

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002049.D
 Acq On : 24 Mar 2020 14:41
 Operator : SY/MD
 Sample : L2013-03
 Misc : 8.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-01-51-52

Quant Time: Mar 24 16:57:46 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

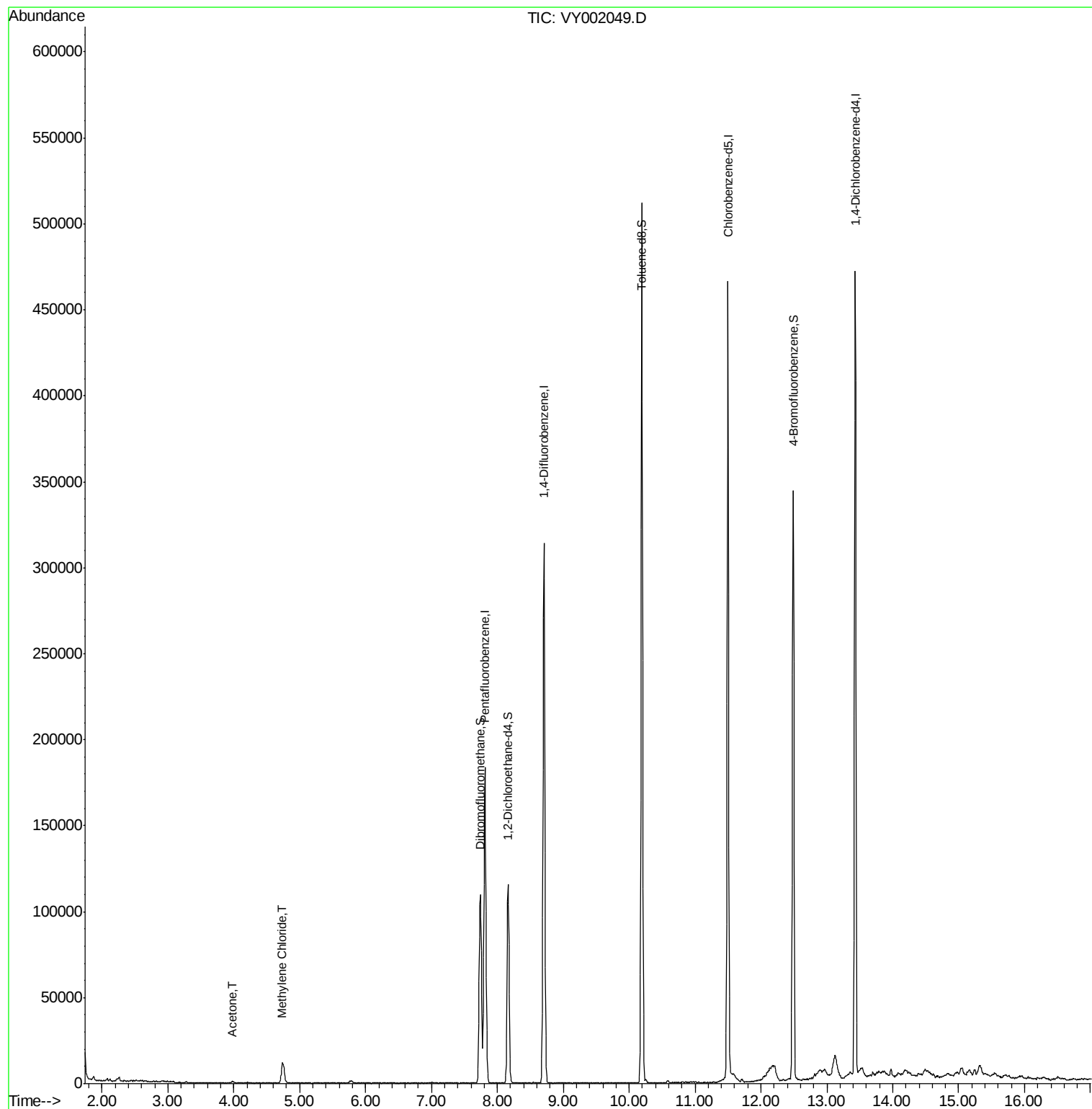
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	136875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	264272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	245117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	110952	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86523	59.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.42%	
35) Dibromofluoromethane	7.74	113	78872	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
50) Toluene-d8	10.19	98	324193	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.49	95	115260	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
Target Compounds						
16) Acetone	3.98	43	1821	4.279	ug/l	94
20) Methylene Chloride	4.74	84	9078	4.977	ug/l	96

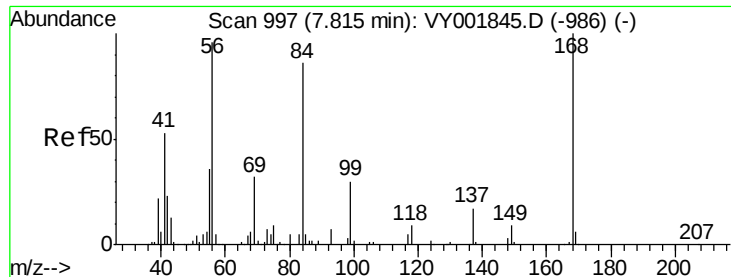
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002049.D

Acq: 24 Mar 2020 14:41

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MSVOA_Y

ClientSampleId :

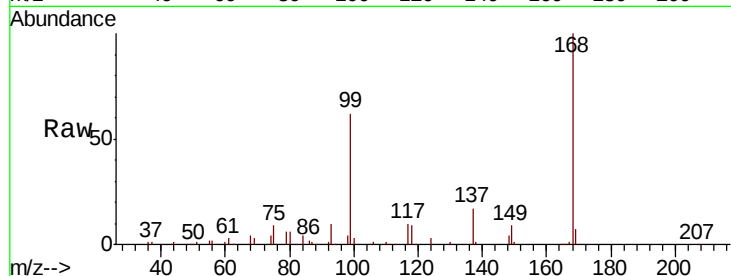
GHD1-SB-01-51-52

Tot Ion:168 Resp: 136875

Ion Ratio Lower Upper

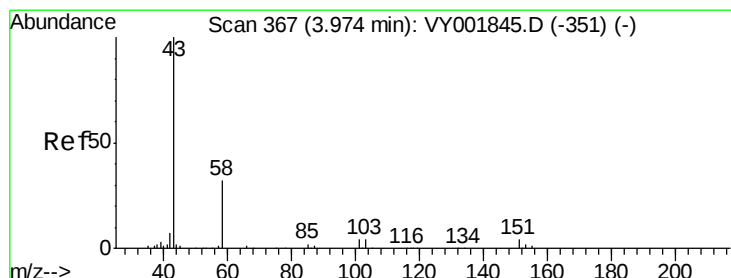
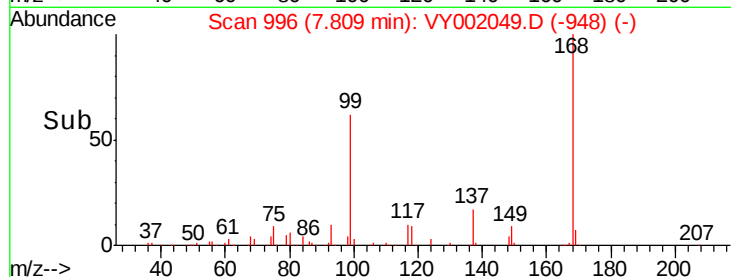
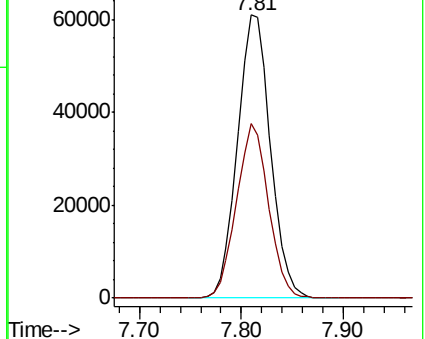
168 100

99 61.9 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) (-)



#16

Acetone

Concen: 4.279 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002049.D

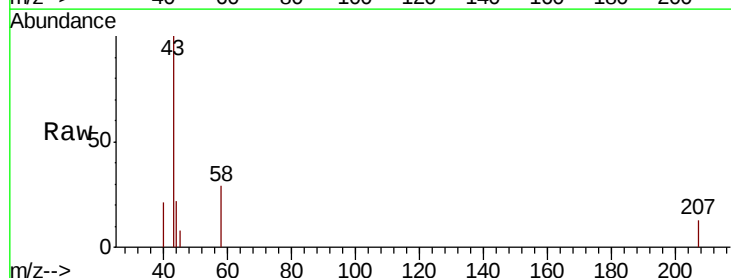
Acq: 24 Mar 2020 14:41

Tgt Ion: 43 Resp: 1821

Ion Ratio Lower Upper

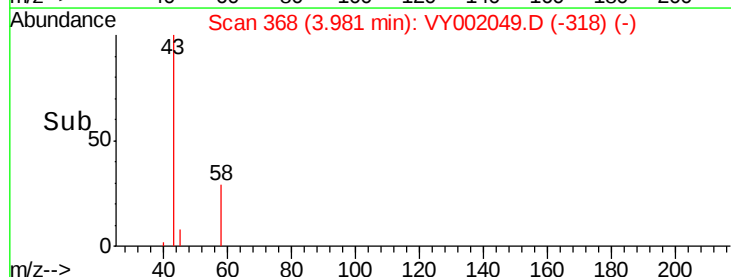
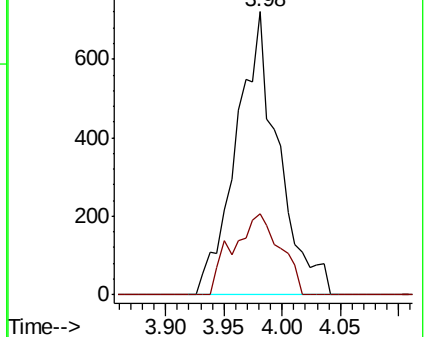
43 100

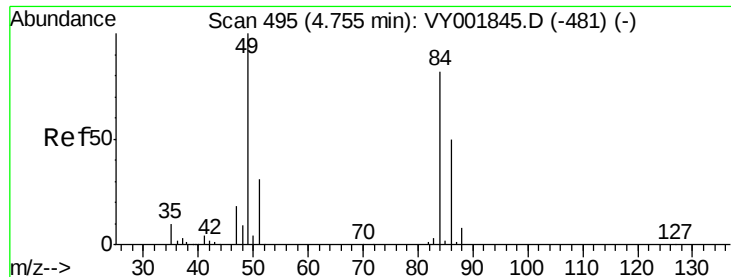
58 28.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

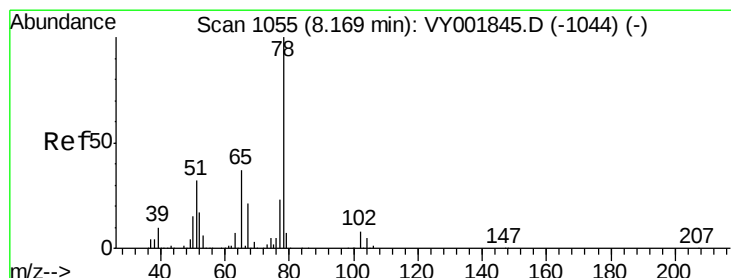
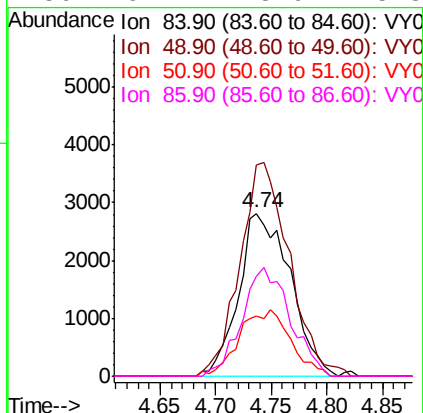
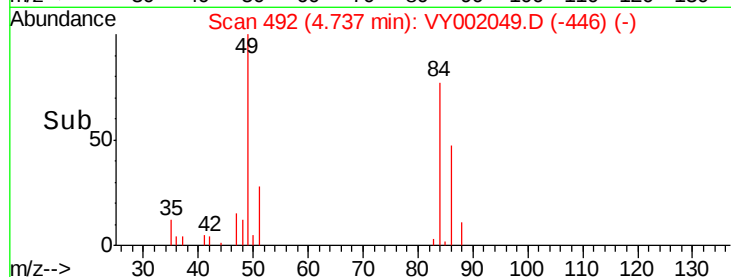
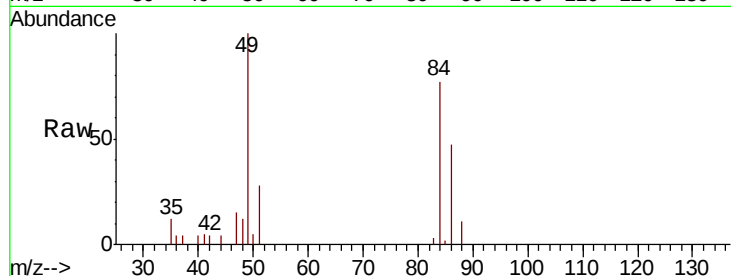




#20
Methvlene Chloride
Concen: 4.977 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002049.D
Acq: 24 Mar 2020 14:41

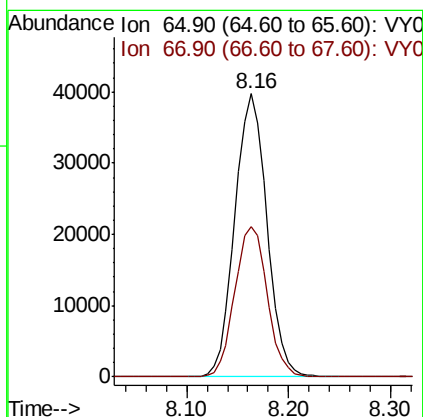
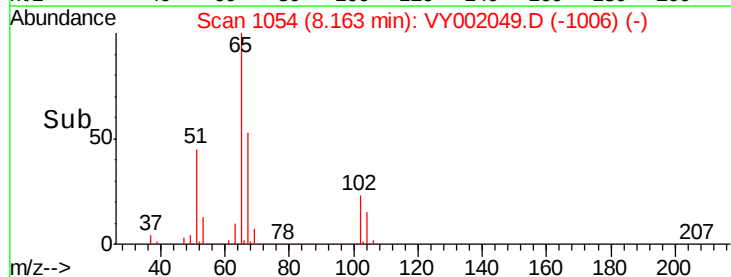
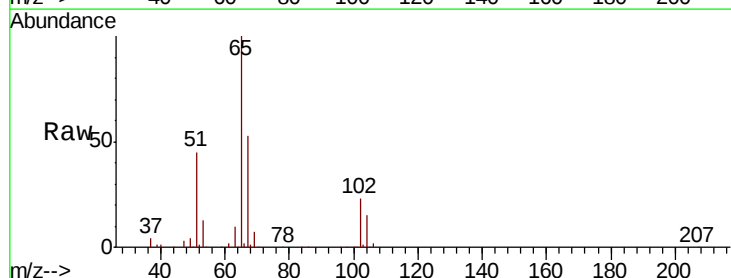
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-51-52

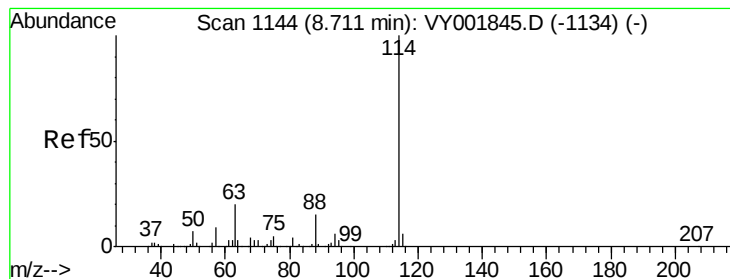
Tot Ion: 84 Resp: 9078
Ion Ratio Lower Upper
84 100
49 130.0 98.2 147.2
51 36.8 30.2 45.2
86 61.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 59.212 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002049.D
Acq: 24 Mar 2020 14:41

Tgt Ion: 65 Resp: 86523
Ion Ratio Lower Upper
65 100
67 53.7 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: VY002049.D

Acq: 24 Mar 2020 14:41

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-01-51-52

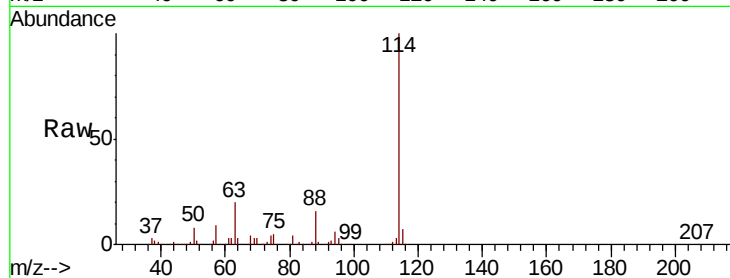
Tot Ion:114 Resp: 264272

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.4

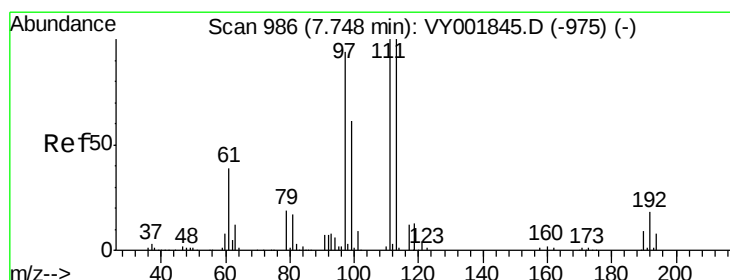
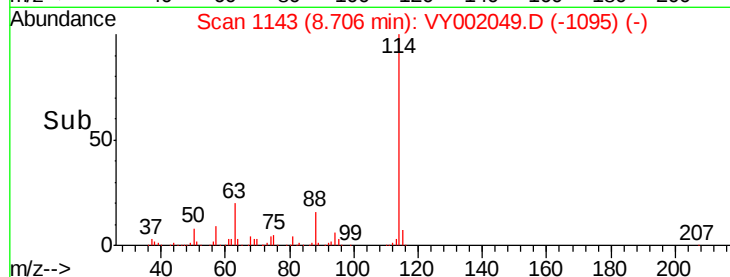
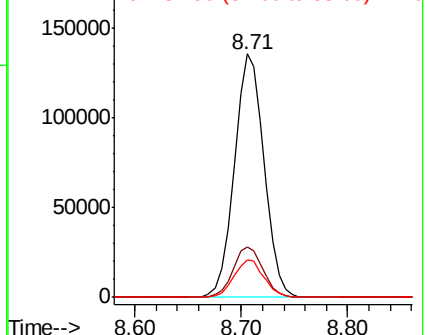
88 15.6 0.0 30.4



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: 54.657 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002049.D

Acq: 24 Mar 2020 14:41

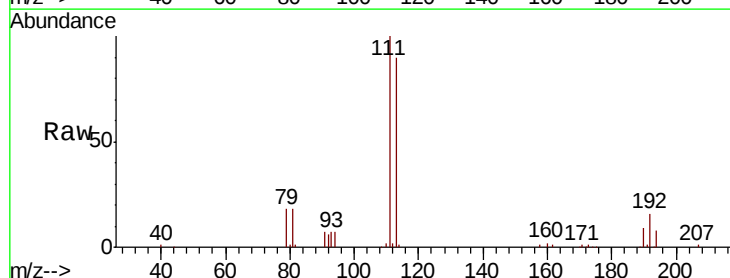
Tgt Ion:113 Resp: 78872

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

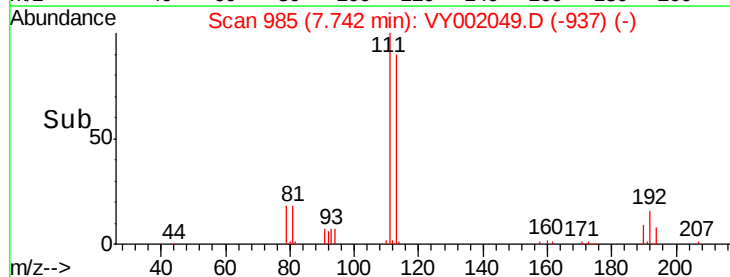
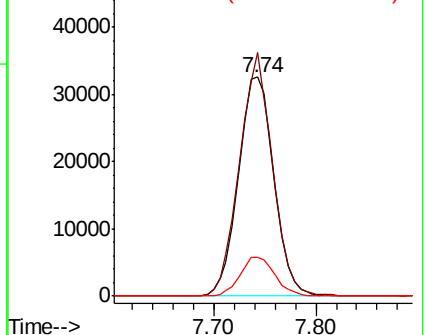
192 17.6 14.2 21.2

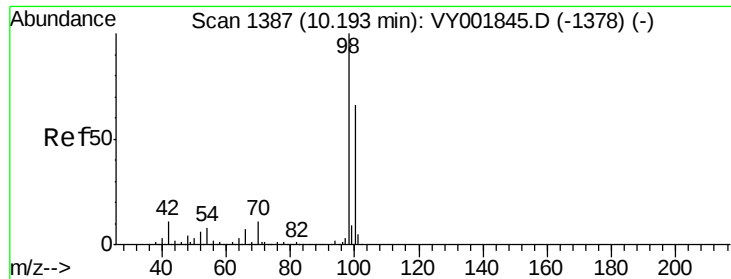


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.277 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002049.D

Acq: 24 Mar 2020 14:41

Instrument :

MSVOA_Y

ClientSampleId :

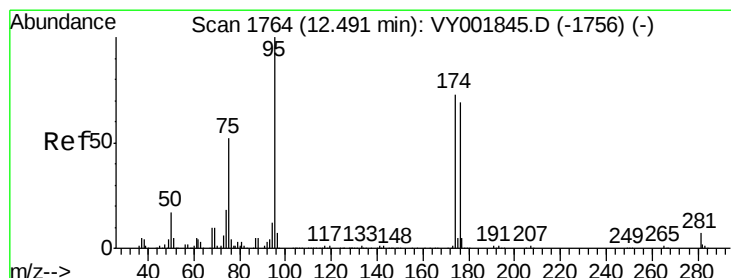
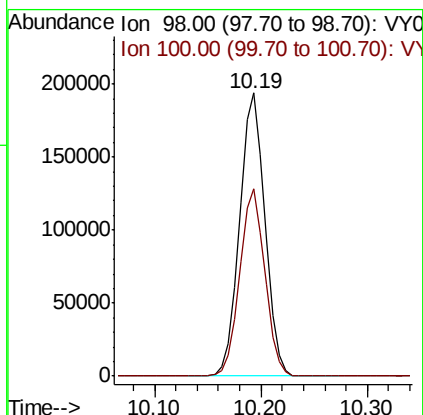
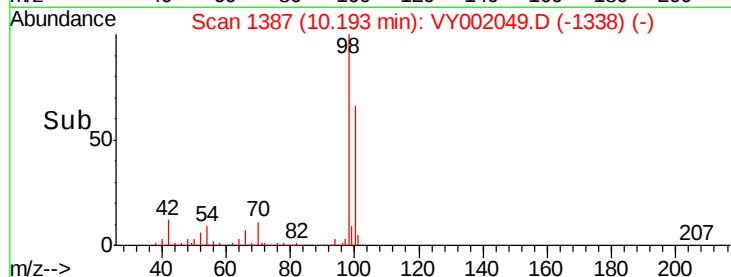
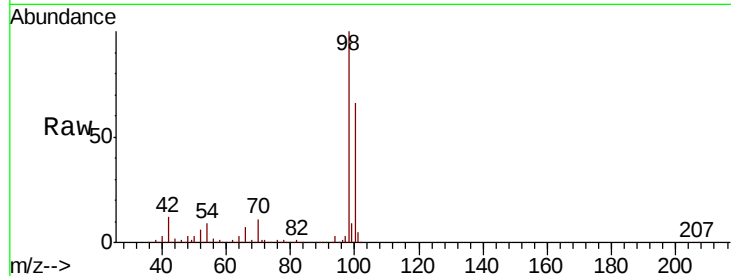
GHD1-SB-01-51-52

Tot Ion: 98 Resp: 324193

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 54.474 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002049.D

Acq: 24 Mar 2020 14:41

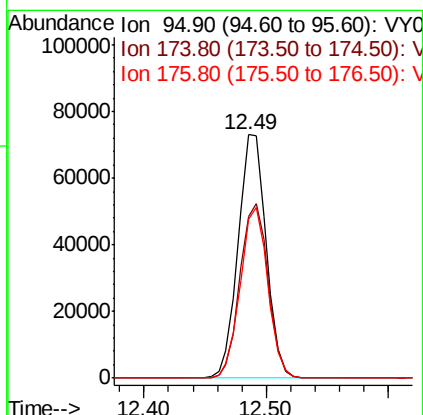
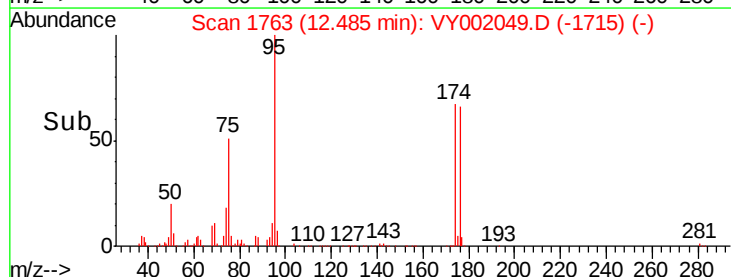
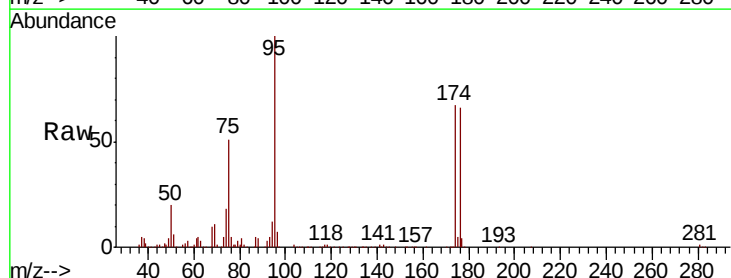
Tgt Ion: 95 Resp: 115260

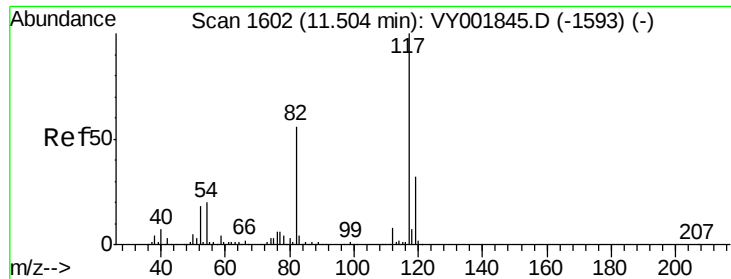
Ion Ratio Lower Upper

95 100

174 72.5 0.0 145.0

176 69.4 0.0 137.4

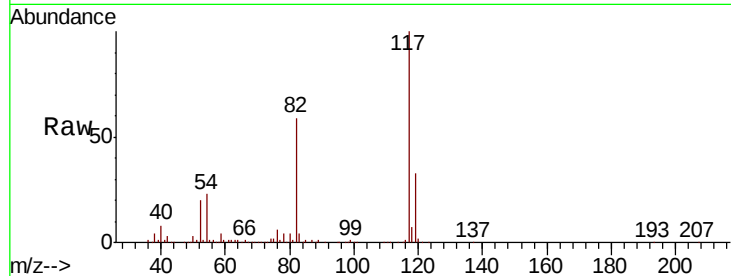




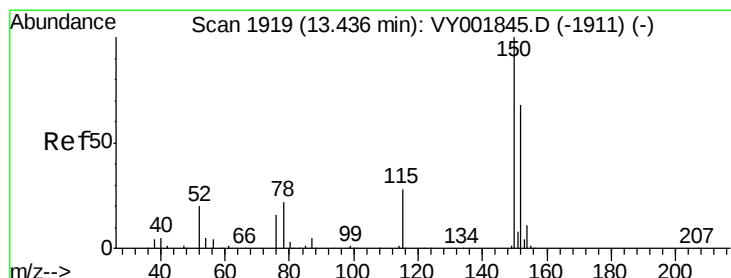
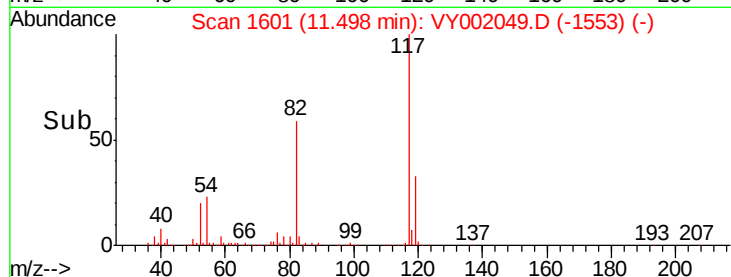
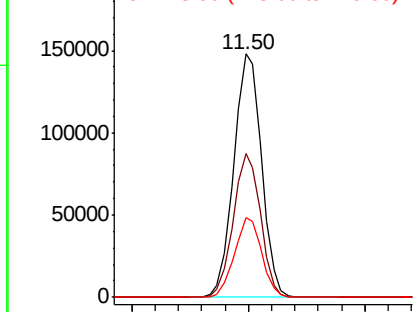
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002049.D
Acq: 24 Mar 2020 14:41

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-51-52

Tot Ion:117 Resp: 245117
Ion Ratio Lower Upper
117 100
82 58.8 44.5 66.7
119 32.8 25.7 38.5

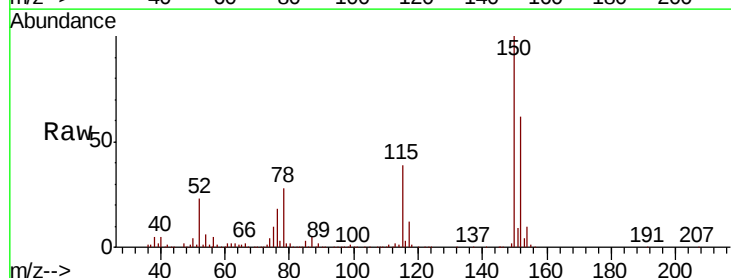


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002049.D
Acq: 24 Mar 2020 14:41

Tgt Ion:152 Resp: 110952
Ion Ratio Lower Upper
152 100
115 61.6 29.9 89.7
150 159.3 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

