

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001998.D
 Acq On : 17 Mar 2020 17:11
 Operator : SY/MD
 Sample : L1958-03
 Misc : 4.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-01-1-2

Quant Time: Mar 17 17:32:04 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	136621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	259269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	223193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	78346	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	83348	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	7.74	113	75975	53.67	ug/l	0.00
Spiked Amount			Recovery	=	107.34%	
50) Toluene-d8	10.19	98	308355	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.49	95	93658	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	

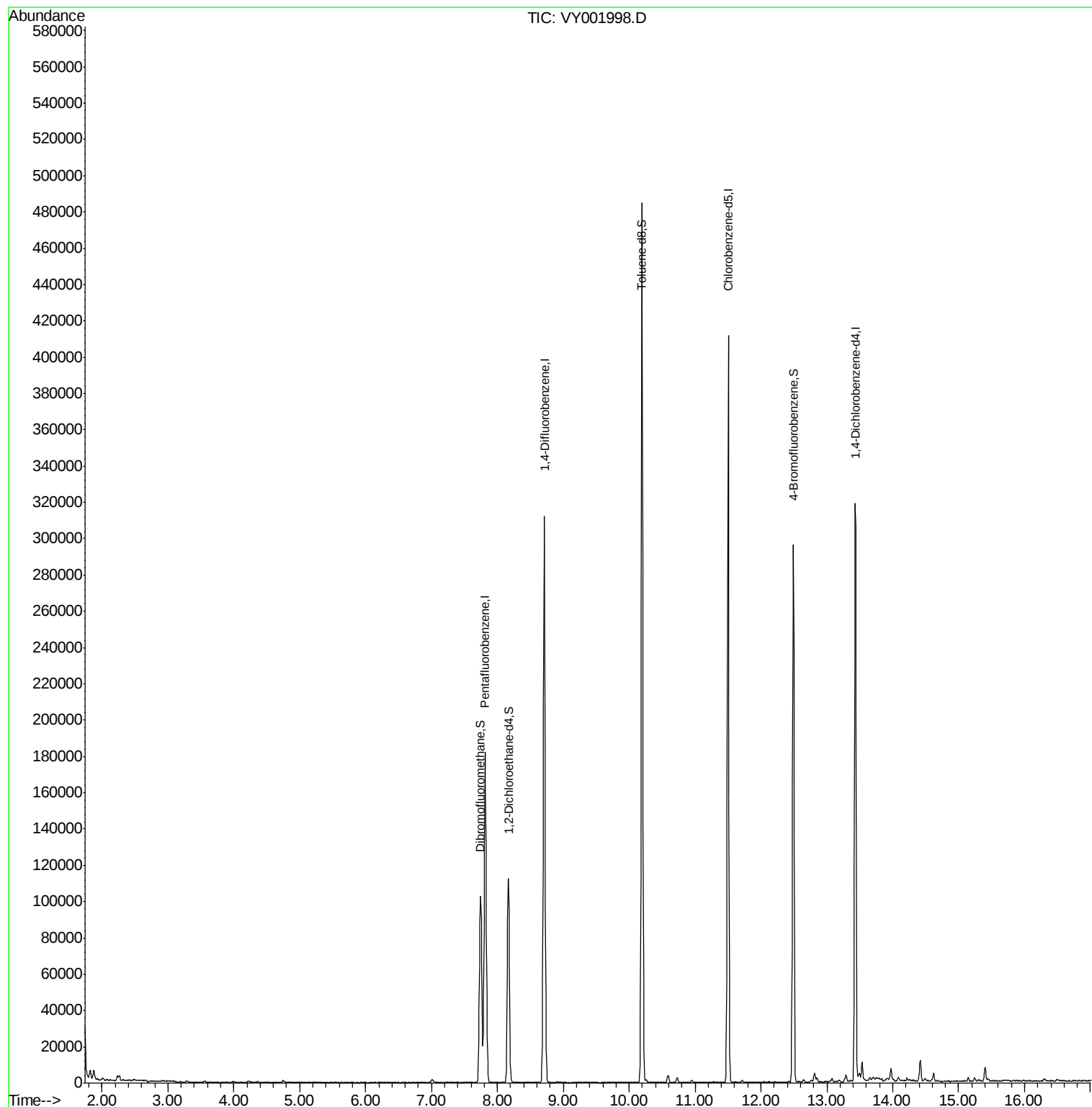
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001998.D

Acq: 17 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

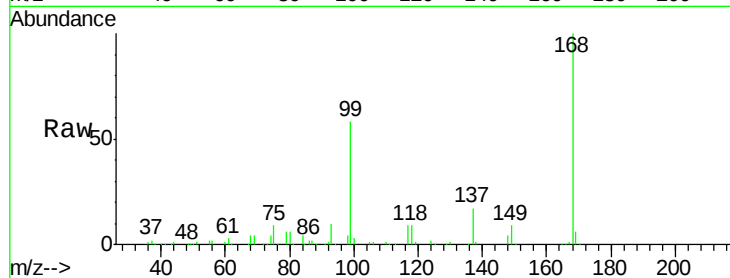
GHD1-SB-01-1-2

Tot Ion:168 Resp: 136621

Ion Ratio Lower Upper

168 100

99 57.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001998.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001998.D (-948) (-)

7.82

60000

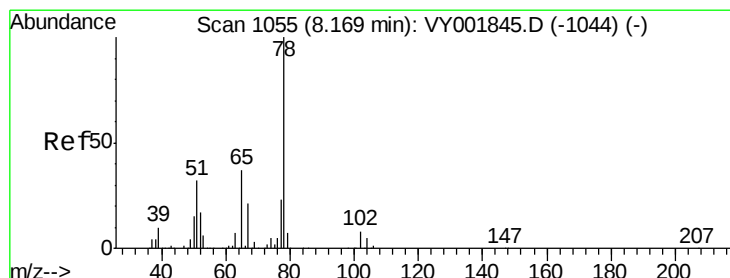
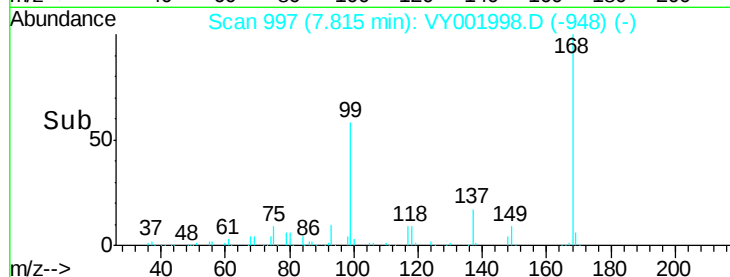
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.146 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001998.D

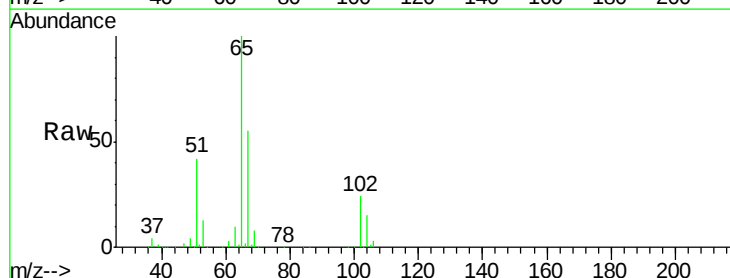
Acq: 17 Mar 2020 17:11

Tgt Ion: 65 Resp: 83348

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001998.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001998.D (-1006) (-)

8.17

40000

30000

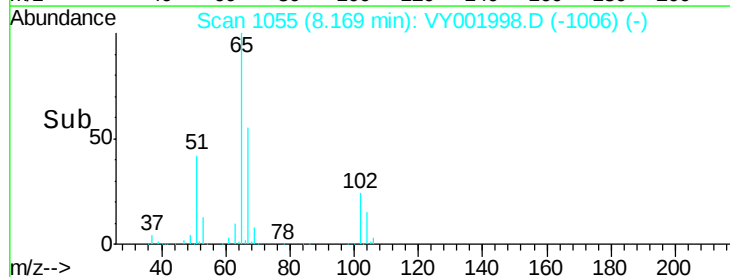
20000

10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001998.D

Acq: 17 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-01-1-2

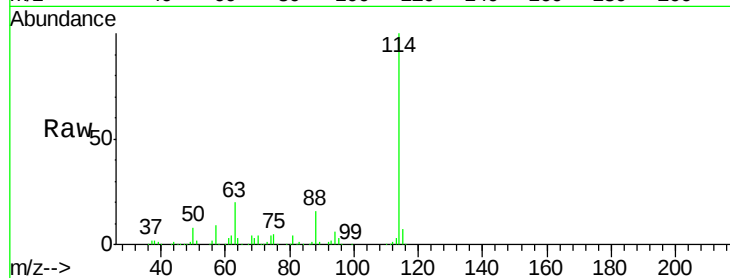
Tot Ion:114 Resp: 259269

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

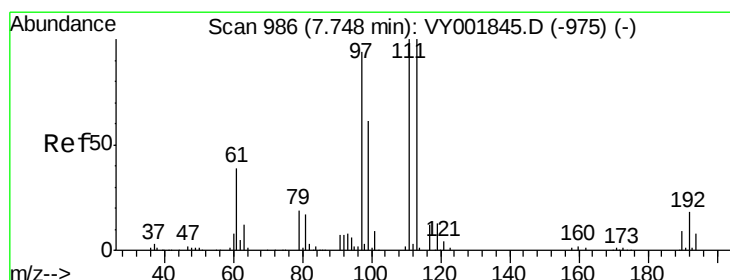
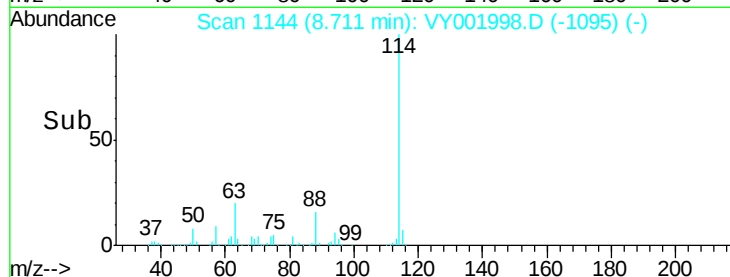
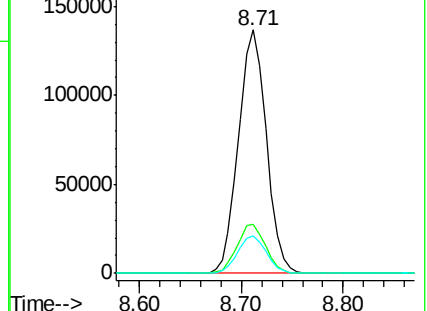
88 15.7 0.0 30.4



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: 53.665 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001998.D

Acq: 17 Mar 2020 17:11

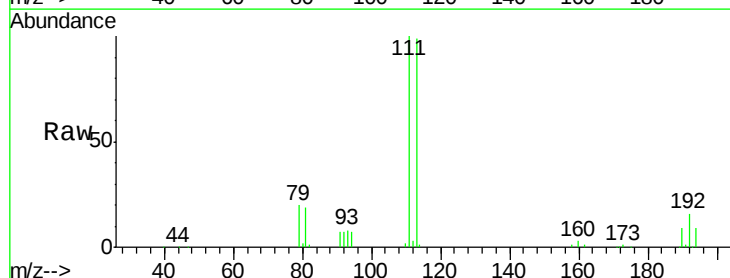
Tgt Ion:113 Resp: 75975

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

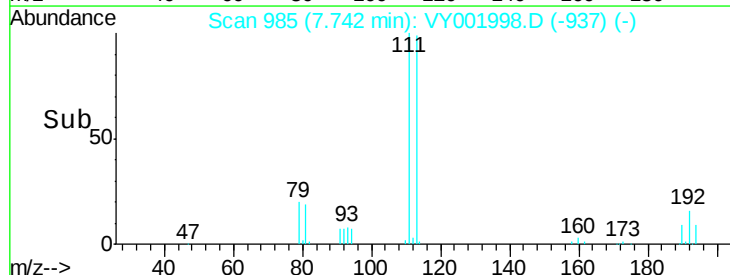
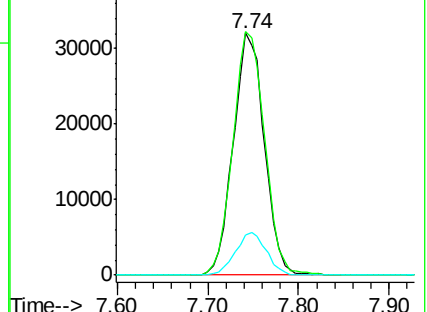
192 17.3 14.2 21.2

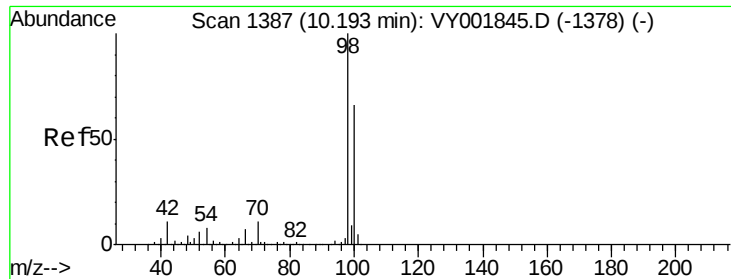


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.652 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001998.D

Acq: 17 Mar 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

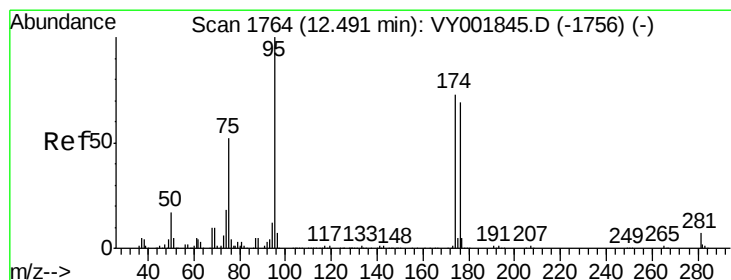
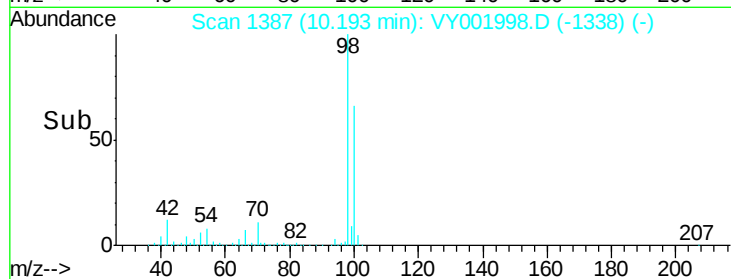
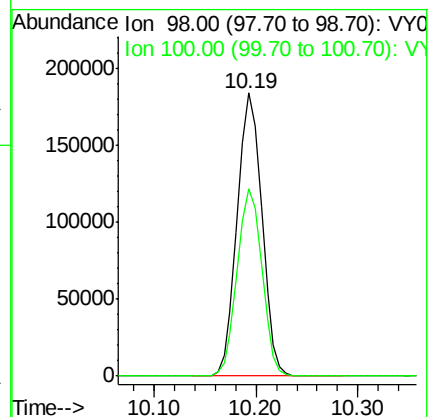
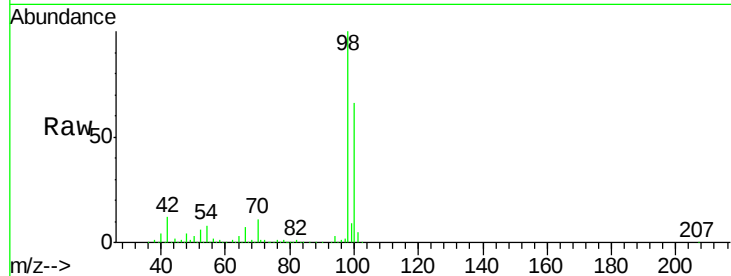
GHD1-SB-01-1-2

Tot Ion: 98 Resp: 308355

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 45.119 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001998.D

Acq: 17 Mar 2020 17:11

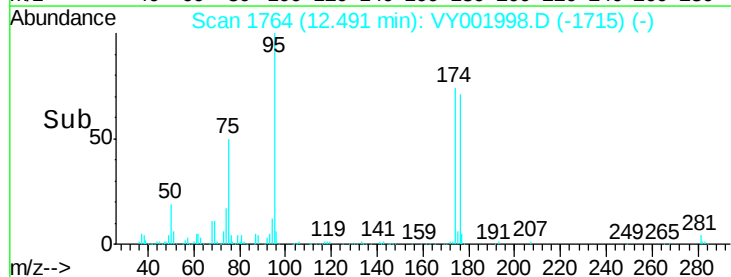
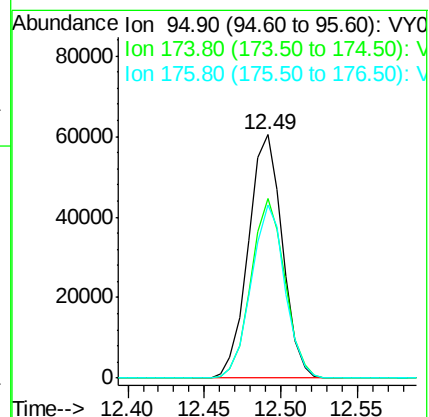
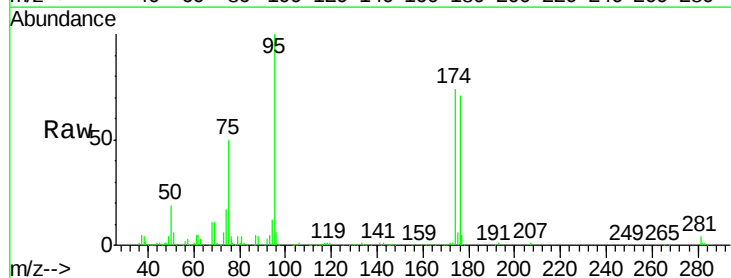
Tgt Ion: 95 Resp: 93658

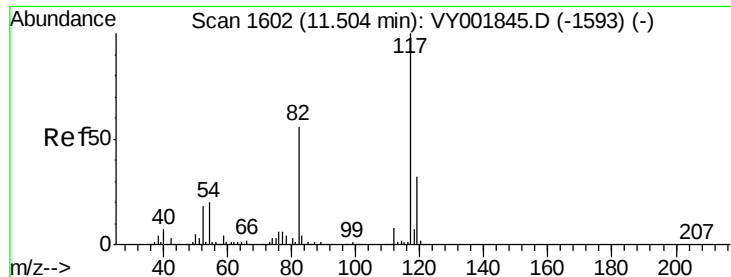
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.0

176 70.4 0.0 137.4

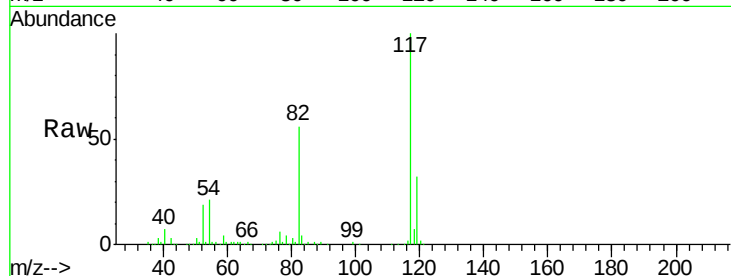




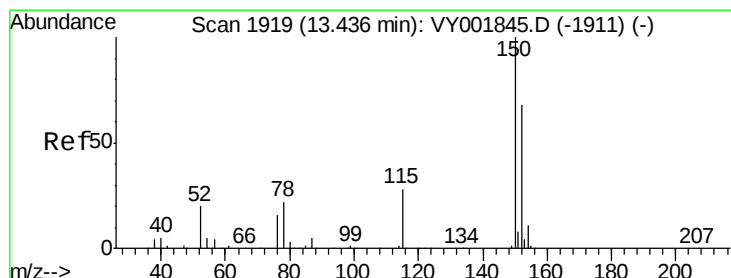
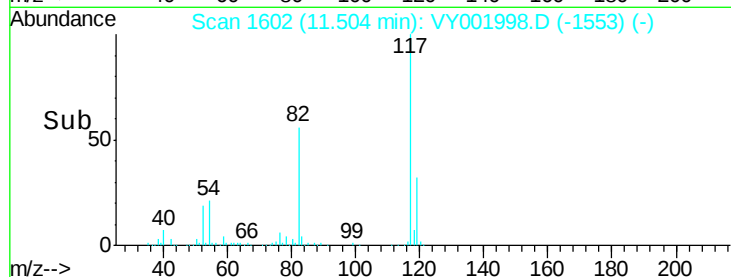
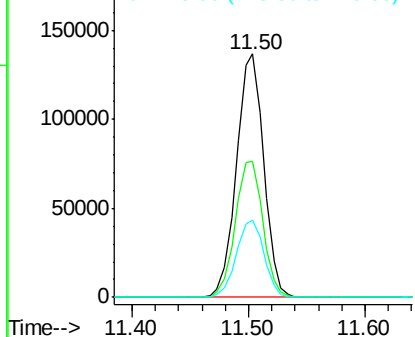
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001998.D
Acq: 17 Mar 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-1-2

Tot Ion:117 Resp: 223193
Ion Ratio Lower Upper
117 100
82 55.8 44.5 66.7
119 31.8 25.7 38.5

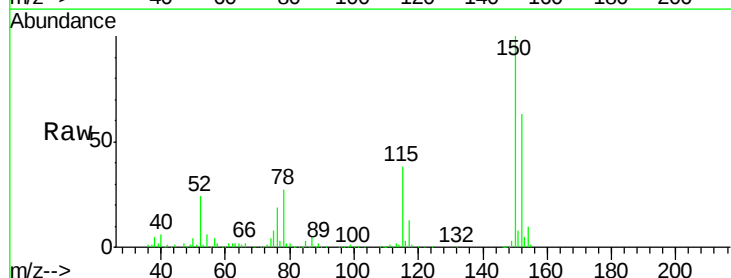


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001998.D
Acq: 17 Mar 2020 17:11

Tgt Ion:152 Resp: 78346
Ion Ratio Lower Upper
152 100
115 61.0 29.9 89.7
150 159.2 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

