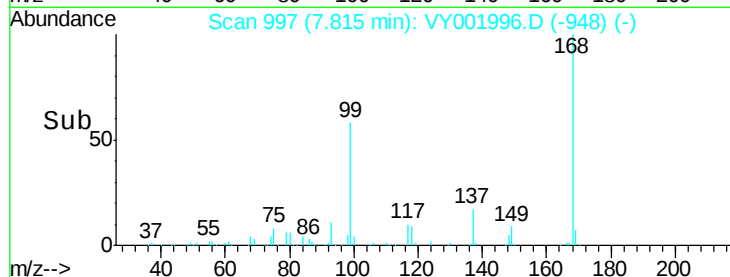
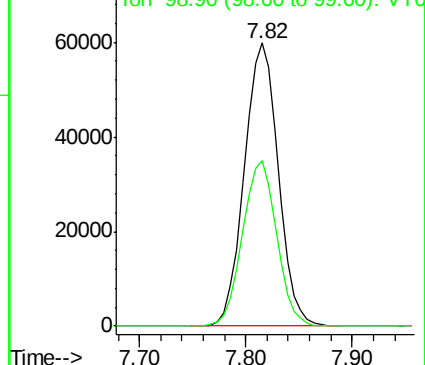
Ion Ratio Lower Upper

168 100

99 58.4 46.7 70.1



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



#33

1,2-Dichloroethane-d4

Concen: 57.802 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001996.D

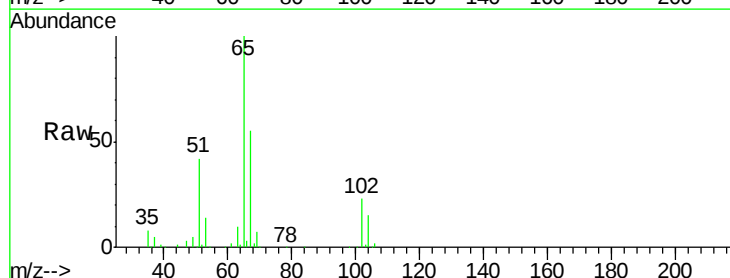
Acq: 17 Mar 2020 16:26

Tgt Ion: 65 Resp: 82901

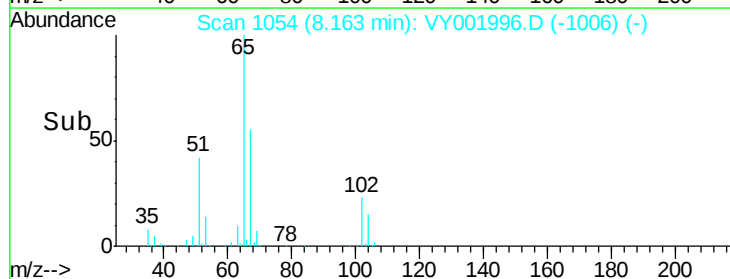
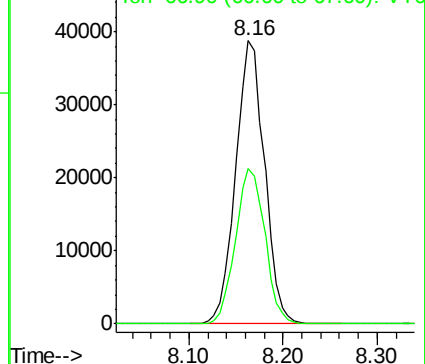
Ion Ratio Lower Upper

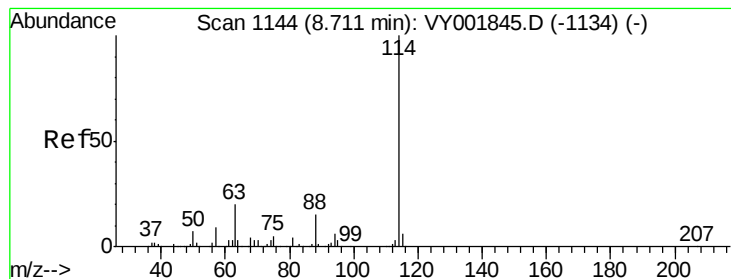
65 100

67 55.8 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001996.D

Acq: 17 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-04-1-2

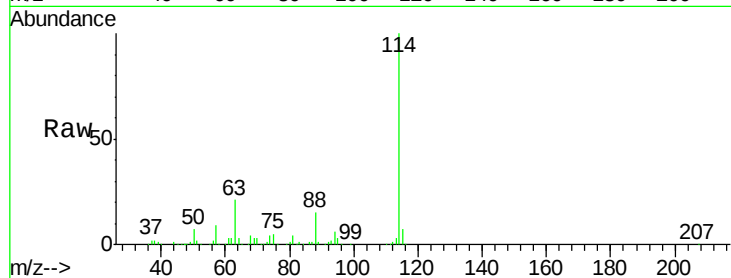
Tot Ion:114 Resp: 259822

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

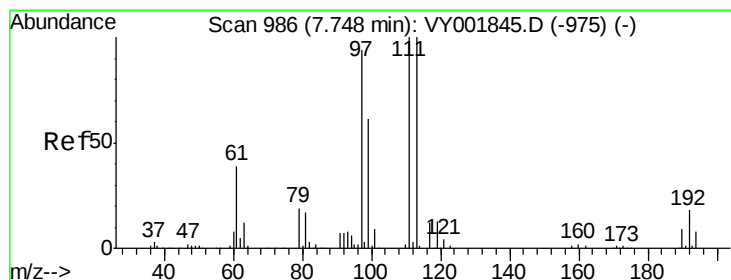
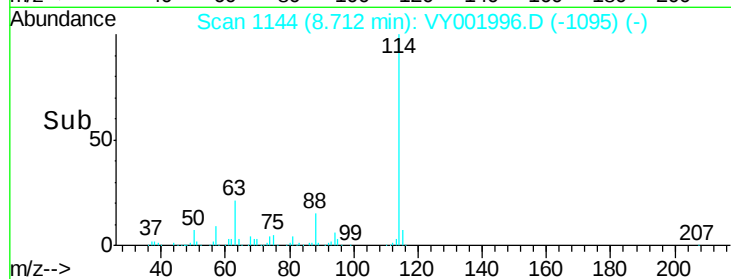
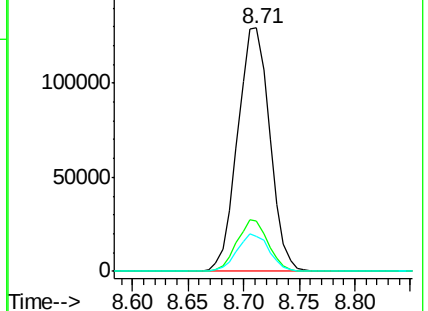
88 14.5 0.0 30.4



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: 54.059 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001996.D

Acq: 17 Mar 2020 16:26

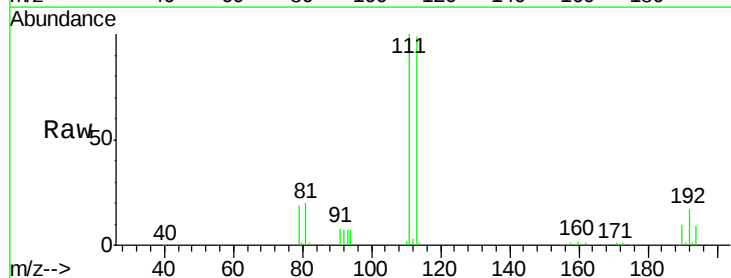
Tgt Ion:113 Resp: 76696

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

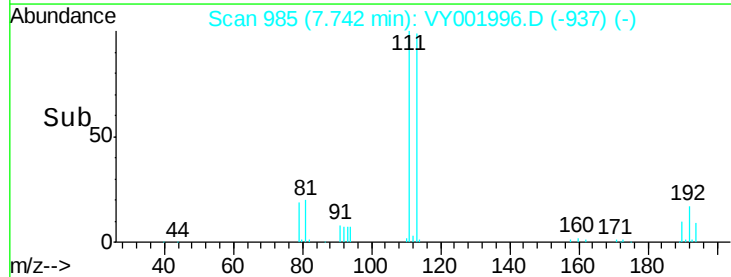
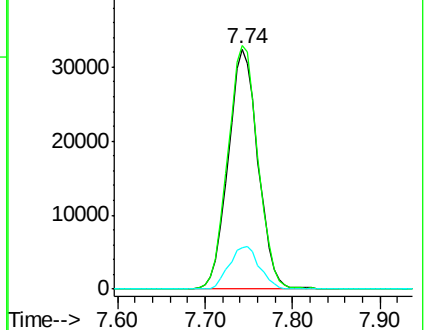
192 18.0 14.2 21.2

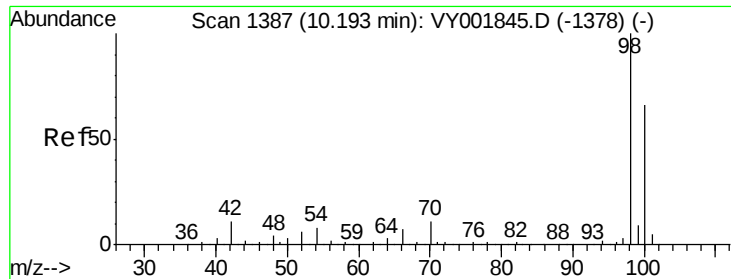


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.872 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001996.D

Acq: 17 Mar 2020 16:26

Instrument :

MSVOA_Y

ClientSampleId :

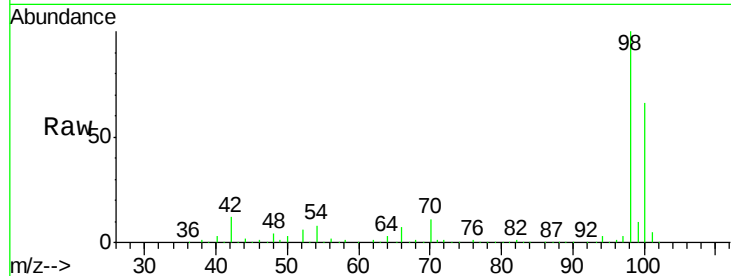
GHD1-SB-04-1-2

Tot Ion: 98 Resp: 310331

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001845.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001845.D (-1378) (-)

10.19

200000

150000

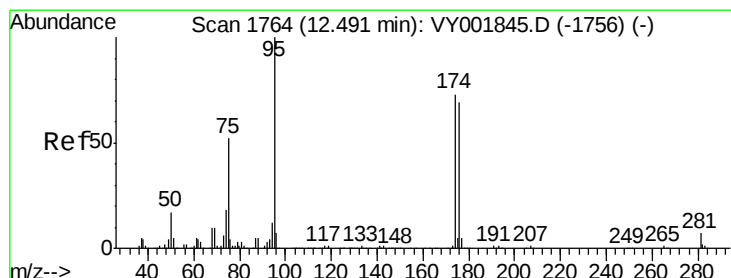
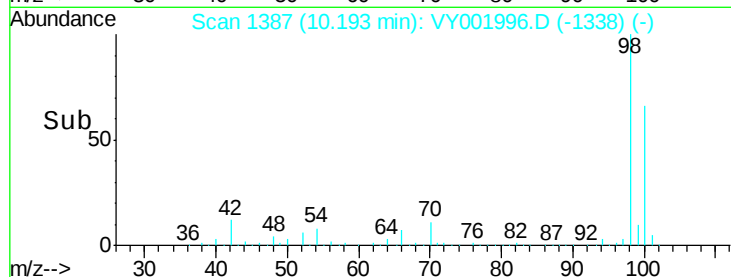
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 42.954 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001996.D

Acq: 17 Mar 2020 16:26

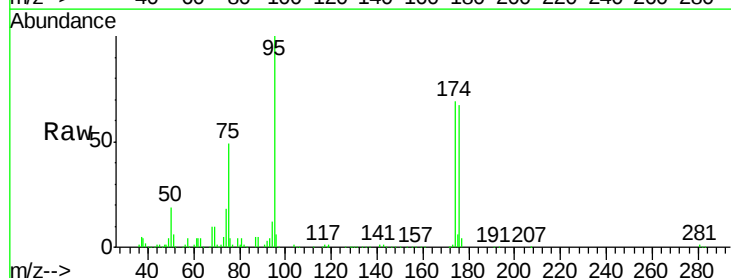
Tgt Ion: 95 Resp: 89353

Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.0

176 69.2 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

12.49

80000

60000

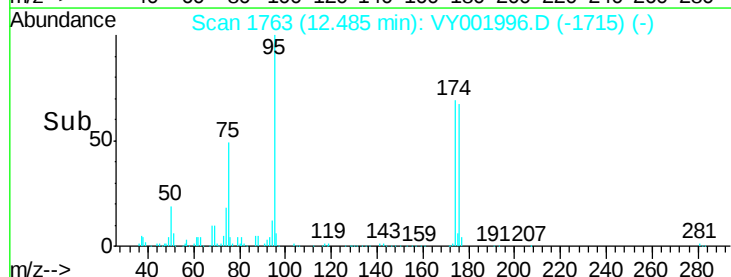
40000

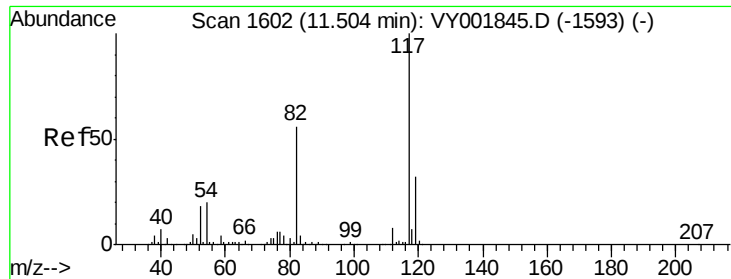
20000

0

Time-->

12.40 12.45 12.50 12.55

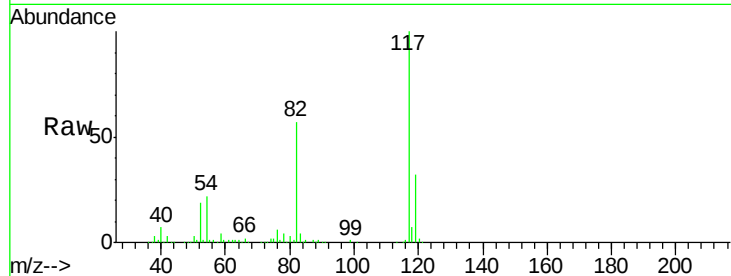




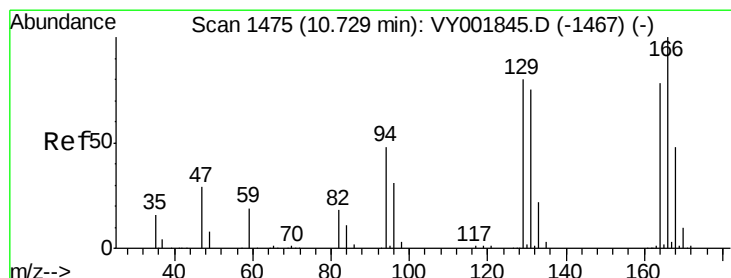
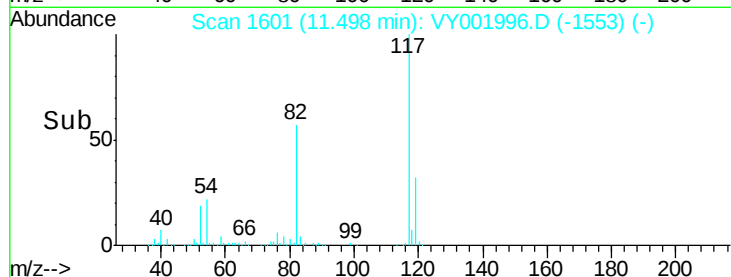
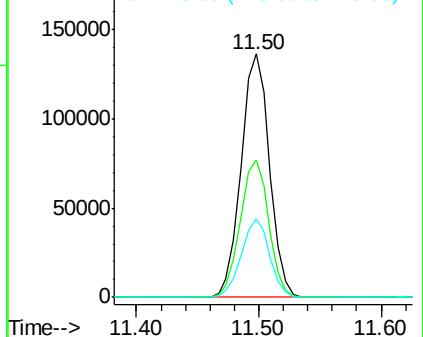
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001996.D
Acq: 17 Mar 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-04-1-2

Tot Ion:117 Resp: 218747
Ion Ratio Lower Upper
117 100
82 56.6 44.5 66.7
119 32.4 25.7 38.5

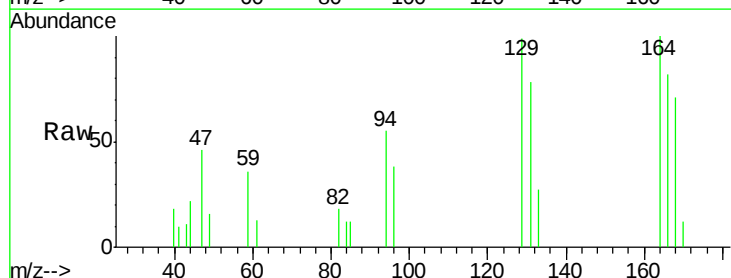


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

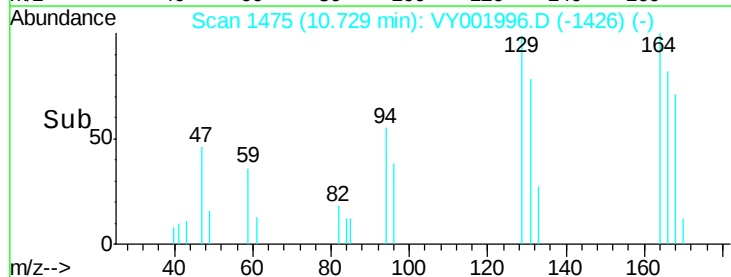
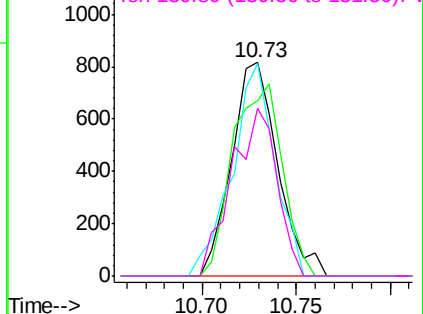


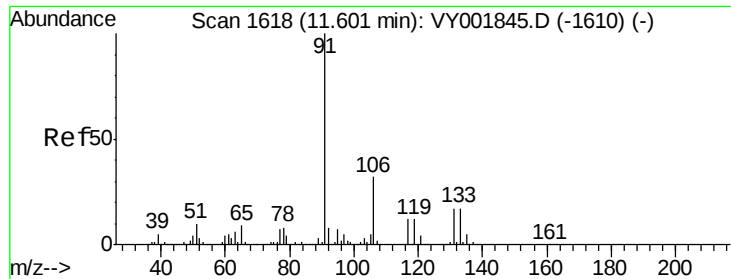
#64
Tetrachloroethene
Concen: 1.014 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001996.D
Acq: 17 Mar 2020 16:26

Tgt Ion:164 Resp: 1391
Ion Ratio Lower Upper
164 100
166 82.2 102.6 154.0#
129 99.3 82.3 123.5
131 78.4 77.4 116.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

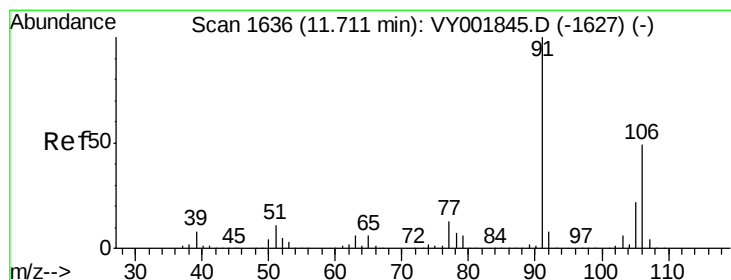
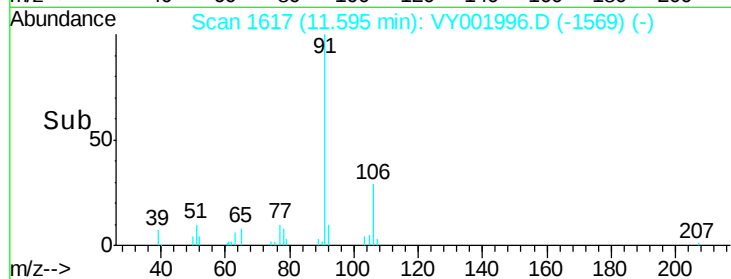
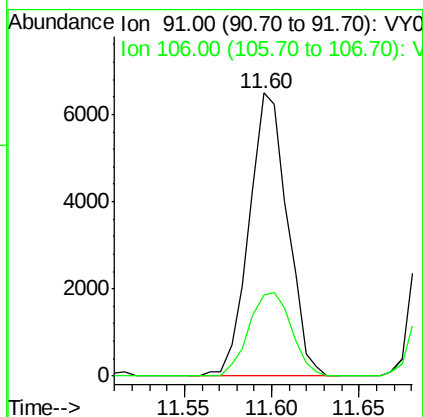
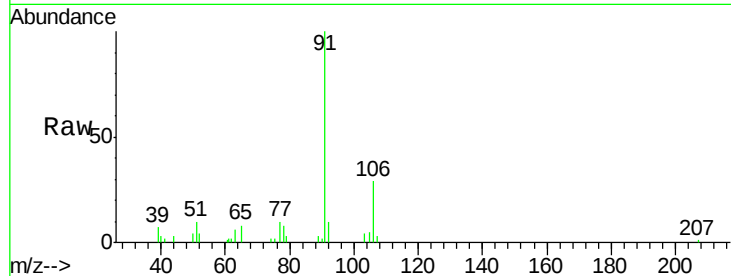




#67
Ethyl Benzene
Concen: 1.215 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001996.D
Acq: 17 Mar 2020 16:26

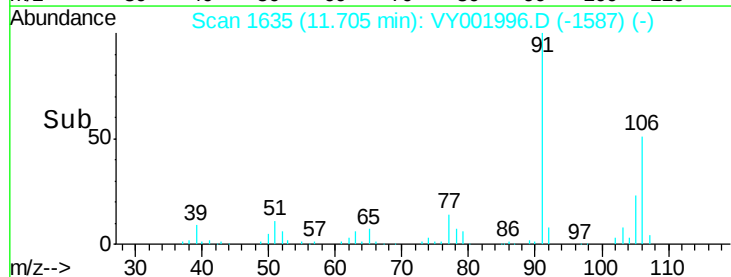
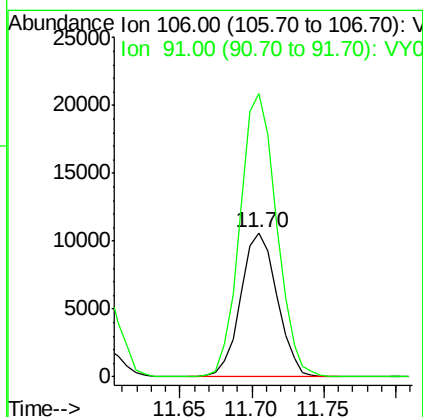
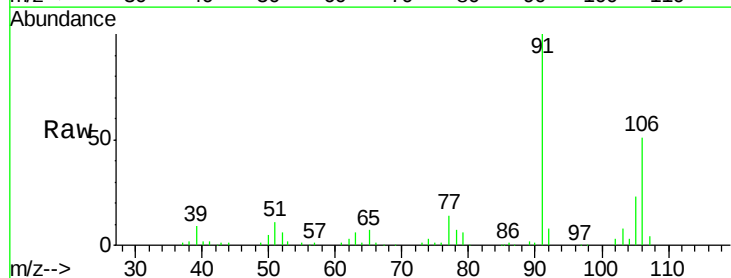
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-04-1-2

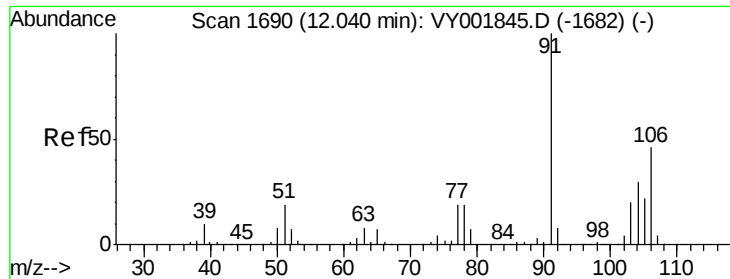
Tot Ion: 91 Resp: 9874
Ion Ratio Lower Upper
91 100
106 28.9 25.4 38.2



#68
m/p-Xylenes
Concen: 6.204 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001996.D
Acq: 17 Mar 2020 16:26

Tgt Ion: 106 Resp: 18645
Ion Ratio Lower Upper
106 100
91 197.0 161.3 241.9

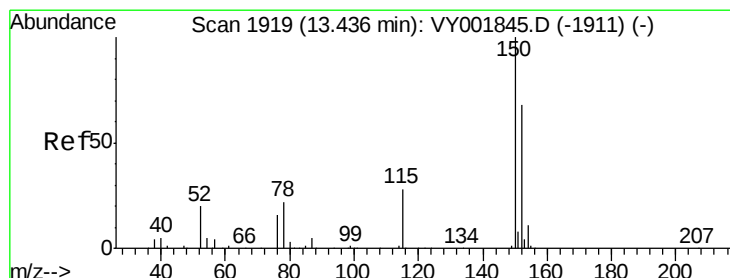
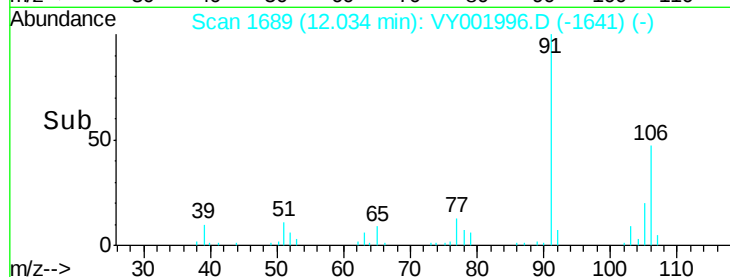
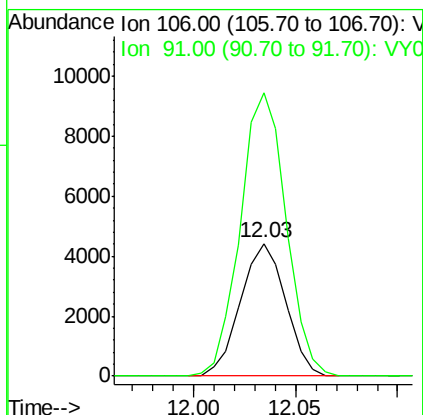
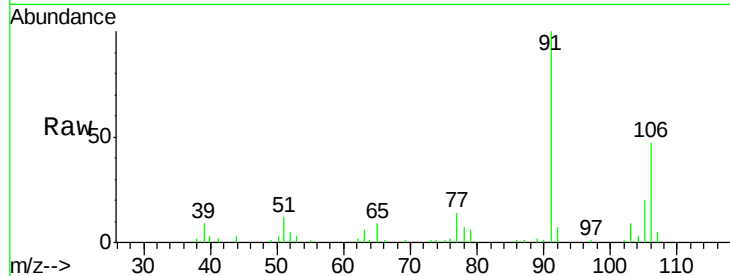




#69
o-Xylene
Concen: 2.400 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001996.D
Acq: 17 Mar 2020 16:26

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-04-1-2

Tot Ion:106 Resp: 6799
Ion Ratio Lower Upper
106 100
91 216.3 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001996.D
Acq: 17 Mar 2020 16:26

Tgt Ion:152 Resp: 70101
Ion Ratio Lower Upper
152 100
115 61.6 29.9 89.7
150 161.0 0.0 340.6

