

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002047.D
 Acq On : 24 Mar 2020 13:56
 Operator : SY/MD
 Sample : L2013-01
 Misc : 4.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-02-1.5-2.5

Quant Time: Mar 24 16:53:06 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

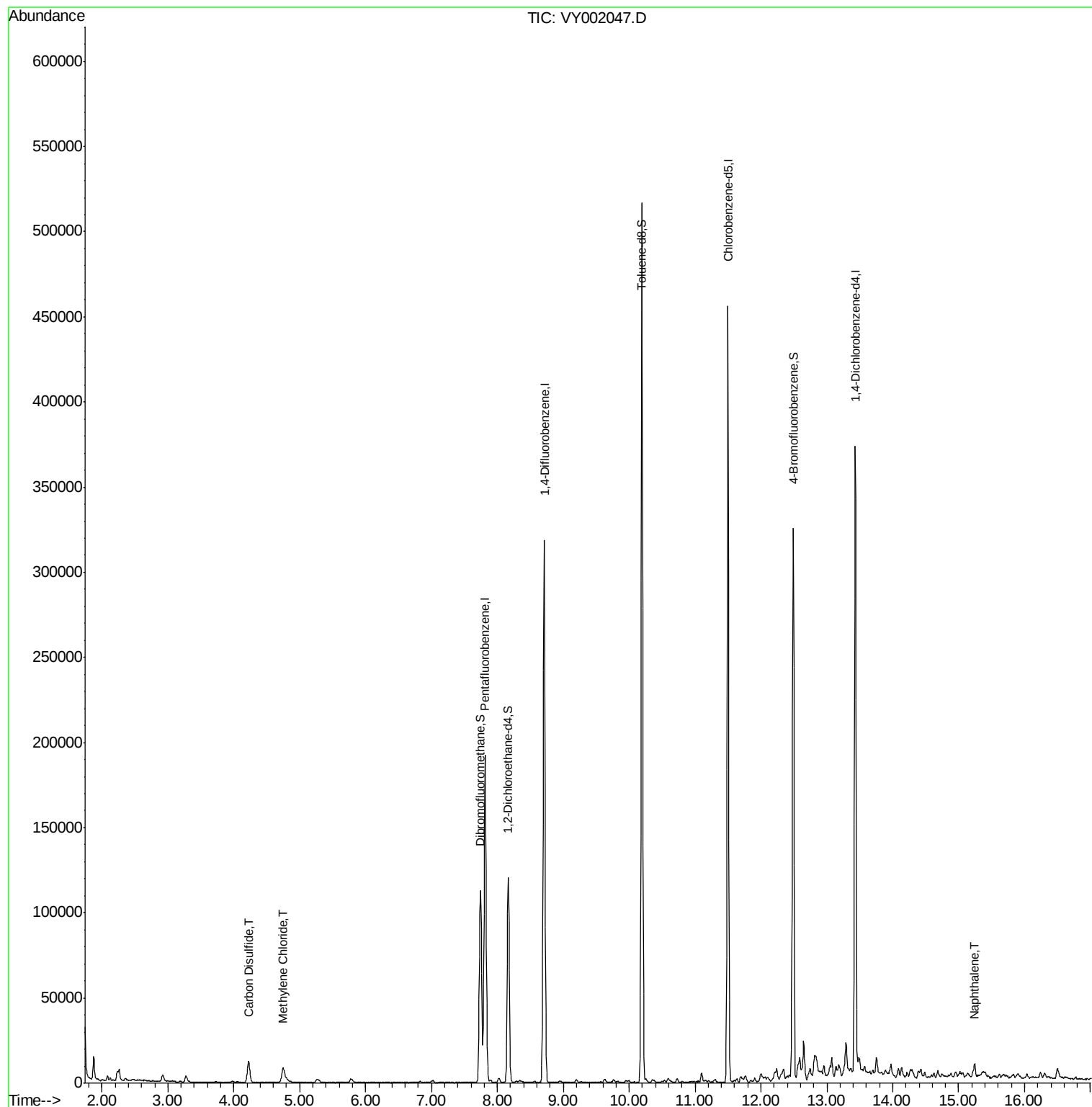
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	141353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	273882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	89210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	88969	58.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.92%	
35) Dibromofluoromethane	7.75	113	81019	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
50) Toluene-d8	10.19	98	331328	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.49	95	104878	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
Target Compounds						
17) Carbon Disulfide	4.22	76	25790	4.882	ug/l	99
20) Methylene Chloride	4.76	84	6047	3.210	ug/l #	94
95) Naphthalene	15.25	128	6801	1.721	ug/l	98

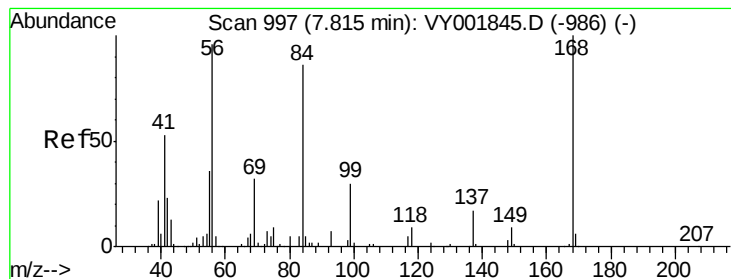
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002047.D

Acq: 24 Mar 2020 13:56

Instrument :

MSVOA_Y

ClientSampleId :

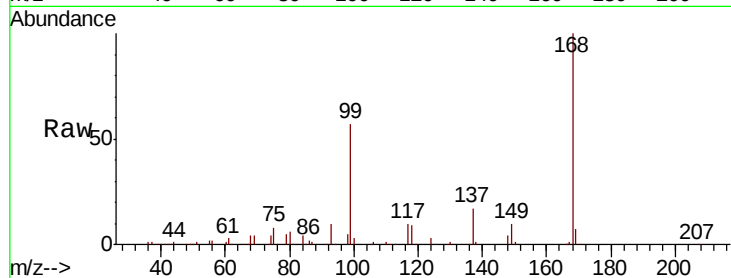
GHD1-SB-02-1.5-2.5

Tot Ion:168 Resp: 141353

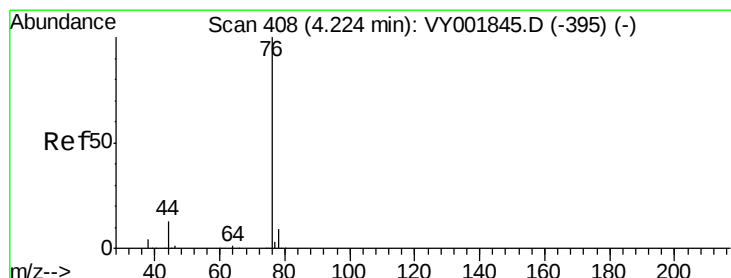
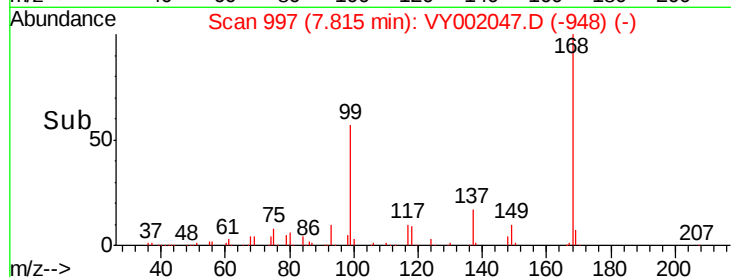
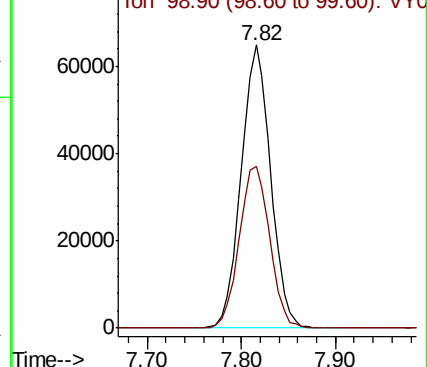
Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY002047.D (-986) (-)



#17

Carbon Disulfide

Concen: 4.882 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.00 min

Lab File: VY002047.D

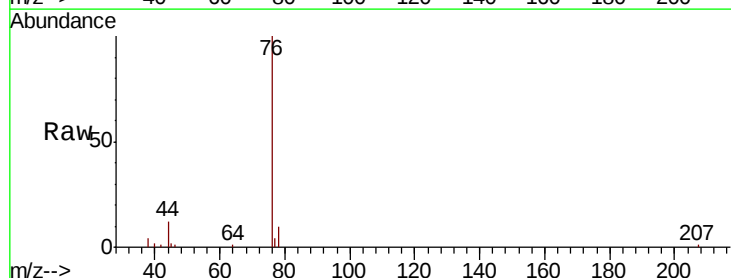
Acq: 24 Mar 2020 13:56

Tgt Ion: 76 Resp: 25790

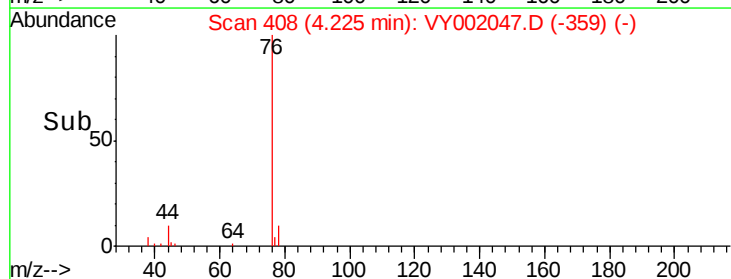
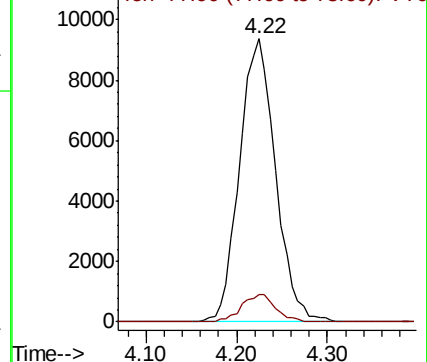
Ion Ratio Lower Upper

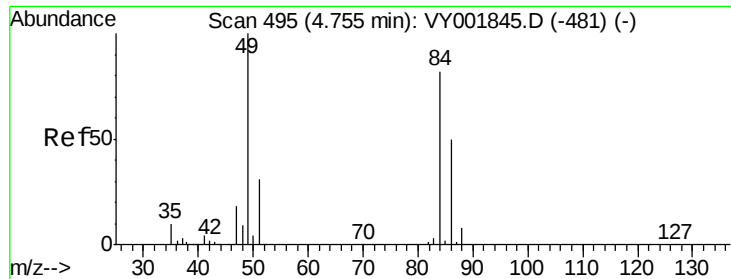
76 100

78 9.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY002047.D (-395) (-)

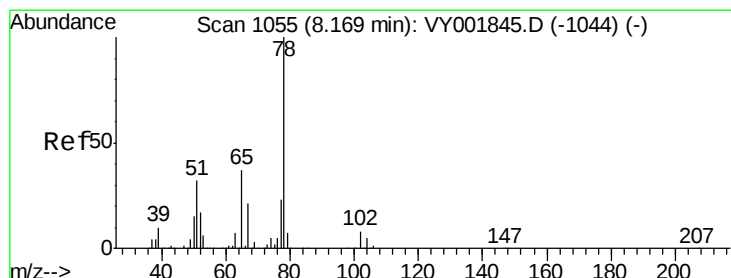
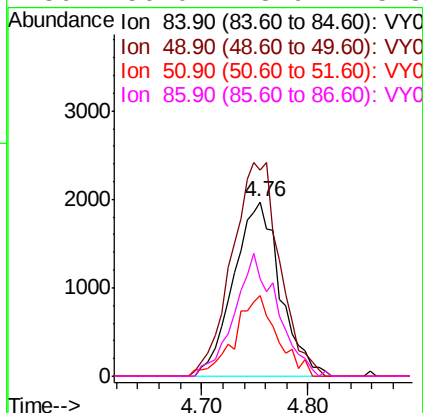
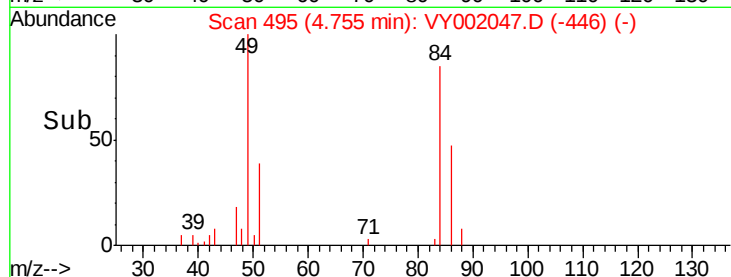
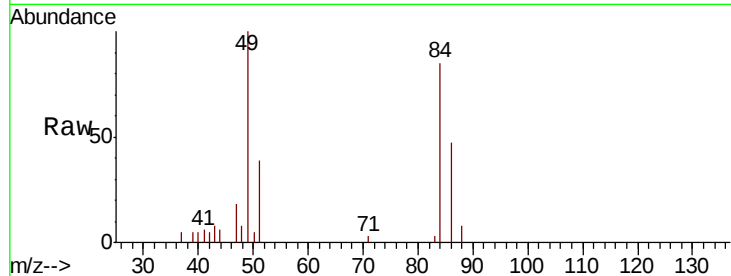




#20
Methvlene Chloride
Concen: 3.210 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002047.D
Acq: 24 Mar 2020 13:56

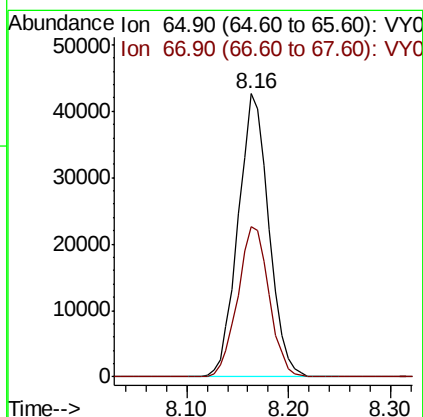
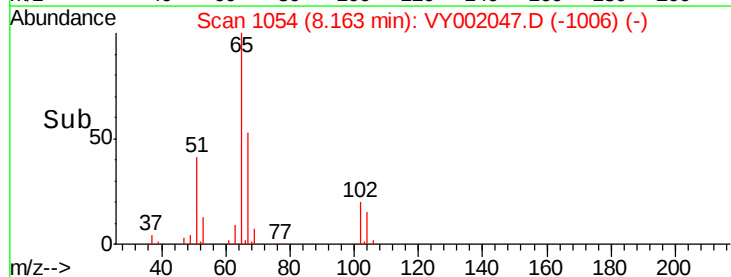
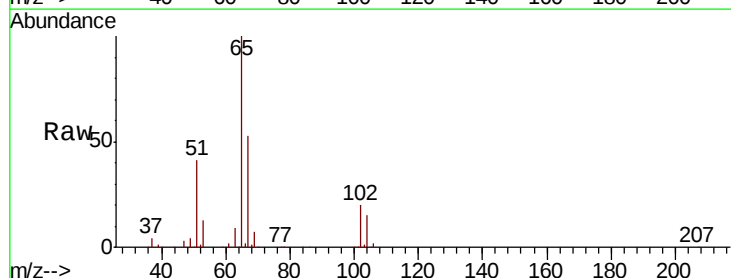
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-02-1.5-2.5

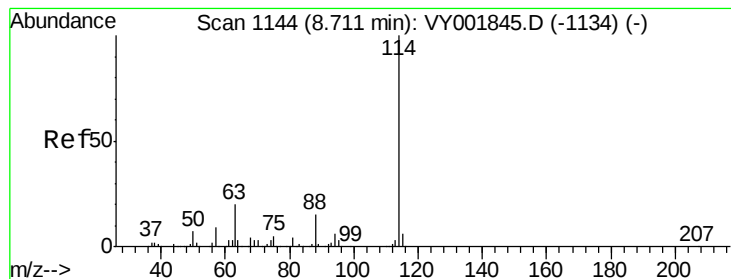
Tot Ion: 84 Resp: 6047
Ion Ratio Lower Upper
84 100
49 118.2 98.2 147.2
51 46.3 30.2 45.2#
86 56.0 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 58.957 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002047.D
Acq: 24 Mar 2020 13:56

Tgt Ion: 65 Resp: 88969
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002047.D

Acq: 24 Mar 2020 13:56

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-02-1.5-2.5

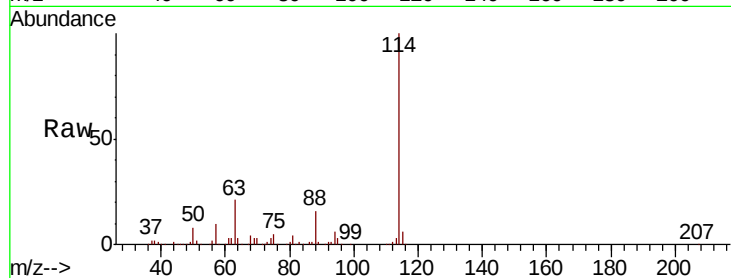
Tot Ion:114 Resp: 273882

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.4

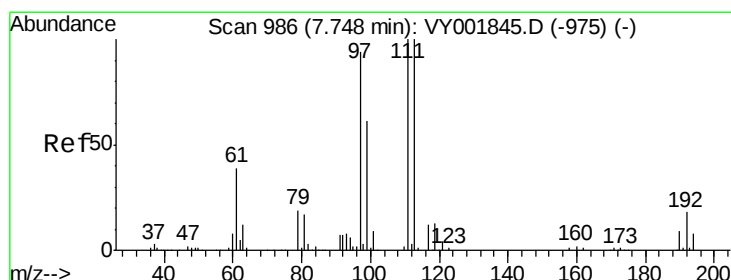
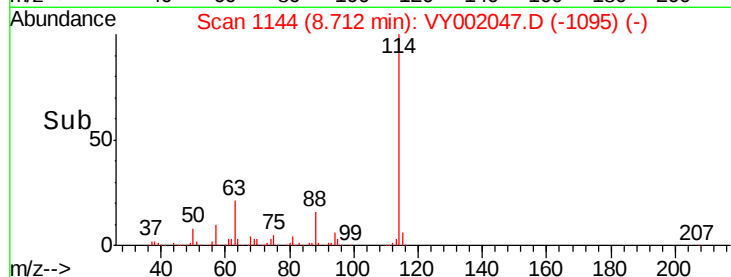
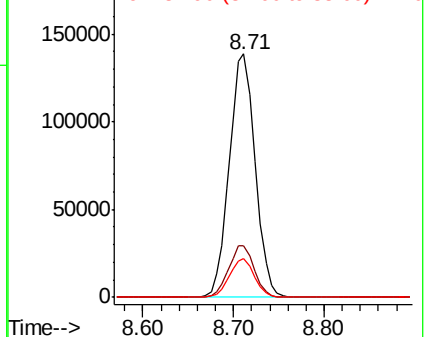
88 16.0 0.0 30.4



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: 54.175 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002047.D

Acq: 24 Mar 2020 13:56

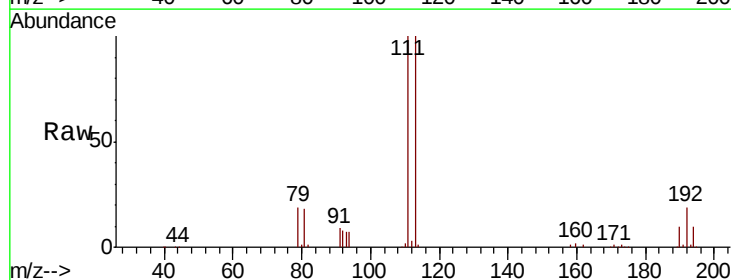
Tgt Ion:113 Resp: 81019

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

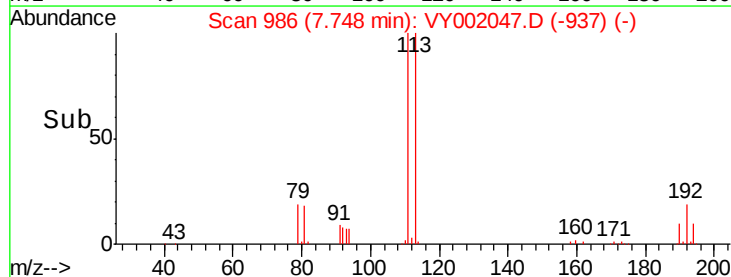
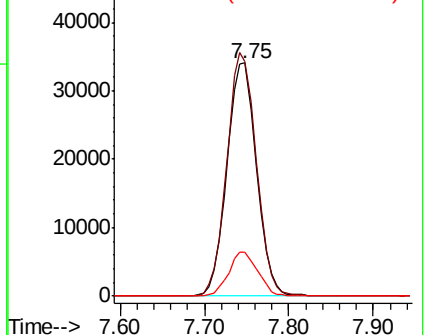
192 18.6 14.2 21.2

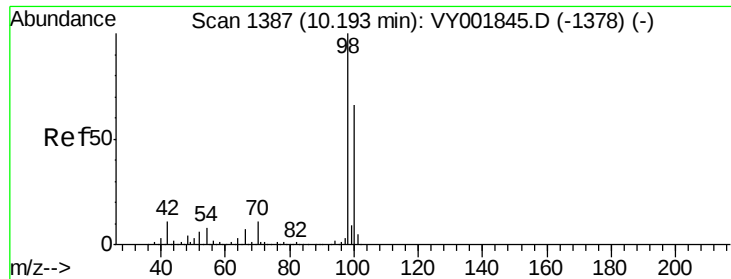


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.539 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY002047.D

Acq: 24 Mar 2020 13:56

Instrument :

MSVOA_Y

ClientSampleId :

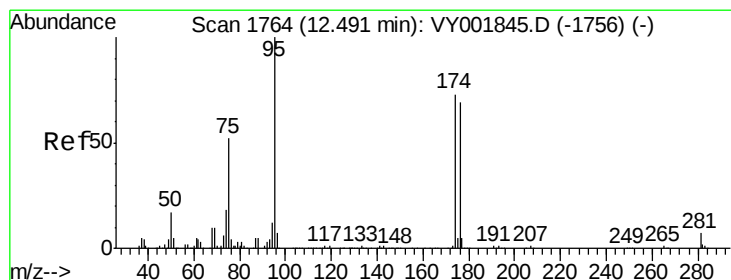
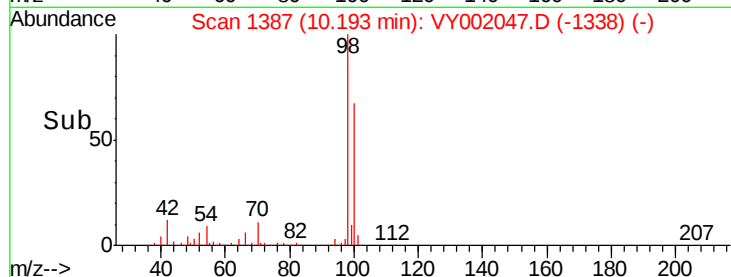
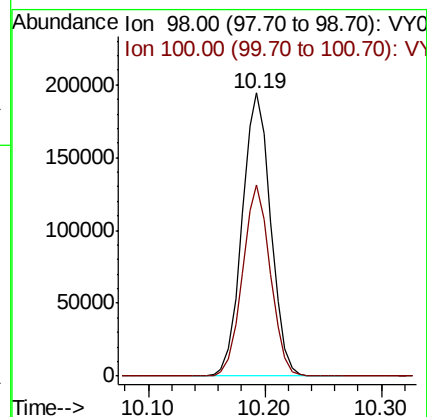
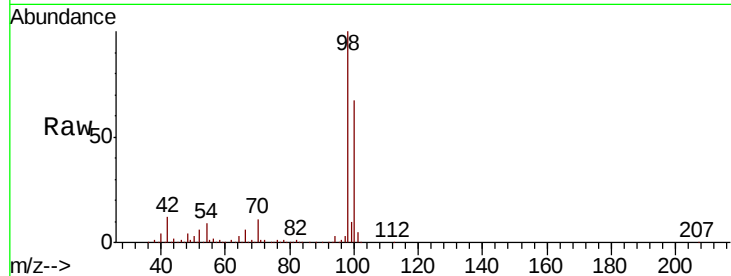
GHD1-SB-02-1.5-2.5

Tot Ion: 98 Resp: 331328

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.828 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002047.D

Acq: 24 Mar 2020 13:56

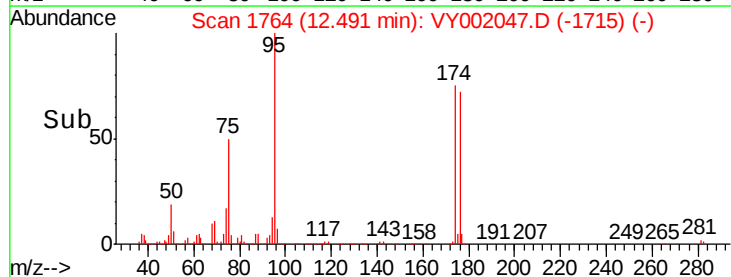
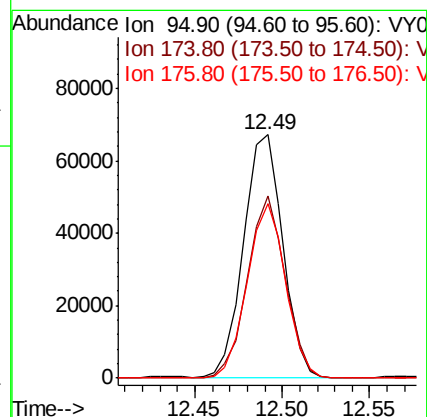
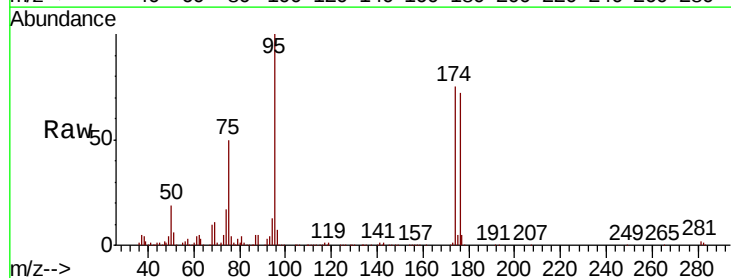
Tgt Ion: 95 Resp: 104878

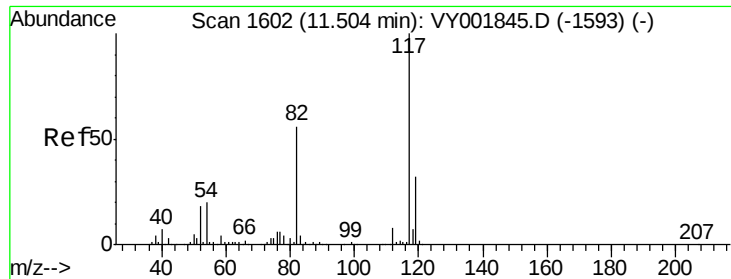
Ion Ratio Lower Upper

95 100

174 72.2 0.0 145.0

176 70.0 0.0 137.4

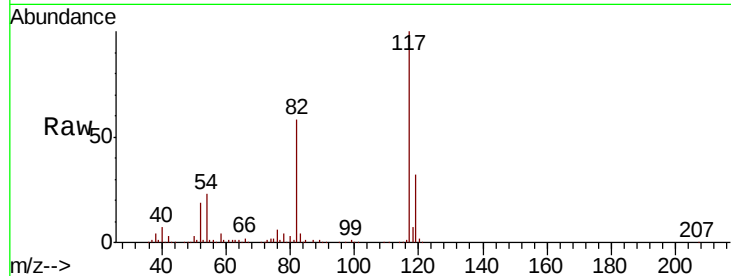




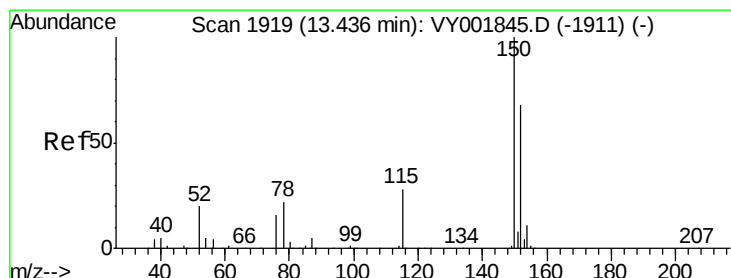
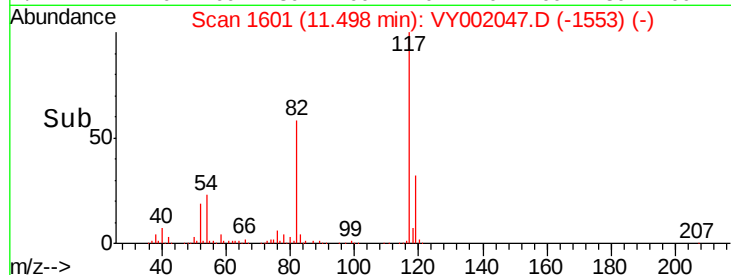
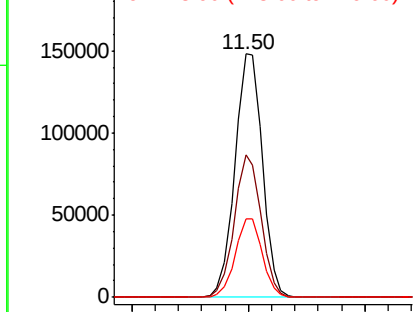
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002047.D
Acq: 24 Mar 2020 13:56

Instrument :
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GHD1-SB-02-1.5-2.5

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	44.5	66.7
119	32.1	25.7	38.5

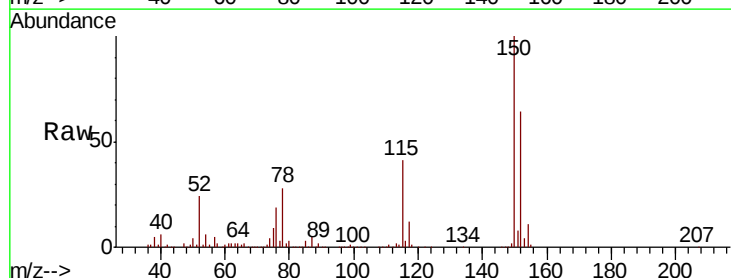


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

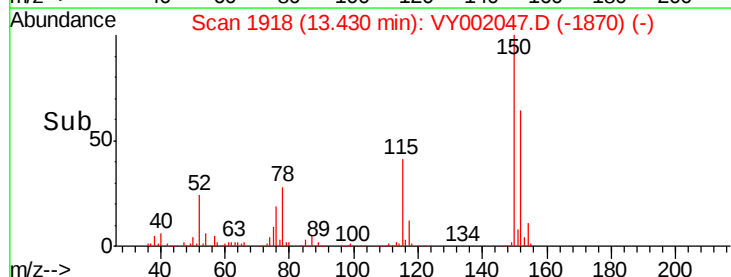
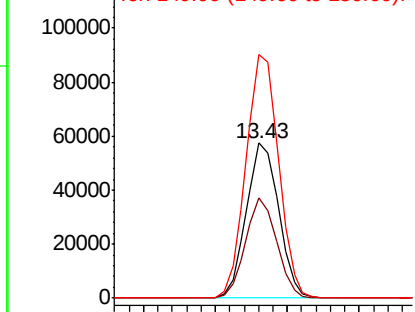


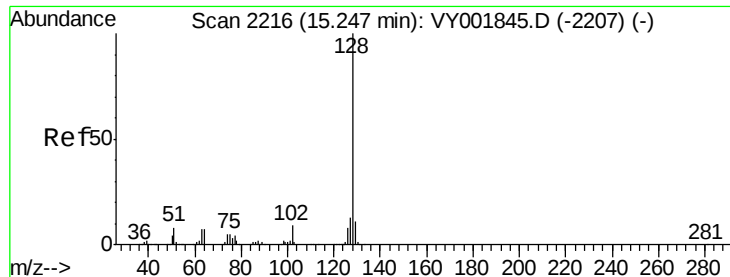
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002047.D
Acq: 24 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	29.9	89.7
150	158.4	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

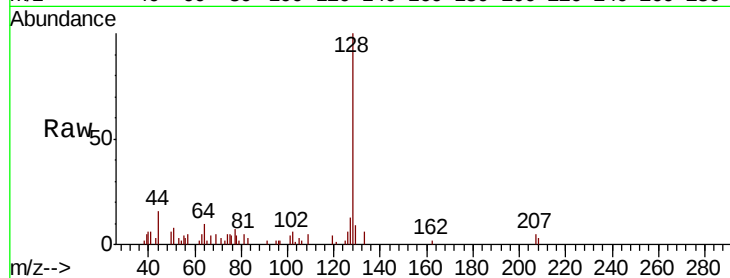




#95
Naphthalene
Concen: 1.721 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002047.D
Acq: 24 Mar 2020 13:56

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-02-1.5-2.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	12.0	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

