

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001999.D
 Acq On : 17 Mar 2020 17:33
 Operator : SY/MD
 Sample : L1958-04
 Misc : 7.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-1.5-2.5

Quant Time: Mar 17 18:01:10 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

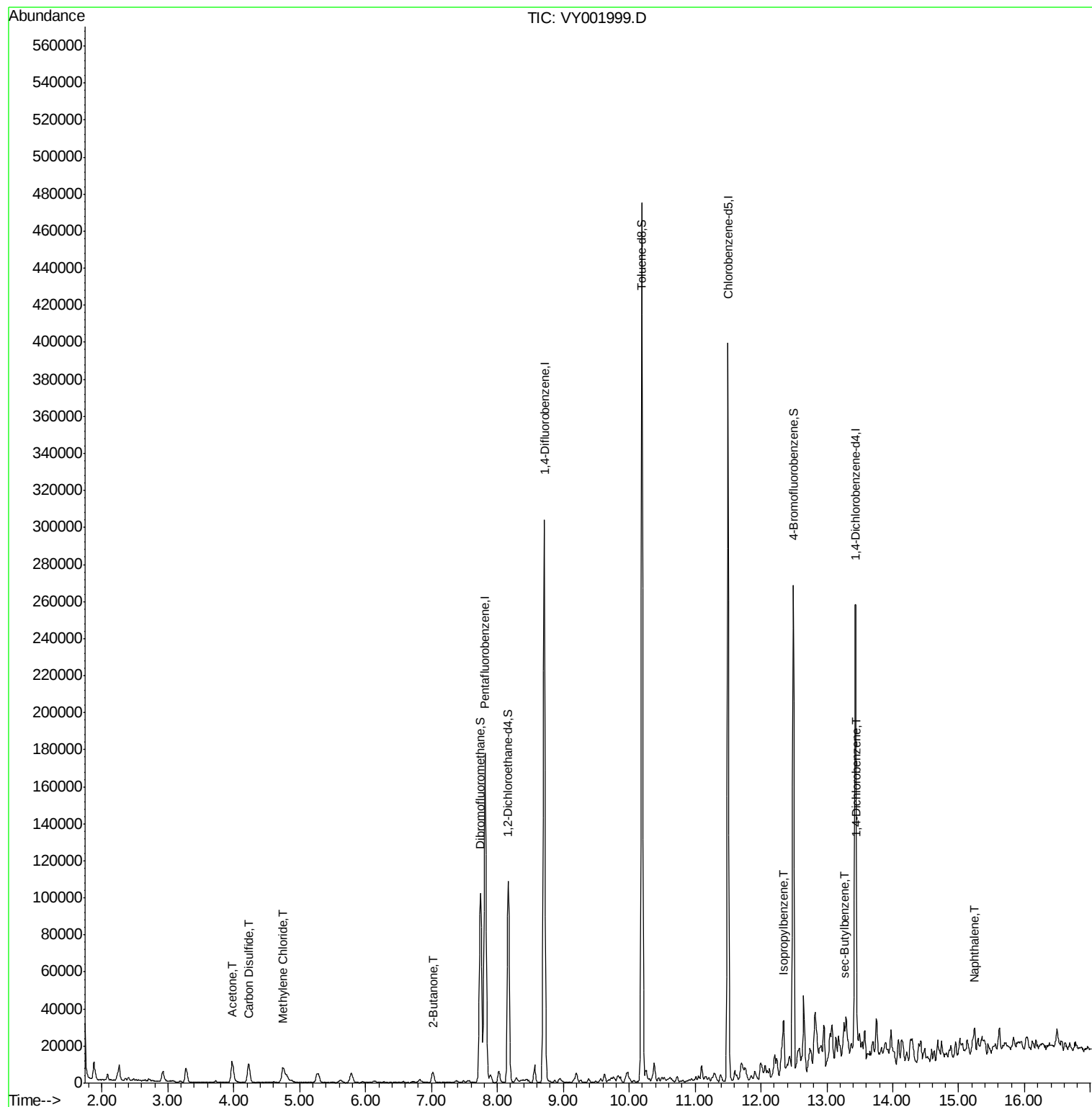
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	132482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	255848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	209510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	61495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79714	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	7.74	113	74709	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
50) Toluene-d8	10.19	98	306250	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.49	95	84055	41.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.06%	
Target Compounds						
16) Acetone	3.97	43	20747	50.364	ug/l	96
17) Carbon Disulfide	4.22	76	19915	4.022	ug/l	96
20) Methylene Chloride	4.74	84	5546	3.141	ug/l	90
25) 2-Butanone	7.02	43	7527	12.015	ug/l	95
73) Isopropylbenzene	12.34	105	4849	1.033	ug/l	94
85) sec-Butylbenzene	13.26	105	6353	1.343	ug/l #	75
88) 1,4-Dichlorobenzene	13.45	146	5730	2.898	ug/l #	79
95) Naphthalene	15.25	128	9361	3.437	ug/l #	88

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

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GHD1-SB-03-1.5-2.5

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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: VY001999.D

Acq: 17 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

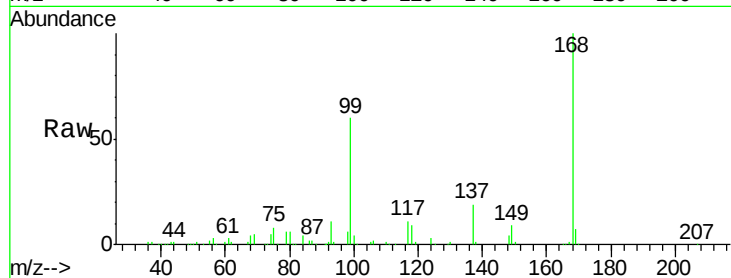
GHD1-SB-03-1.5-2.5

Tot Ion:168 Resp: 132482

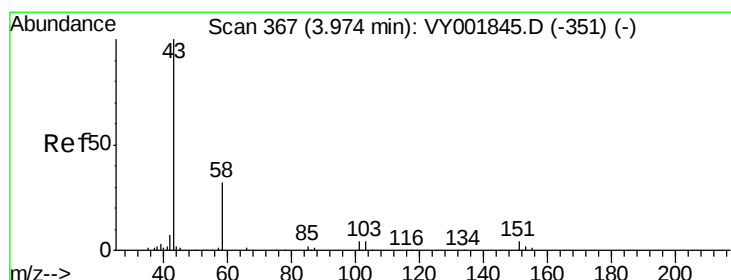
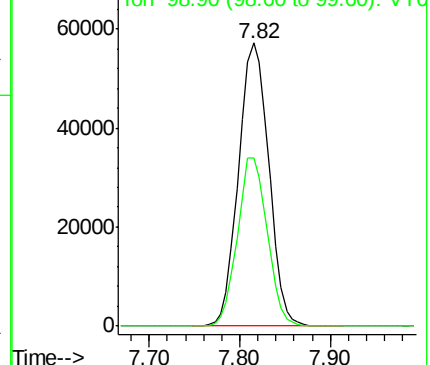
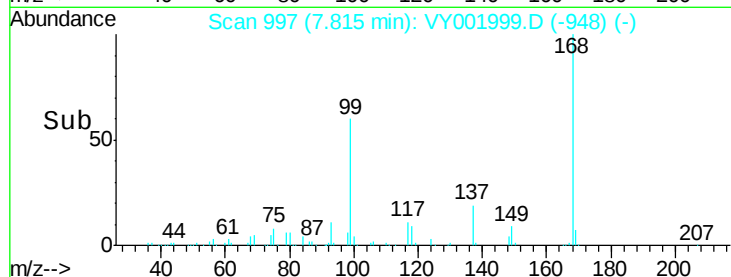
Ion Ratio Lower Upper

168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001999.D (-948) (-)



#16

Acetone

Concen: 50.364 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001999.D

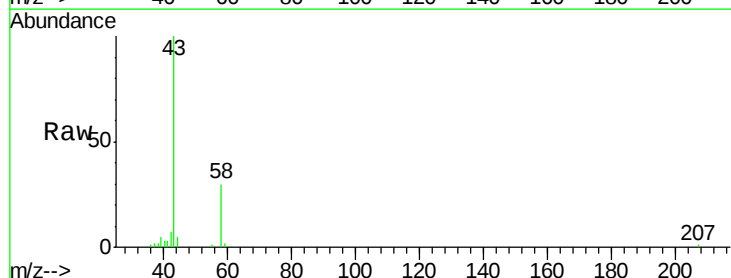
Acq: 17 Mar 2020 17:33

Tgt Ion: 43 Resp: 20747

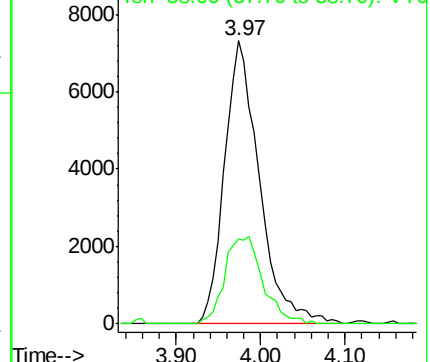
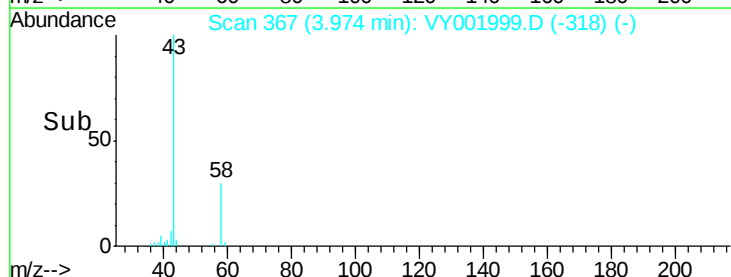
Ion Ratio Lower Upper

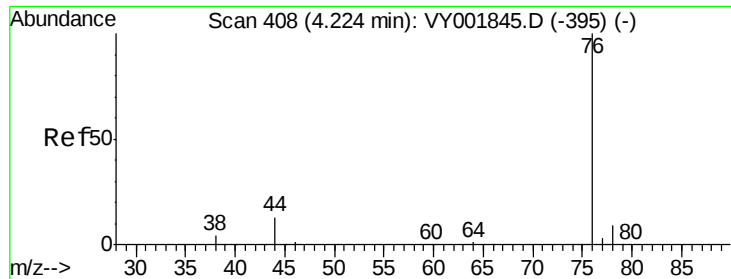
43 100

58 30.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001999.D (-318) (-)

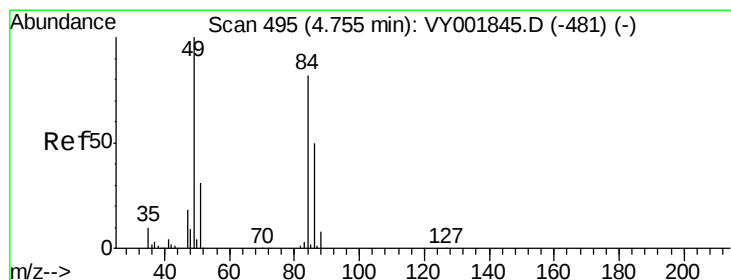
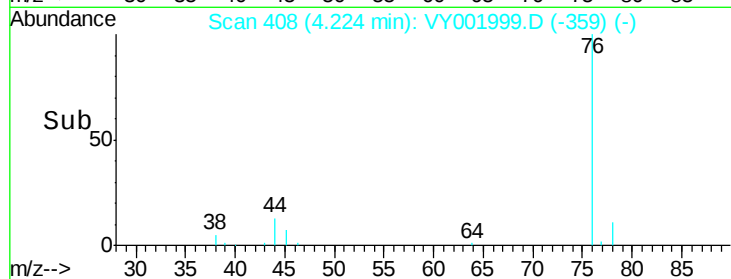
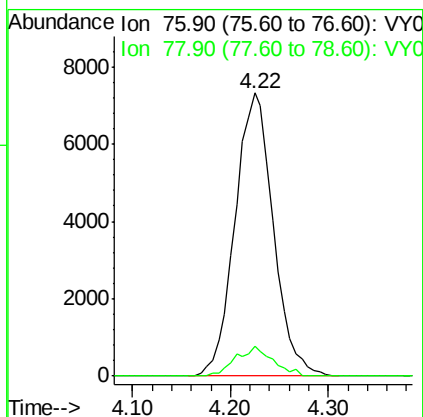
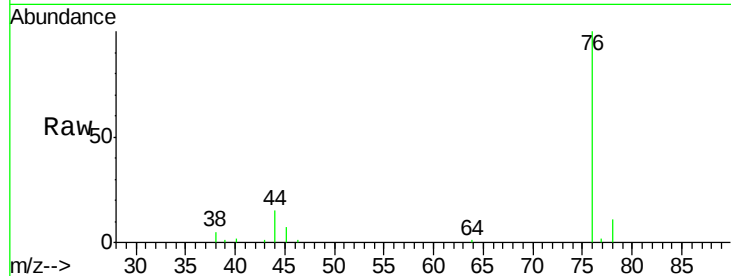




#17
Carbon Disulfide
Concen: 4.022 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001999.D
Acq: 17 Mar 2020 17:33

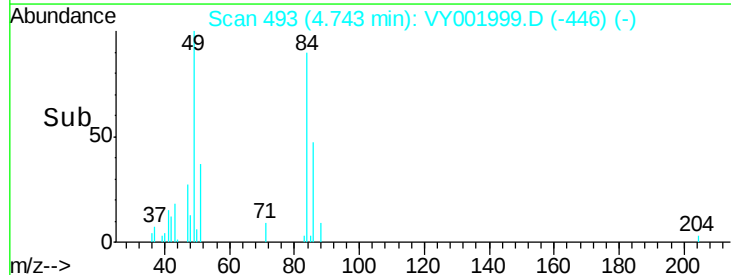
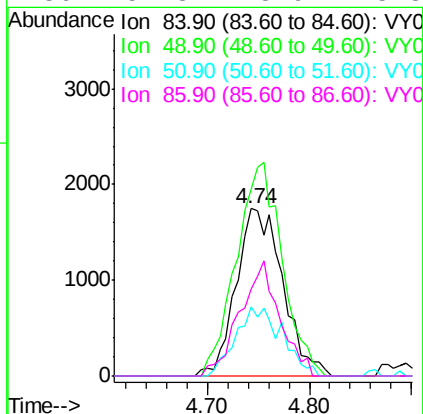
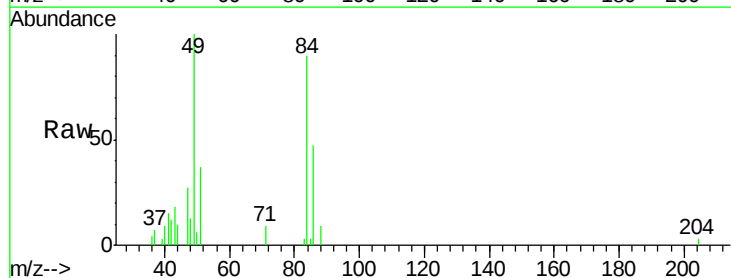
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-1.5-2.5

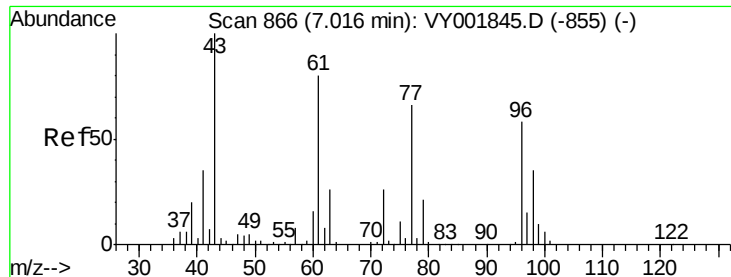
Tot Ion: 76 Resp: 19915
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2



#20
Methylene Chloride
Concen: 3.141 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001999.D
Acq: 17 Mar 2020 17:33

Tgt Ion: 84 Resp: 5546
Ion Ratio Lower Upper
84 100
49 111.3 98.2 147.2
51 41.6 30.2 45.2
86 52.3 48.9 73.3





#25

2-Butanone

Concen: 12.015 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

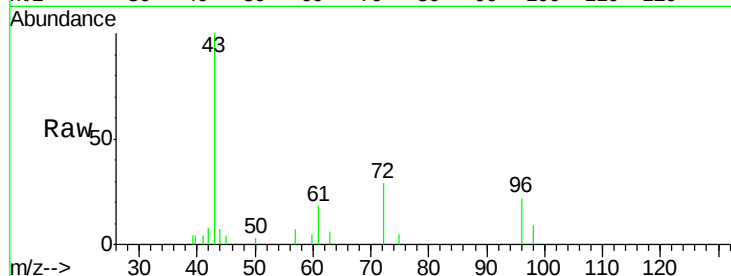
GHD1-SB-03-1.5-2.5

Tot Ion: 43 Resp: 7527

Ion Ratio Lower Upper

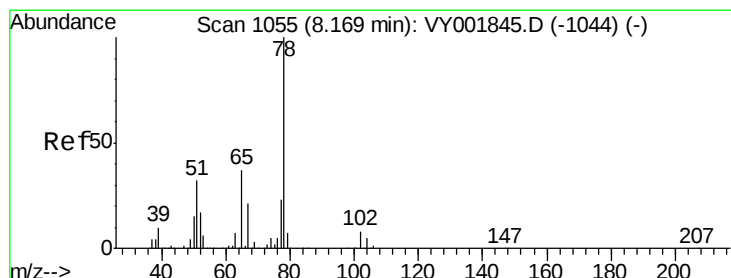
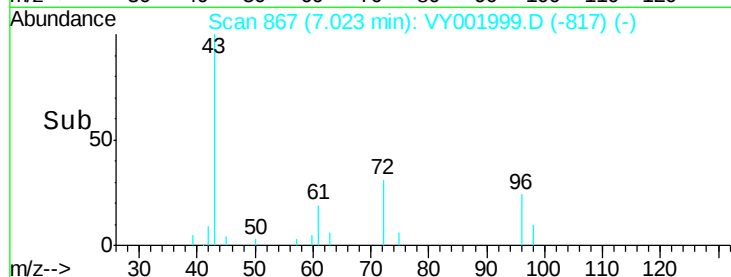
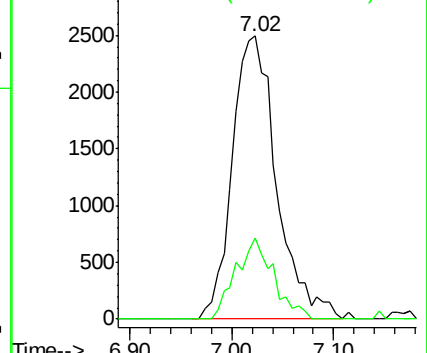
43 100

72 28.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 56.362 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001999.D

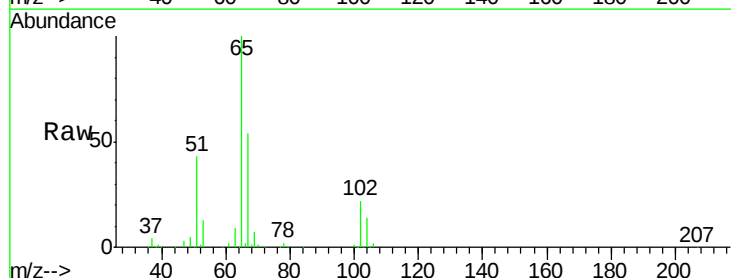
Acq: 17 Mar 2020 17:33

Tgt Ion: 65 Resp: 79714

Ion Ratio Lower Upper

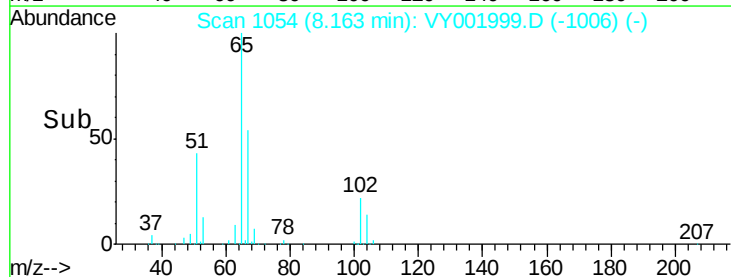
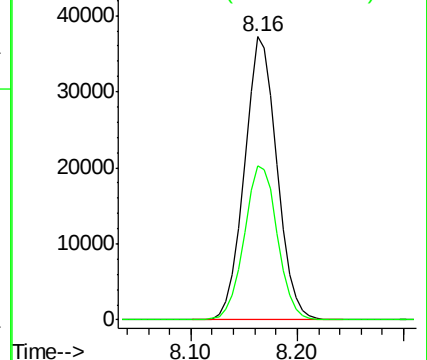
65 100

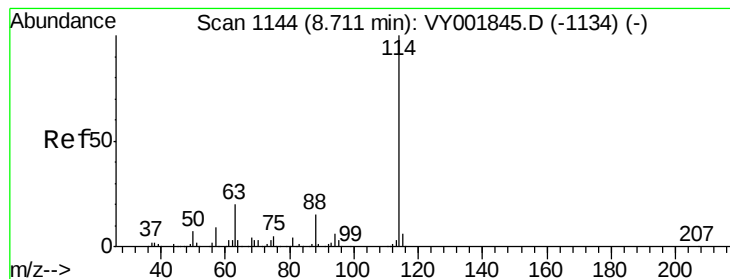
67 55.5 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-1.5-2.5

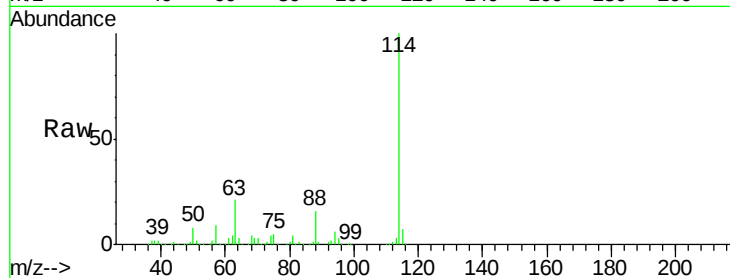
Tot Ion:114 Resp: 255848

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

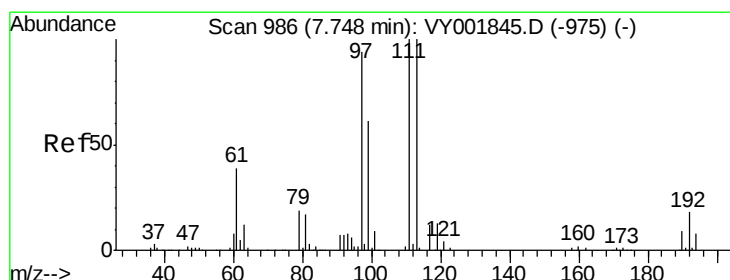
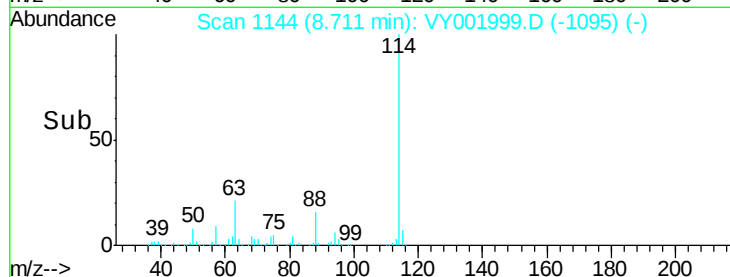
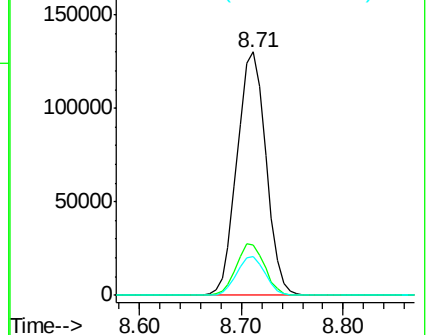
88 15.9 0.0 30.4



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: 53.476 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

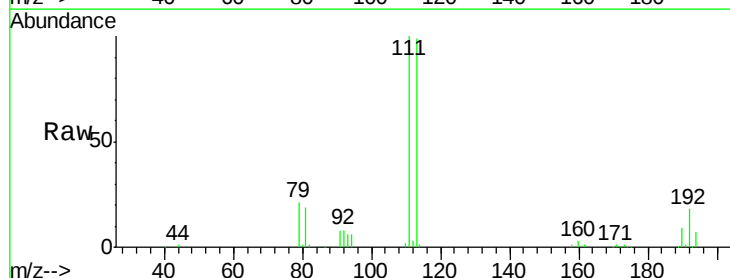
Tgt Ion:113 Resp: 74709

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

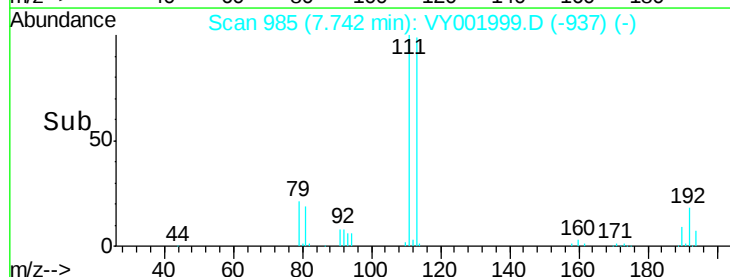
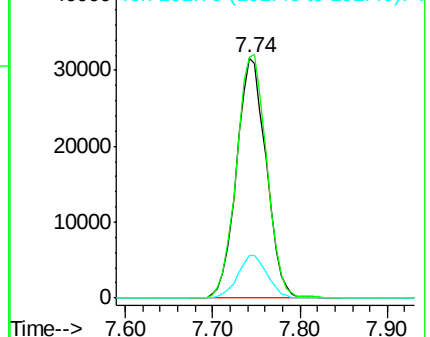
192 17.6 14.2 21.2

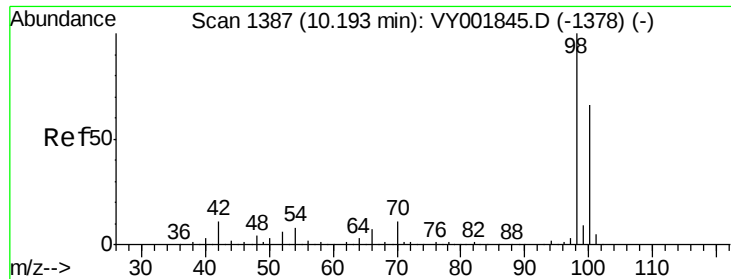


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.985 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

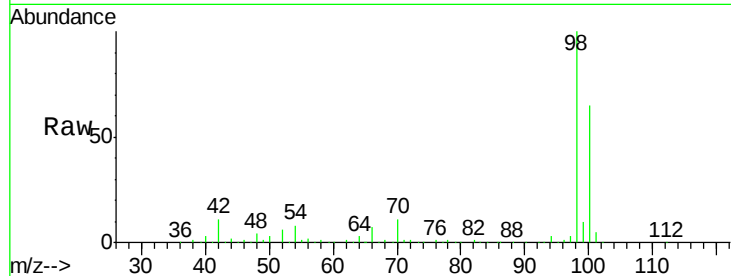
GHD1-SB-03-1.5-2.5

Tot Ion: 98 Resp: 306250

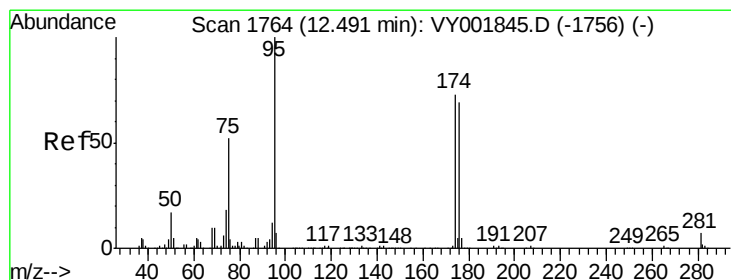
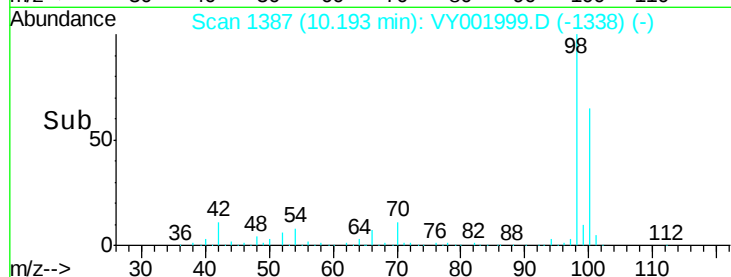
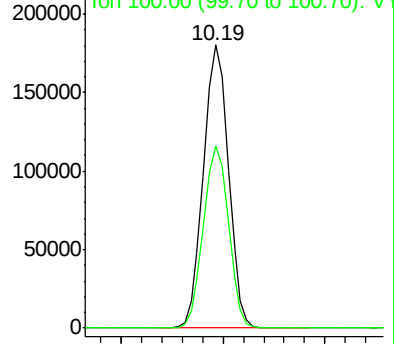
Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001999.D (-1338) (-)



#62

4-Bromofluorobenzene

Concen: 41.034 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

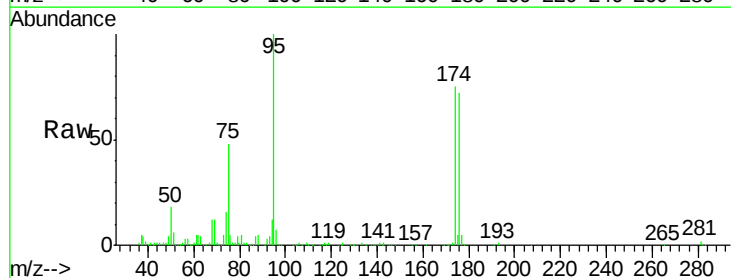
Tgt Ion: 95 Resp: 84055

Ion Ratio Lower Upper

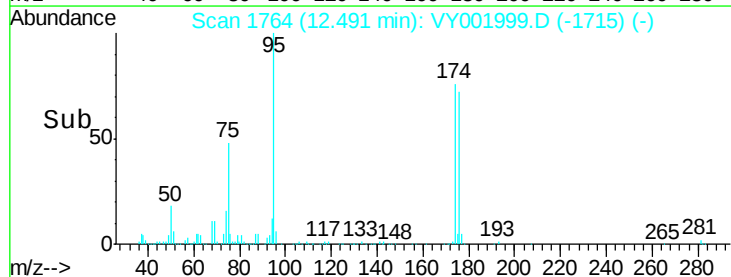
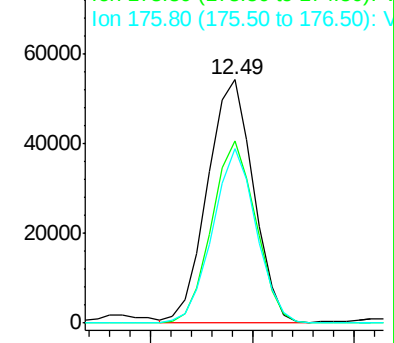
95 100

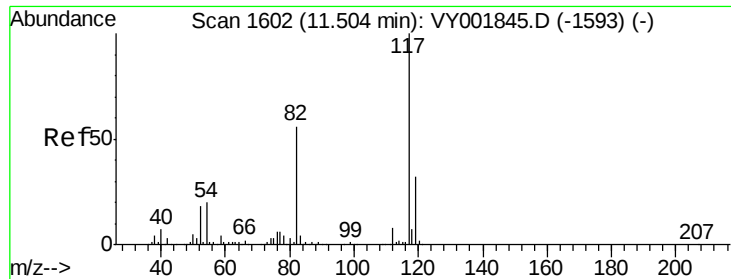
174 72.7 0.0 145.0

176 68.7 0.0 137.4



Abundance Ion 94.90 (94.60 to 95.60): VY001999.D (-1715) (-)

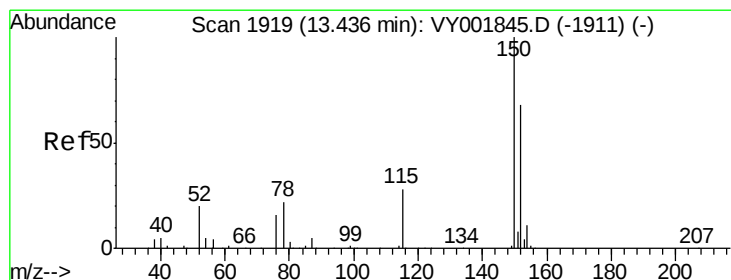
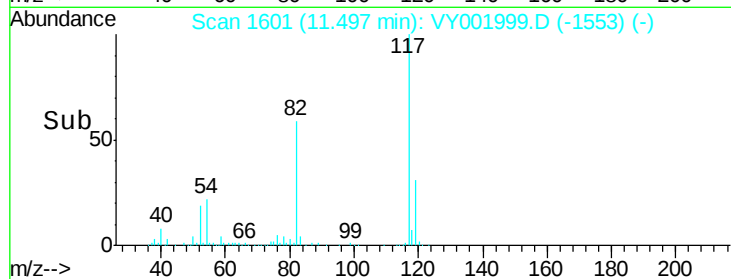
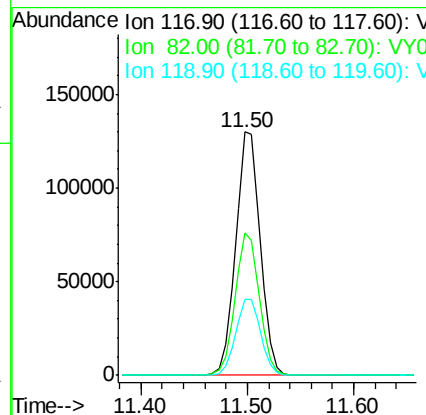
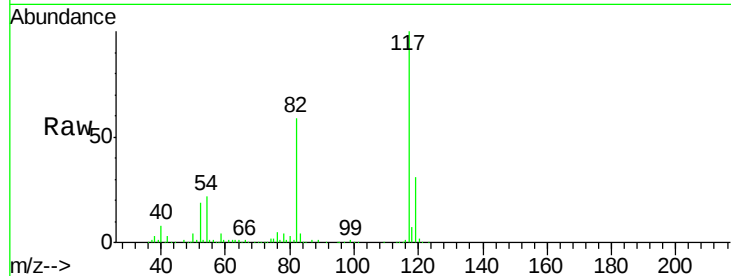




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001999.D
Acq: 17 Mar 2020 17:33

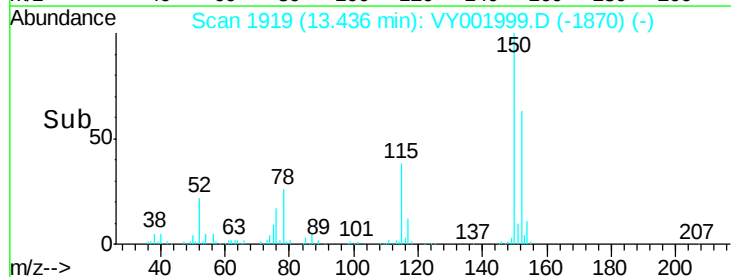
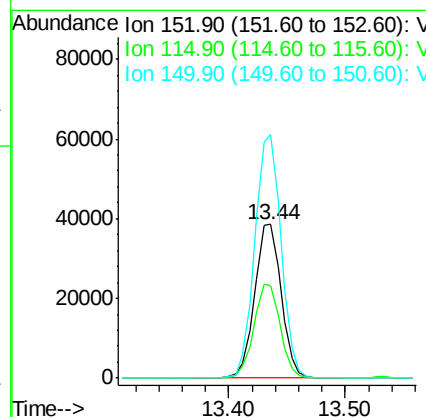
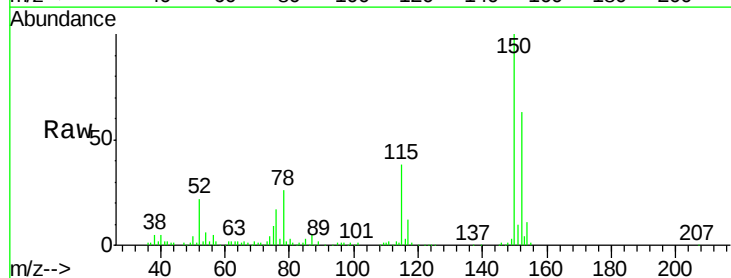
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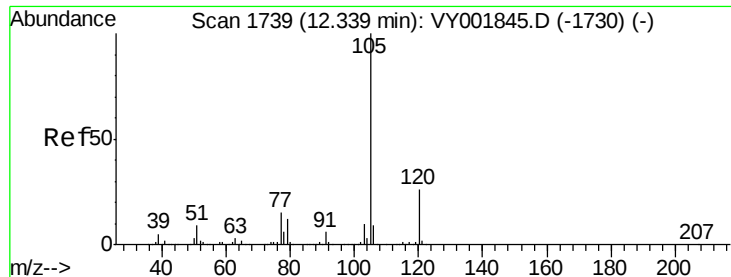
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	44.5	66.7
119	31.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001999.D
Acq: 17 Mar 2020 17:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.9	89.7
150	156.8	0.0	340.6





#73

Isopropylbenzene

Concen: 1.033 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

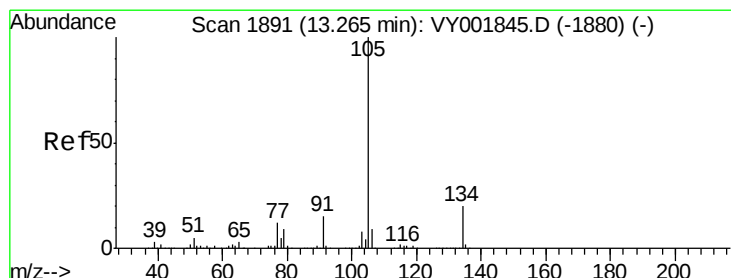
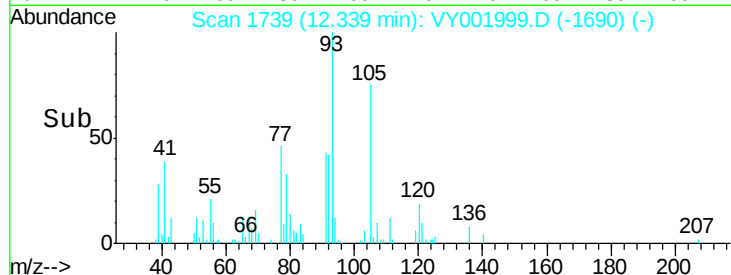
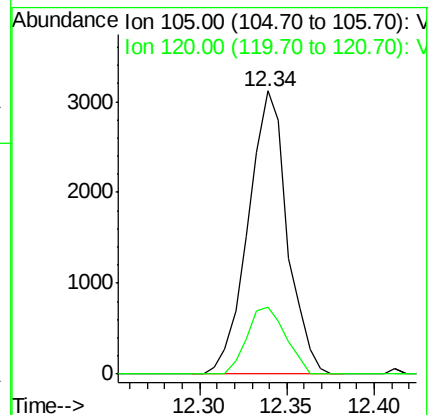
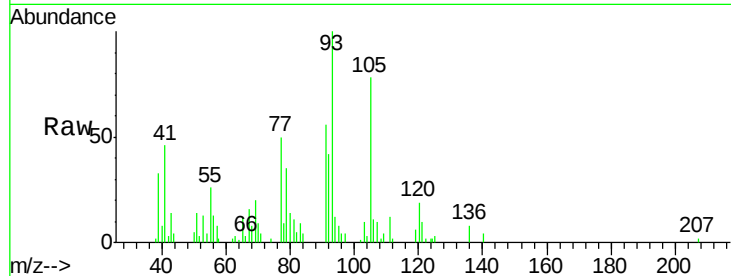
GHD1-SB-03-1.5-2.5

Tot Ion:105 Resp: 4849

Ion Ratio Lower Upper

105 100

120 23.4 13.1 39.3



#85

sec-Butylbenzene

Concen: 1.343 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001999.D

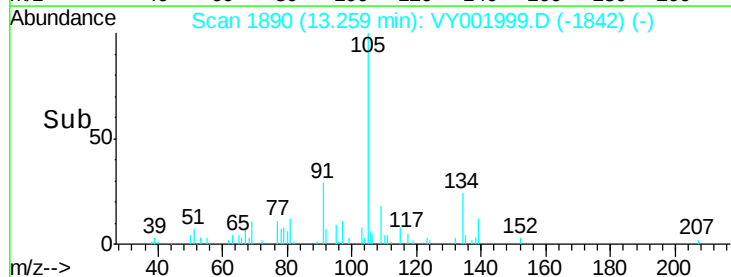
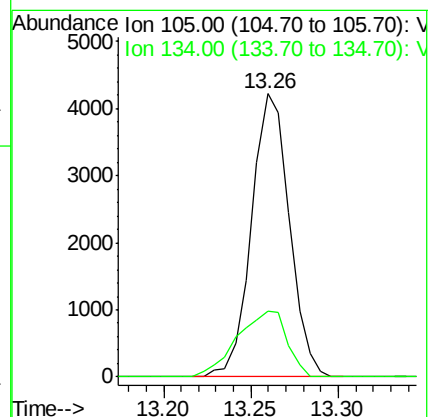
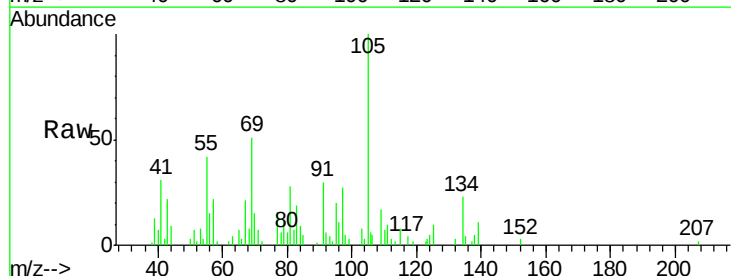
Acq: 17 Mar 2020 17:33

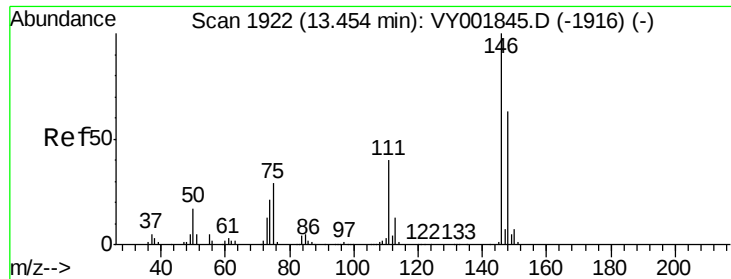
Tgt Ion:105 Resp: 6353

Ion Ratio Lower Upper

105 100

134 30.7 9.7 29.1#





#88

1,4-Dichlorobenzene

Concen: 2.898 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-1.5-2.5

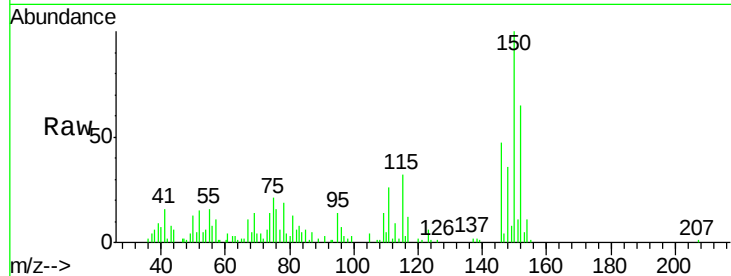
Tot Ion:146 Resp: 5730

Ion Ratio Lower Upper

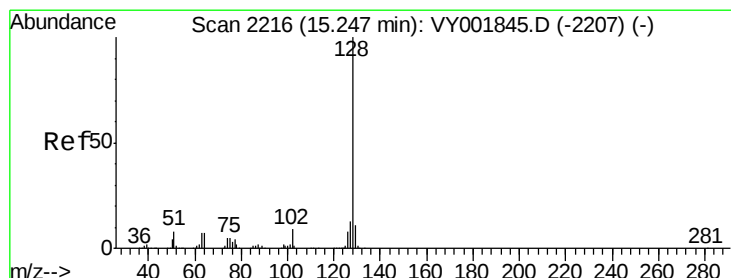
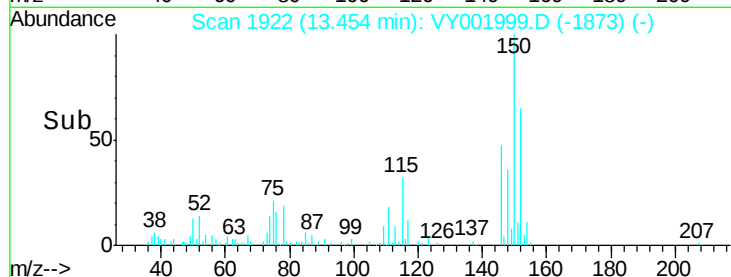
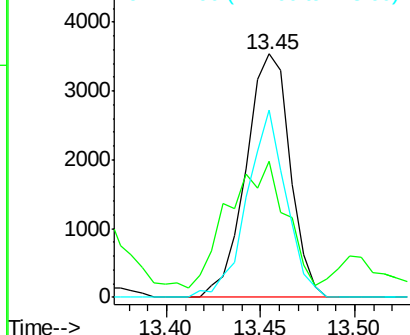
146 100

111 66.9 20.0 60.0#

148 68.4 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 3.437 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001999.D

Acq: 17 Mar 2020 17:33

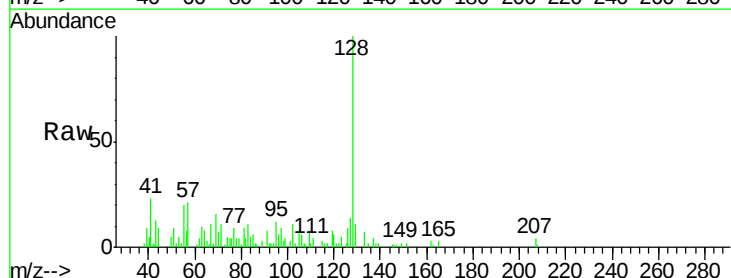
Tgt Ion:128 Resp: 9361

Ion Ratio Lower Upper

128 100

127 16.0 10.1 15.1#

129 16.8 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

