

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
 Data File : VY002050.D
 Acq On : 24 Mar 2020 15:03
 Operator : SY/MD
 Sample : L2013-04
 Misc : 8.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-8-9

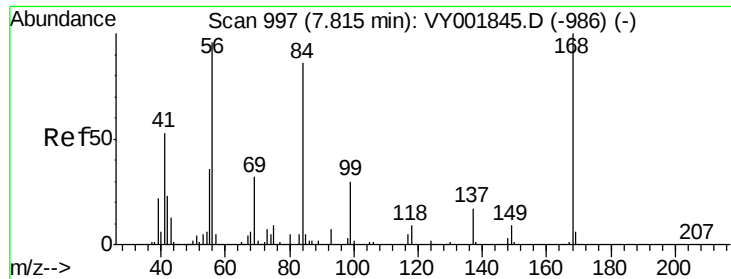
Quant Time: Mar 24 16:58:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	137604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	266216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	227883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	79186	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85535	58.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.46%	
35) Dibromofluoromethane	7.74	113	77678	53.44	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.19	98	316986	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.49	95	97105	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.99	59	167	Below Cal	#	74
16) Acetone	3.97	43	38887	90.89	ug/l	98
17) Carbon Disulfide	4.22	76	41219	8.01	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	4913	1.19	ug/l	# 1
20) Methylene Chloride	4.75	84	2192	1.20	ug/l	# 81
25) 2-Butanone	7.01	43	17134	26.33	ug/l	92
27) cis-1,2-Dichloroethene	7.01	96	3887	2.06	ug/l	88
31) Cyclohexane	7.81	56	4317	1.34	ug/l	# 11
36) 1,1-Dichloropropene	7.80	75	11570	4.52	ug/l	# 49
37) Ethyl Acetate	7.01	43	17134	11.51	ug/l	# 68
38) Carbon Tetrachloride	7.80	117	14445	6.60	ug/l	# 16
40) Benzene	8.18	78	19124	2.52	ug/l	100
49) 1,4-Dioxane	9.53	88	23	1.71	ug/l	# 22
52) Toluene	10.25	92	10065	2.18	ug/l	96
67) Ethyl Benzene	11.60	91	10493	1.24	ug/l	100
68) m/p-Xylenes	11.70	106	4267	1.36	ug/l	84
69) o-Xylene	12.03	106	3092	1.05	ug/l	94
70) Styrene	12.05	104	5849	1.16	ug/l	95
73) Isopropylbenzene	12.33	105	6333	1.05	ug/l	95
74) N-amyl acetate	12.13	43	2988	1.61	ug/l	# 42
75) 1,1,2,2-Tetrachloroethane	12.55	83	1317	1.01	ug/l	# 26
76) 1,2,3-Trichloropropane	12.49	75	49004	52.15	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.82	105	5258	1.06	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.49	75	49004	105.35	ug/l	# 17
83) tert-Butylbenzene	13.08	119	4368	1.06	ug/l	86
84) 1,2,4-Trimethylbenzene	13.13	105	8871	1.80	ug/l	97
85) sec-Butylbenzene	13.26	105	8390	1.38	ug/l	# 42
88) 1,4-Dichlorobenzene	13.45	146	8490	3.33	ug/l	# 67
92) 1,2-Dibromo-3-Chloropropan	14.37	75	925	4.55	ug/l	# 1
95) Naphthalene	15.24	128	323971	92.37	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

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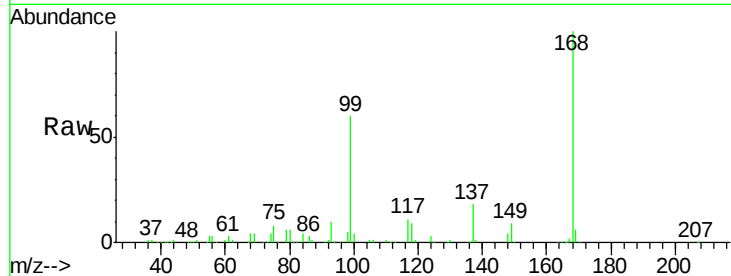
GHD1-SB-03-8-9

Tgt Ion:168 Resp: 137604

Ion Ratio Lower Upper

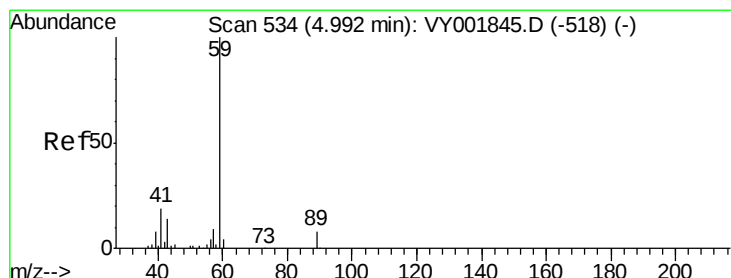
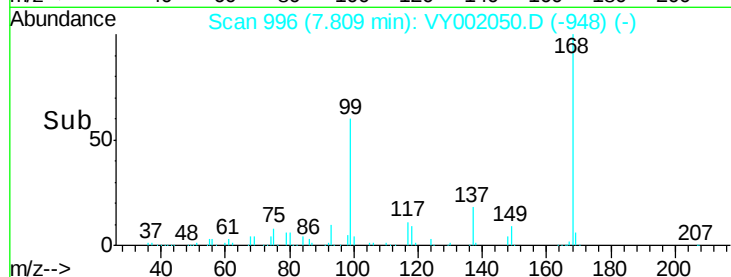
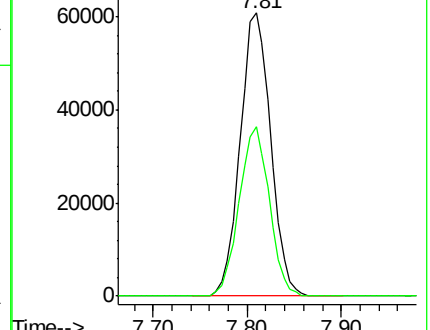
168 100

99 60.1 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) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY002050.D

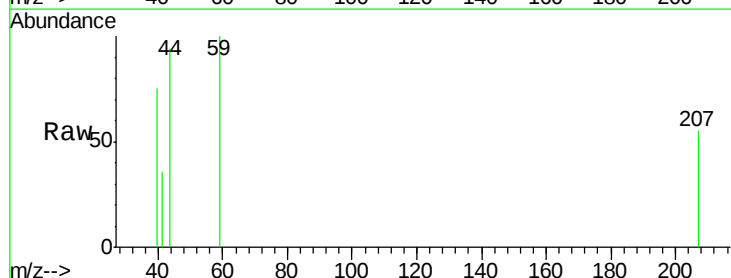
Acq: 24 Mar 2020 15:03

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

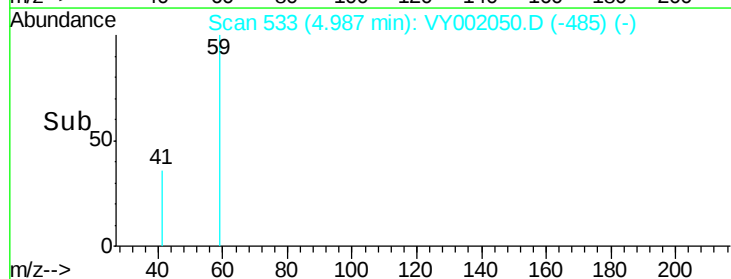
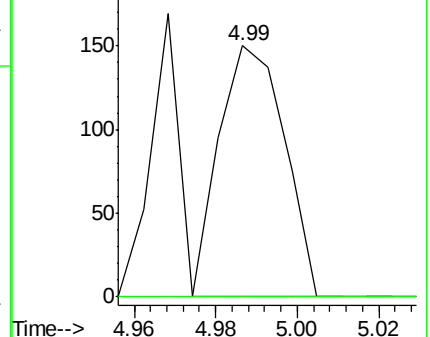
59 100

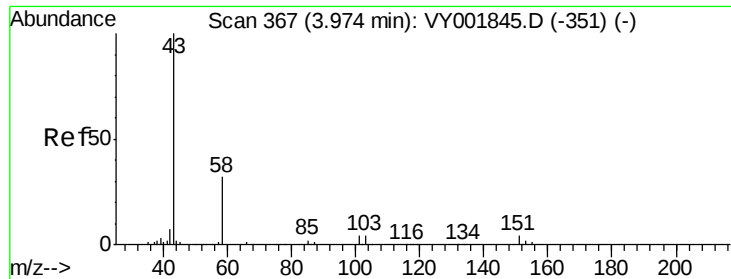
57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001845.D (-518) (-)

Ion 57.00 (56.70 to 57.70): VY001845.D (-518) (-)





#16

Acetone

Concen: 90.89 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

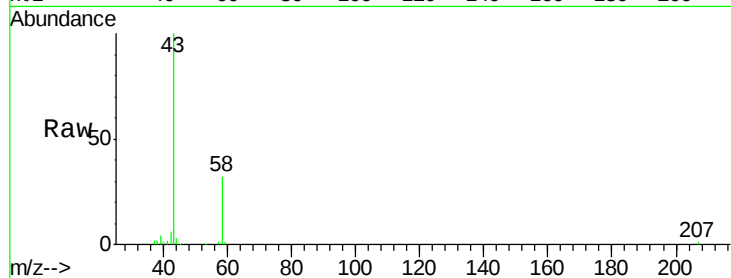
GHD1-SB-03-8-9

Tgt Ion: 43 Resp: 38887

Ion Ratio Lower Upper

43 100

58 31.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

15000

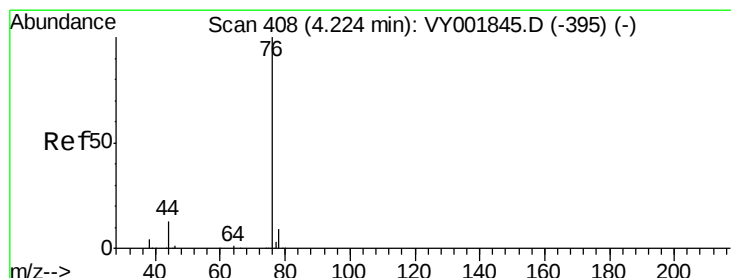
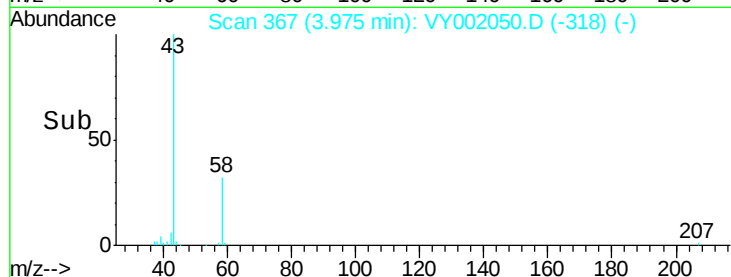
10000

5000

0

3.97

Time-->



#17

Carbon Disulfide

Concen: 8.01 ug/l

RT: 4.22 min Scan# 407

Delta R.T. -0.01 min

Lab File: VY002050.D

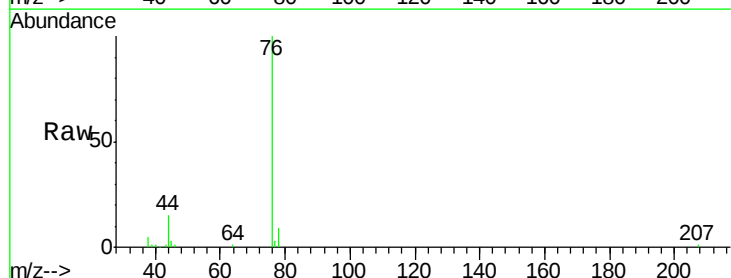
Acq: 24 Mar 2020 15:03

Tgt Ion: 76 Resp: 41219

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

15000

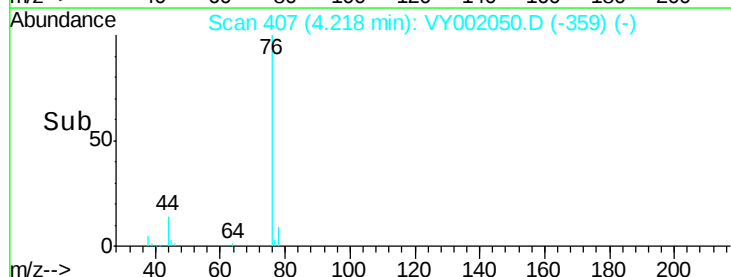
10000

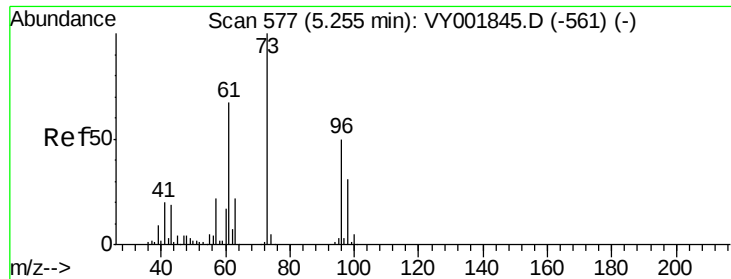
5000

0

4.22

Time-->

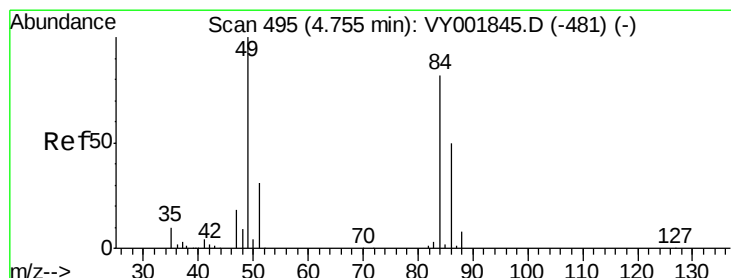
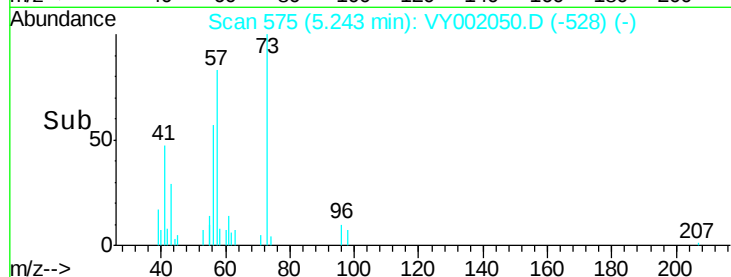
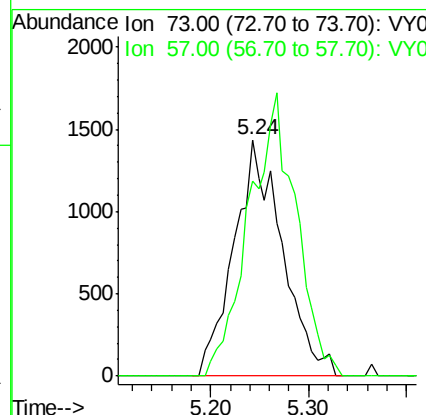
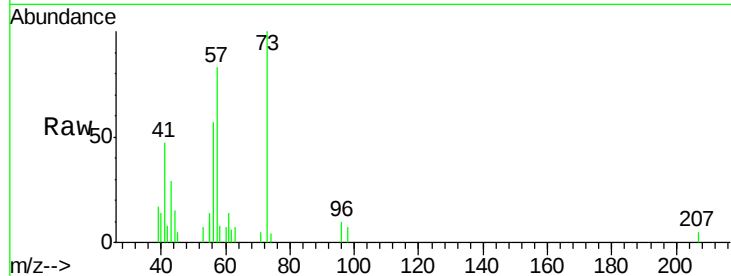




#19
Methyl tert-butyl Ether
Concen: 1.19 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

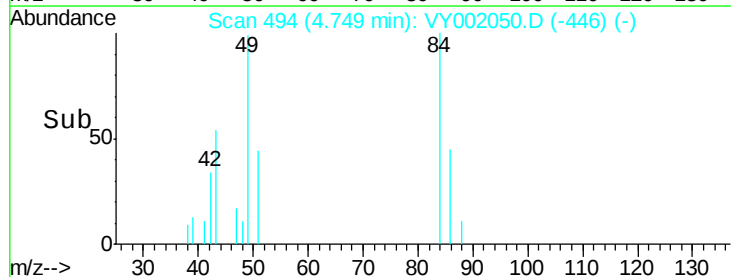
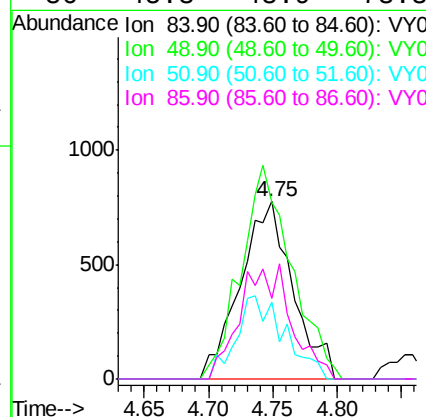
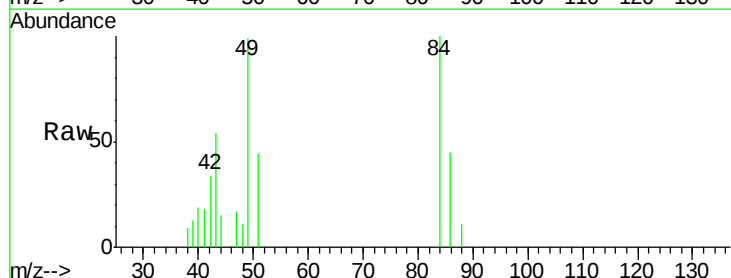
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

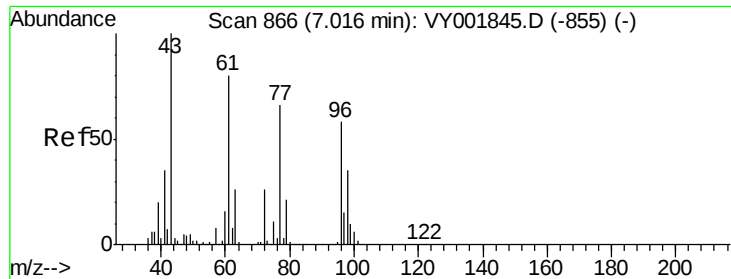
Tgt Ion: 73 Resp: 4913
Ion Ratio Lower Upper
73 100
57 82.6 17.4 26.2#



#20
Methylene Chloride
Concen: 1.20 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 84 Resp: 2192
Ion Ratio Lower Upper
84 100
49 99.1 98.2 147.2
51 43.5 30.2 45.2
86 45.3 48.9 73.3#





#25

2-Butanone

Concen: 26.33 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

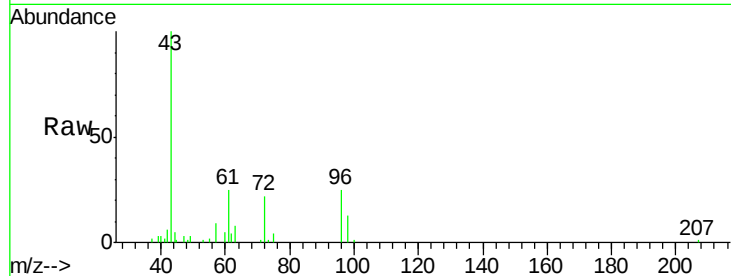
GHD1-SB-03-8-9

Tgt Ion: 43 Resp: 17134

Ion Ratio Lower Upper

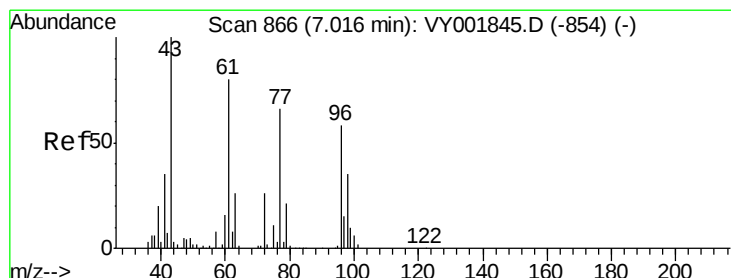
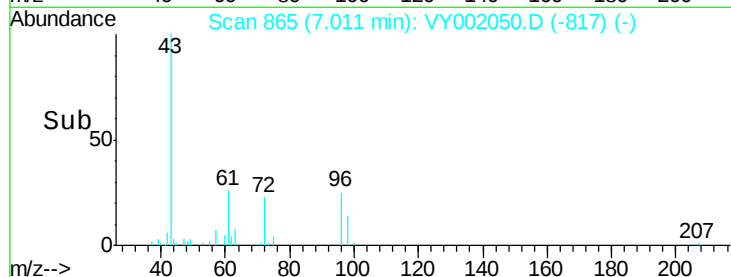
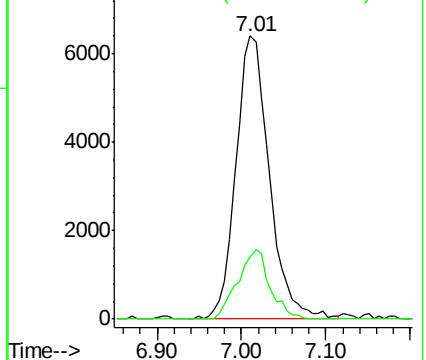
43 100

72 22.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#27

cis-1,2-Dichloroethene

Concen: 2.06 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

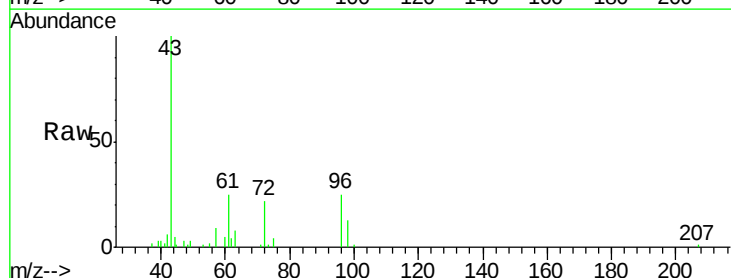
Tgt Ion: 96 Resp: 3887

Ion Ratio Lower Upper

96 100

61 123.0 0.0 288.2

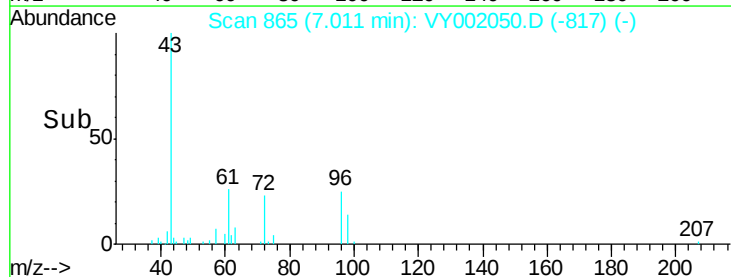
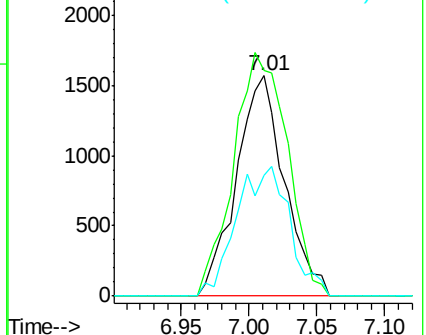
98 65.0 0.0 129.0

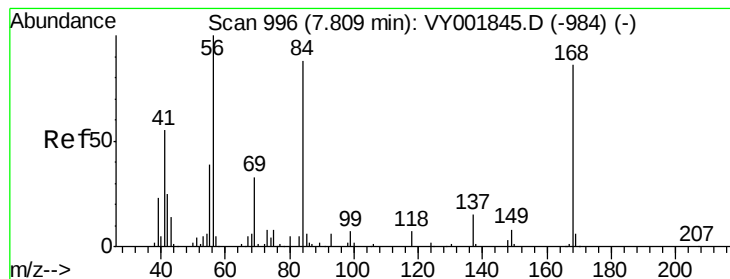


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#31

Cyclohexane

Concen: 1.34 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-8-9

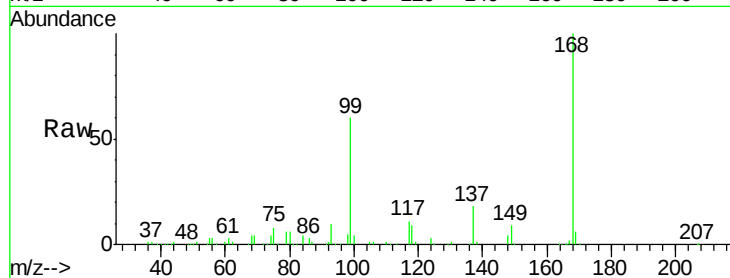
Tgt Ion: 56 Resp: 4317

Ion Ratio Lower Upper

56 100

69 128.7 26.7 40.1#

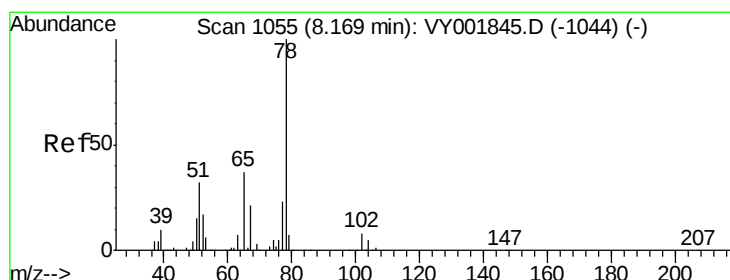
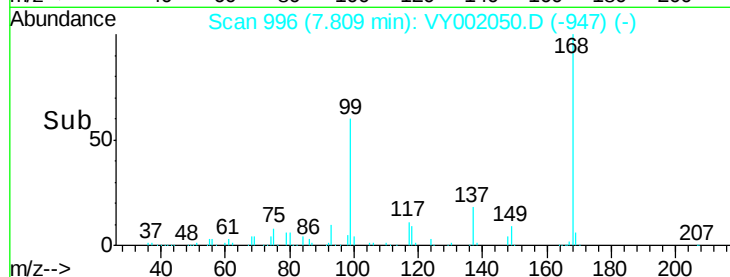
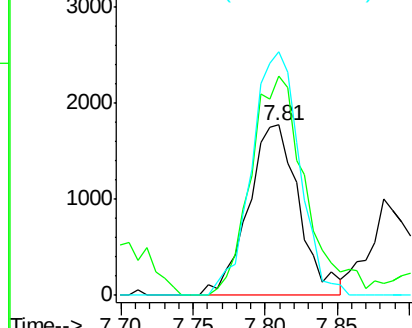
84 143.0 70.4 105.6#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.23 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002050.D

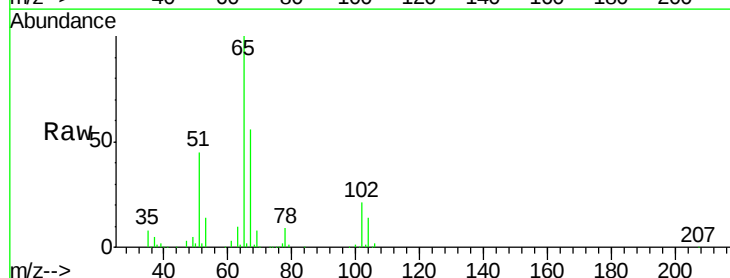
Acq: 24 Mar 2020 15:03

Tgt Ion: 65 Resp: 85535

Ion Ratio Lower Upper

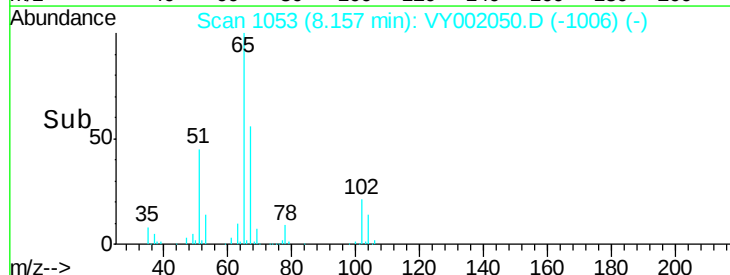
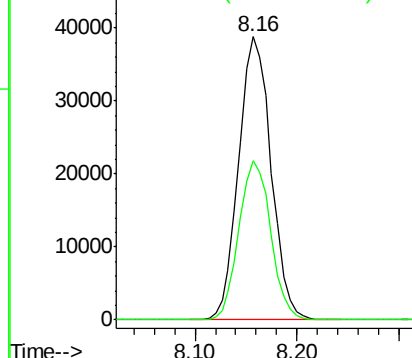
65 100

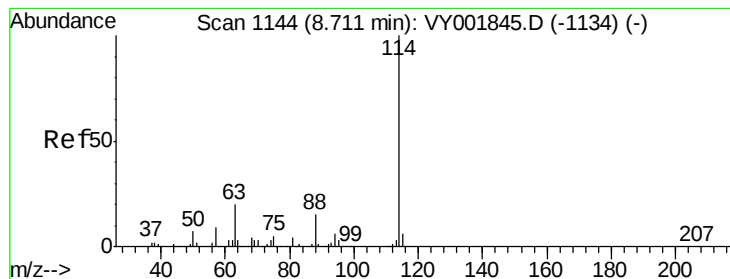
67 55.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-8-9

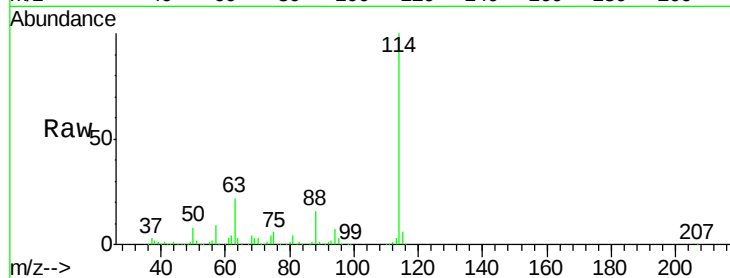
Tgt Ion:114 Resp: 266216

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.4

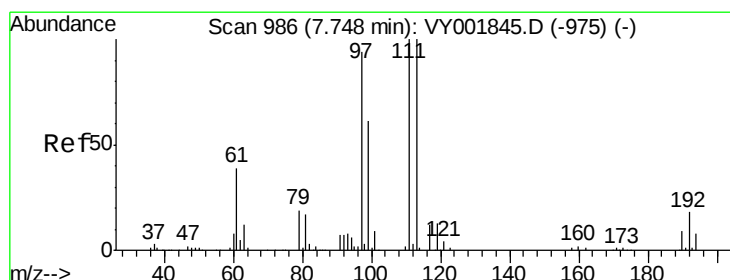
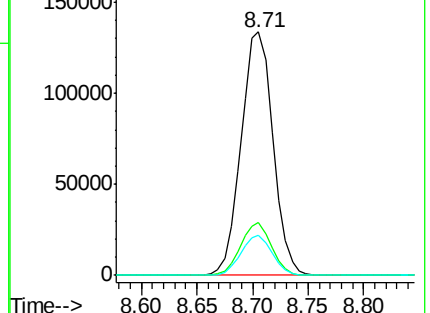
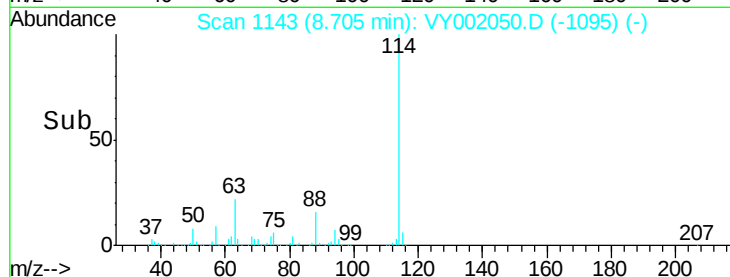
88 16.3 0.0 30.4



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: 53.44 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

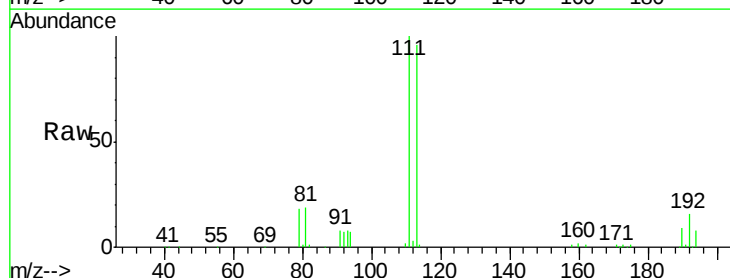
Tgt Ion:113 Resp: 77678

Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

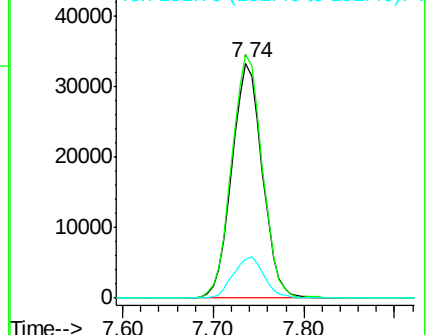
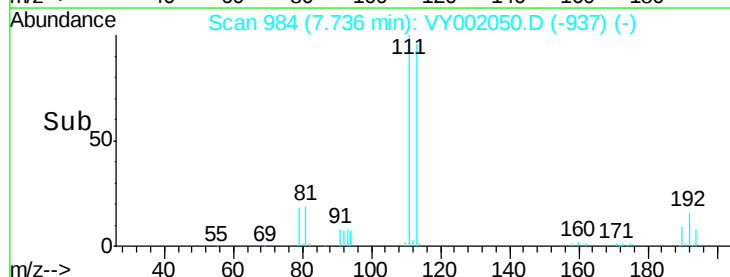
192 17.7 14.2 21.2

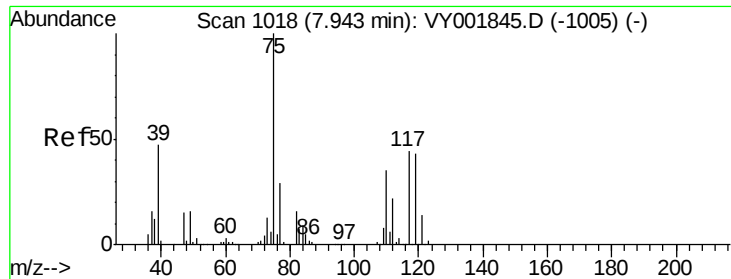


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

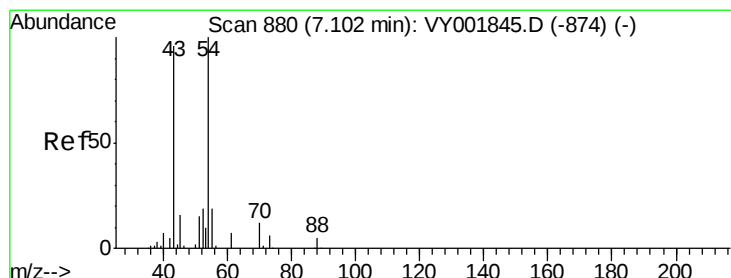
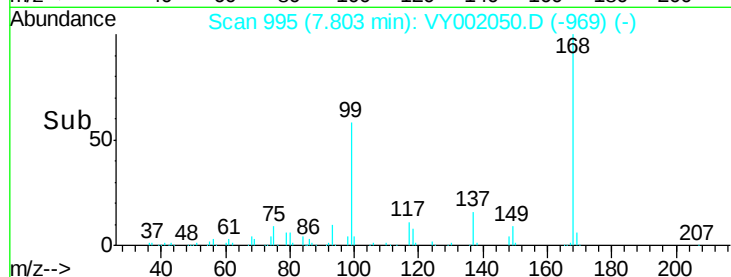
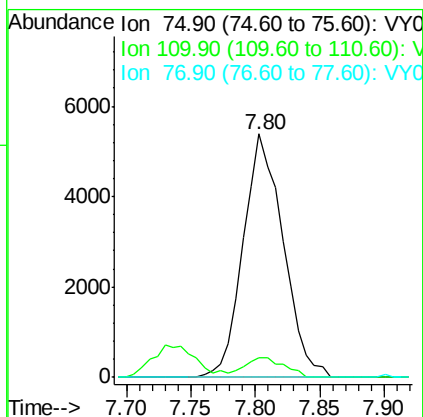
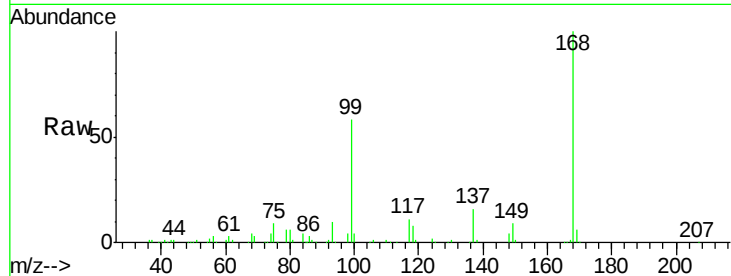




#36
 1,1-Dichloropropene
 Concen: 4.52 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.14 min
 Lab File: VY002050.D
 Acq: 24 Mar 2020 15:03

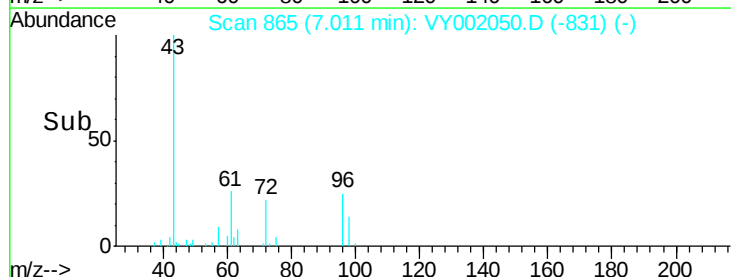
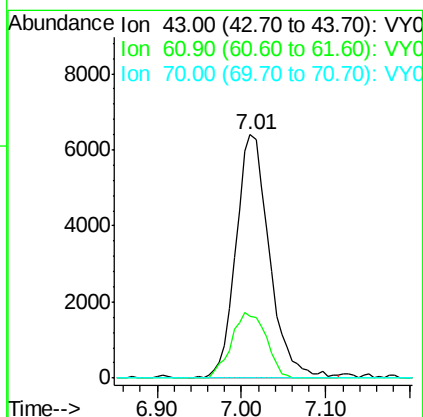
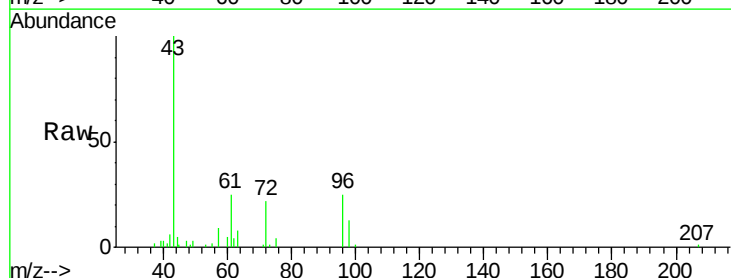
Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-8-9

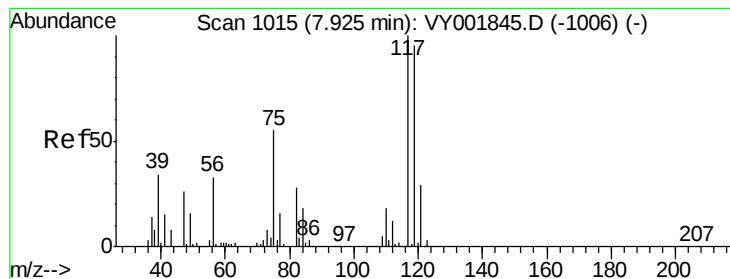
Tgt Ion: 75 Resp: 11570
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.4 52.2#
 77 0.0 24.2 36.2#



#37
 Ethyl Acetate
 Concen: 11.51 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.09 min
 Lab File: VY002050.D
 Acq: 24 Mar 2020 15:03

Tgt Ion: 43 Resp: 17134
 Ion Ratio Lower Upper
 43 100
 61 27.9 11.1 16.7#
 70 0.0 8.2 12.4#





#38

Carbon Tetrachloride

Concen: 6.60 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.12 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-8-9

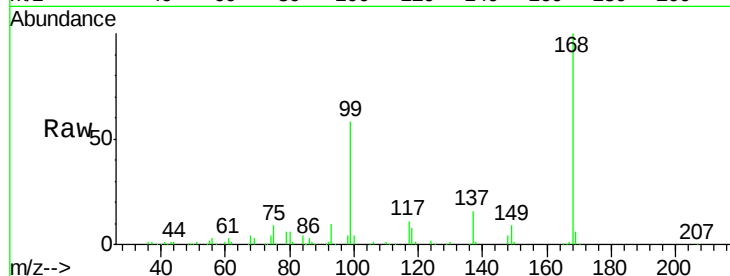
Tgt Ion:117 Resp: 14445

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

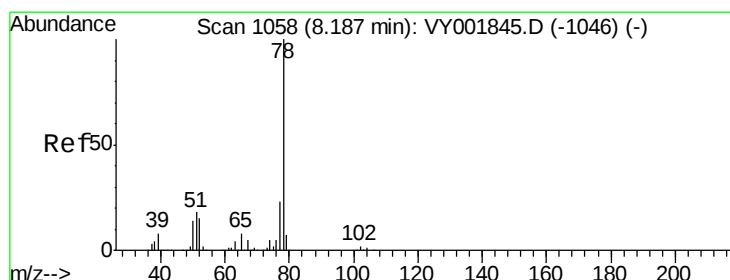
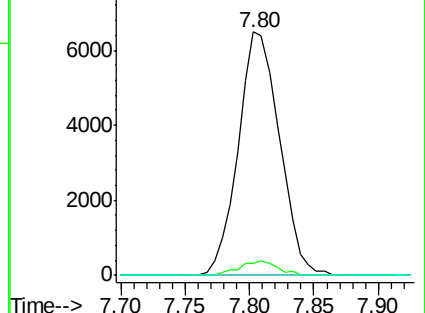
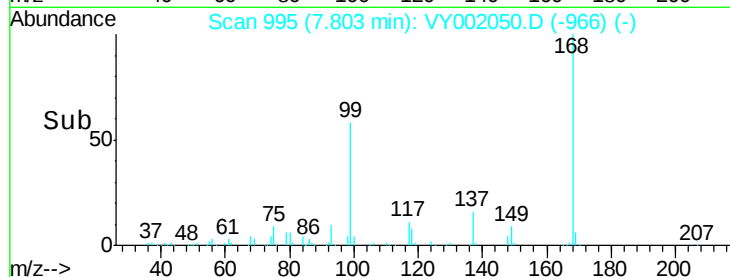
121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 2.52 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VY002050.D

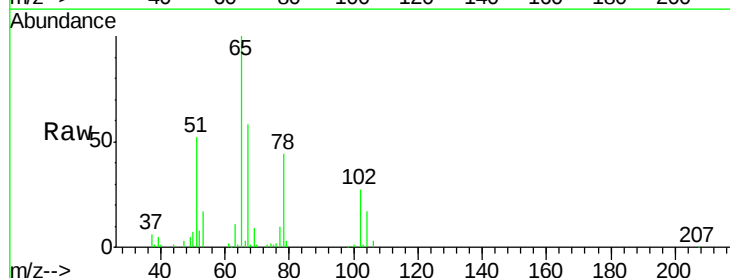
Acq: 24 Mar 2020 15:03

Tgt Ion: 78 Resp: 19124

Ion Ratio Lower Upper

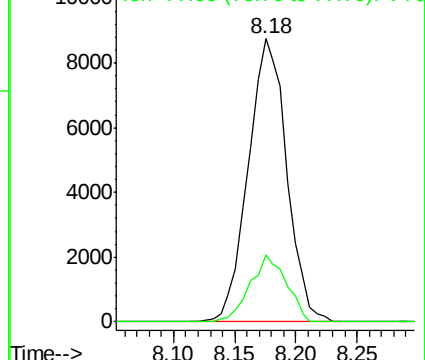
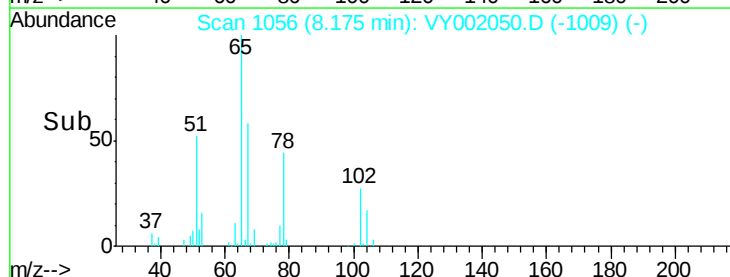
78 100

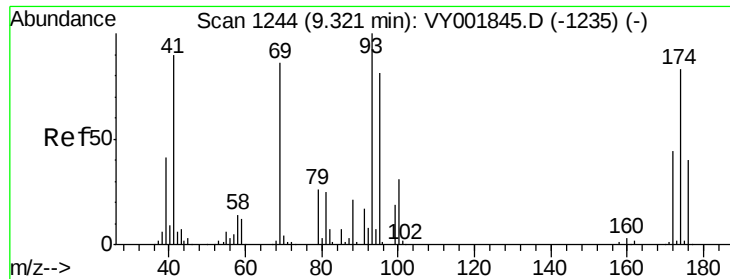
77 23.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

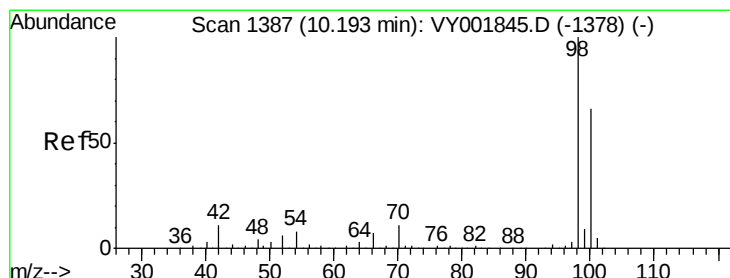
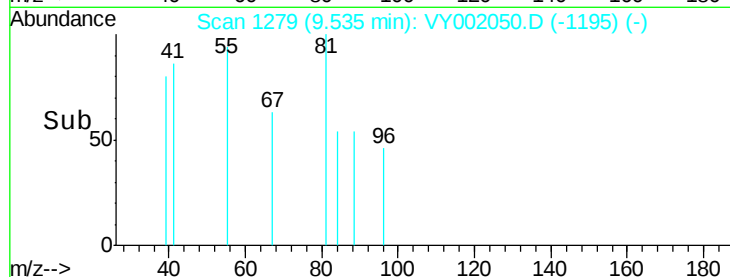
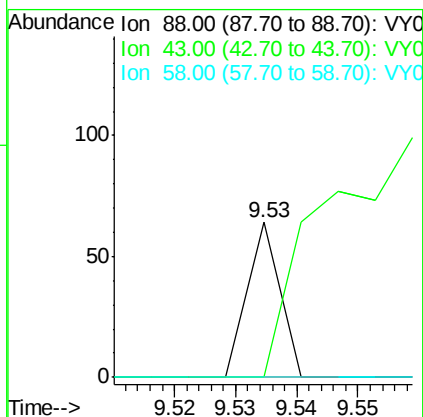
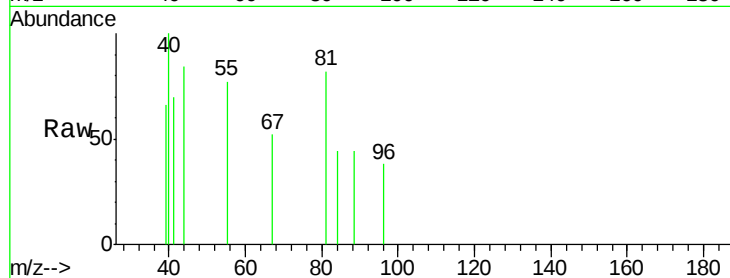




#49
1,4-Dioxane
Concen: 1.71 ug/l
RT: 9.53 min Scan# 1279
Delta R.T. 0.21 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

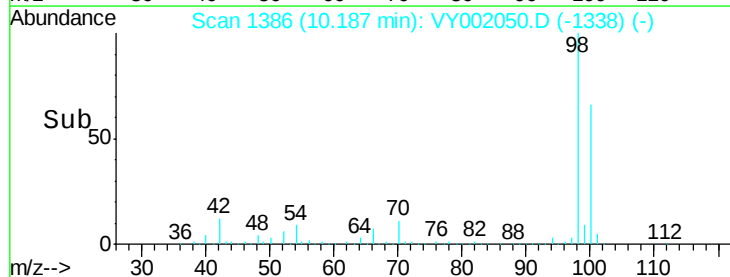
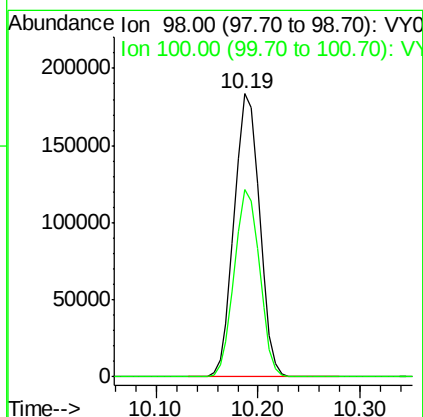
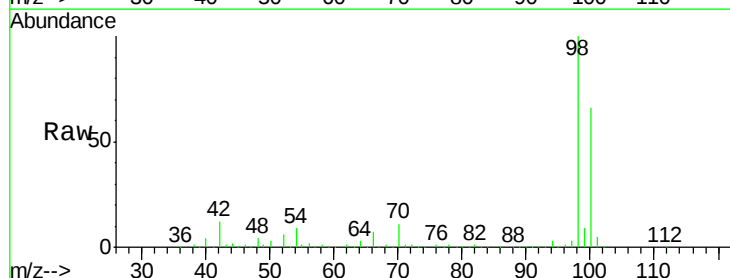
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

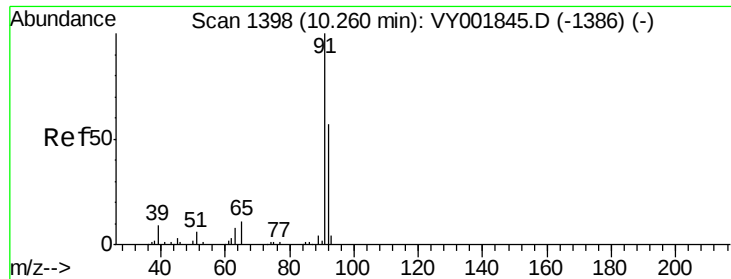
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 25.0 37.6#
58 0.0 58.9 88.3#



#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 98 Resp: 316986
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4





#52

Toluene

Concen: 2.18 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

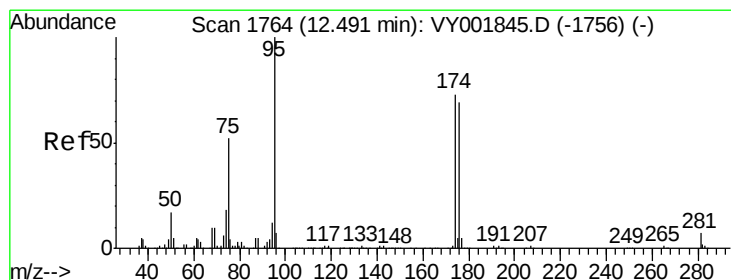
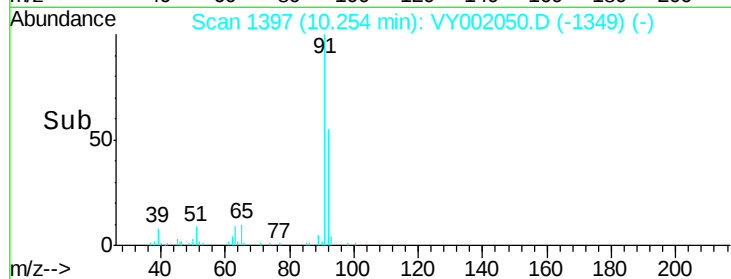
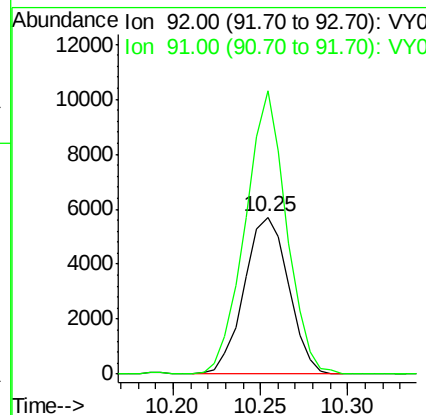
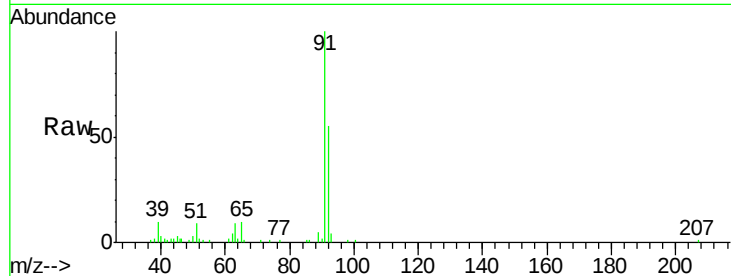
GHD1-SB-03-8-9

Tgt Ion: 92 Resp: 10065

Ion Ratio Lower Upper

92 100

91 167.1 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 45.56 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

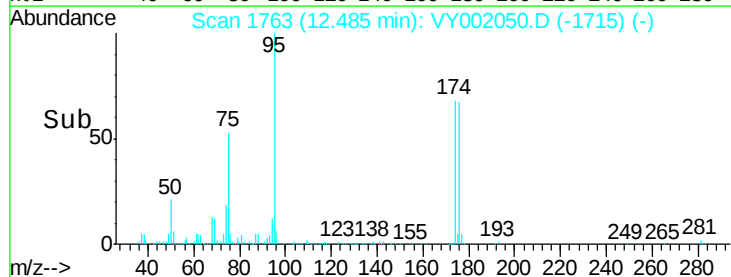
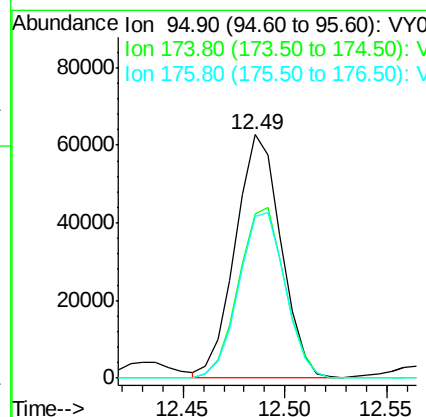
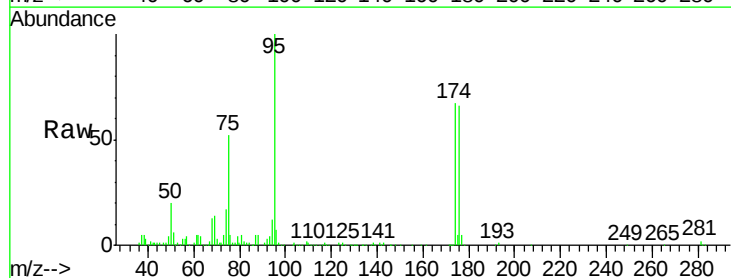
Tgt Ion: 95 Resp: 97105

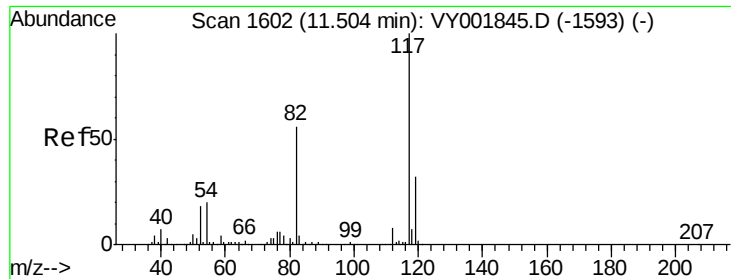
Ion Ratio Lower Upper

95 100

174 71.2 0.0 145.0

176 69.3 0.0 137.4

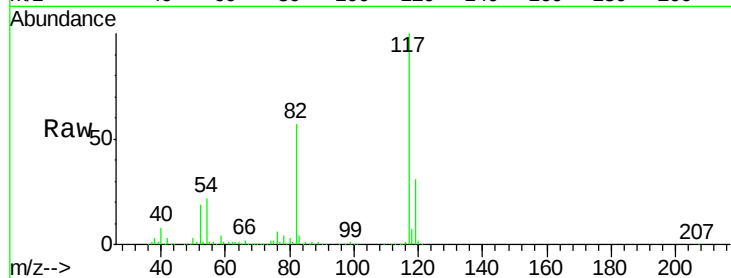




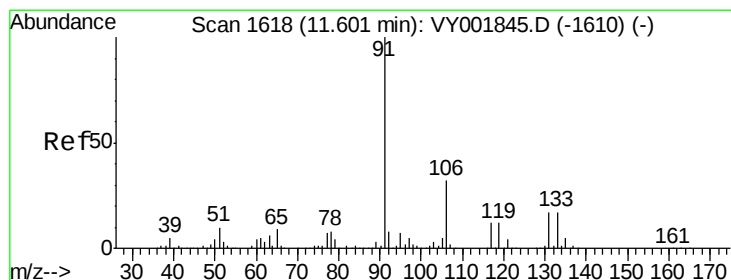
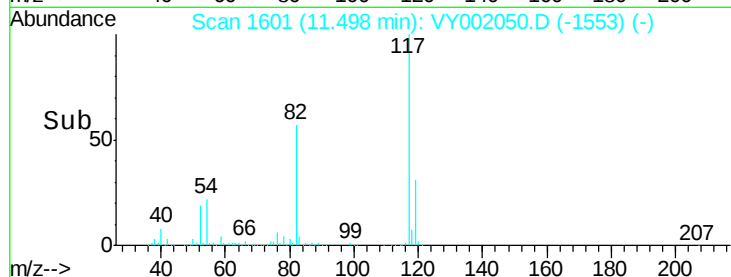
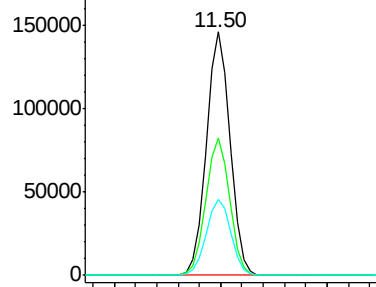
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

Tgt Ion: 117 Resp: 227883
Ion Ratio Lower Upper
117 100
82 56.6 44.5 66.7
119 31.5 25.7 38.5

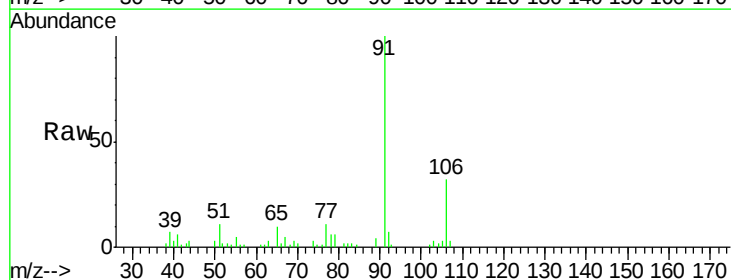


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

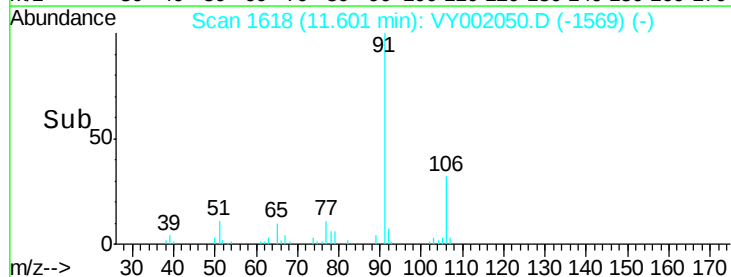
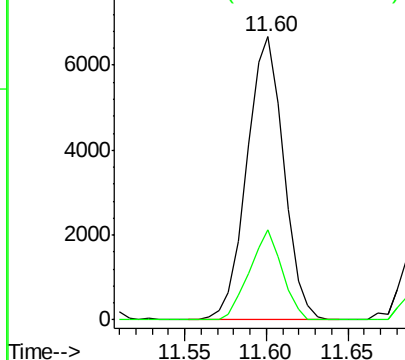


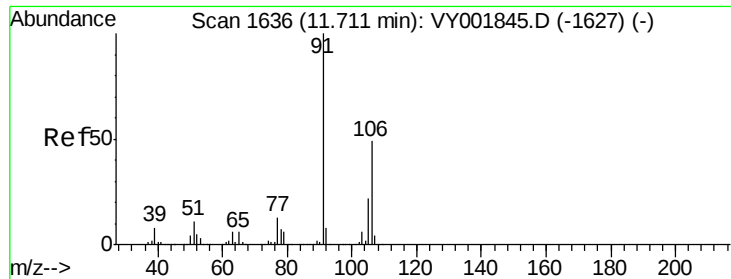
#67
Ethyl Benzene
Concen: 1.24 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion: 91 Resp: 10493
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V

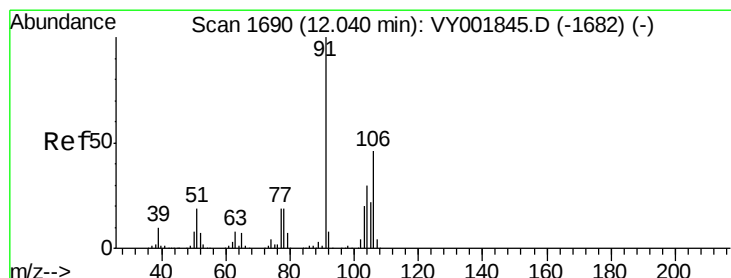
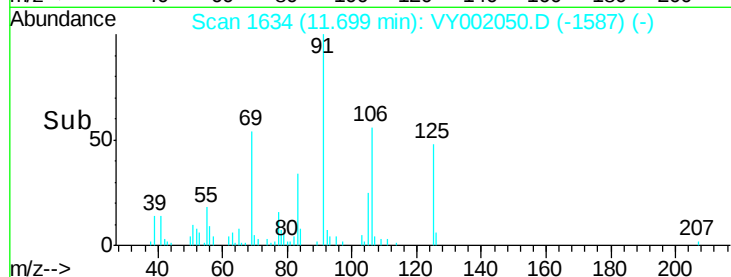
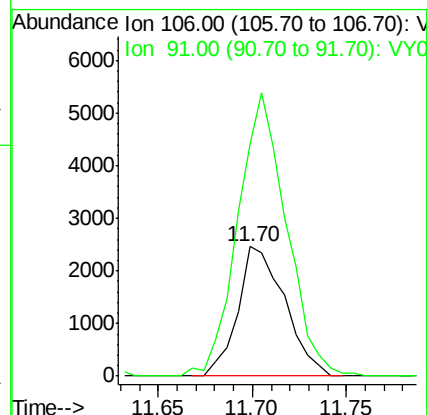
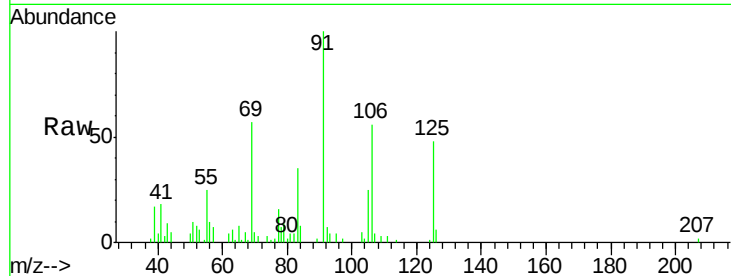




#68
m/p-Xylenes
Concen: 1.36 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

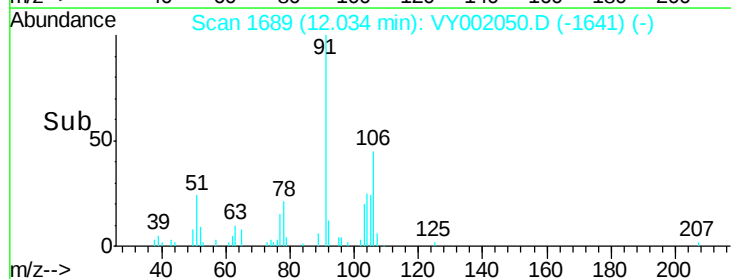
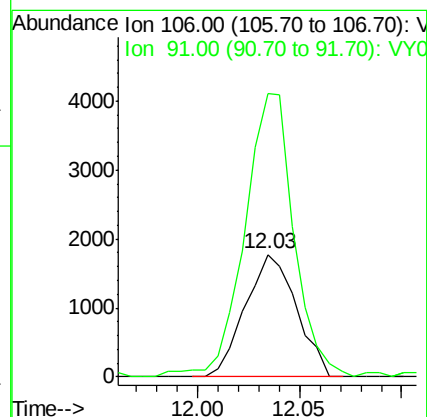
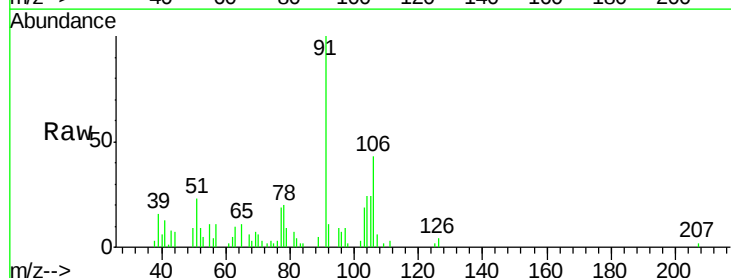
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-03-8-9

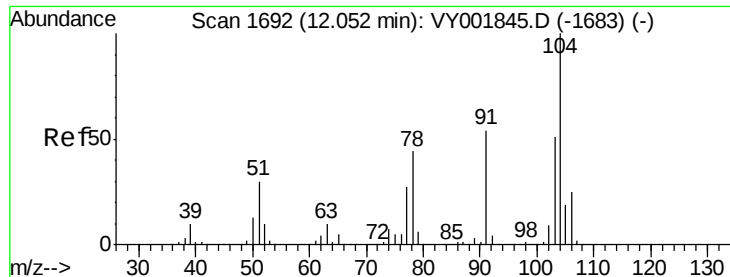
Tgt Ion:106 Resp: 4267
Ion Ratio Lower Upper
106 100
91 225.3 161.3 241.9



#69
o-Xylene
Concen: 1.05 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002050.D
Acq: 24 Mar 2020 15:03

Tgt Ion:106 Resp: 3092
Ion Ratio Lower Upper
106 100
91 222.9 106.8 320.4





#70

Styrene

Concen: 1.16 ug/l

RT: 12.05 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-8-9

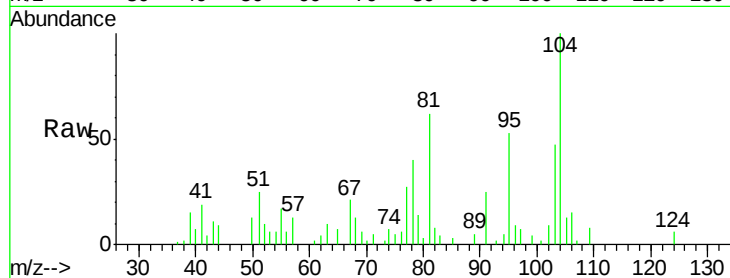
Tgt Ion:104 Resp: 5849

Ion Ratio Lower Upper

104 100

78 52.7 38.5 57.7

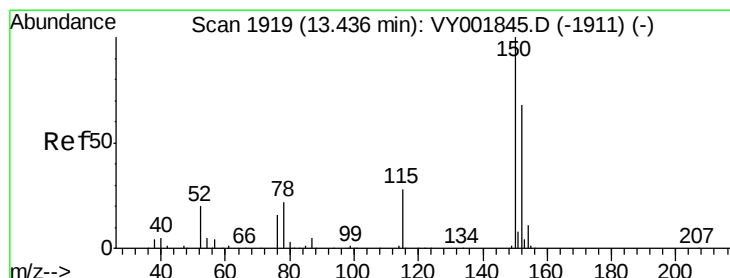
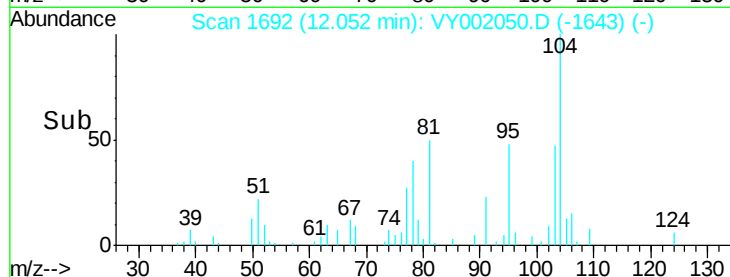
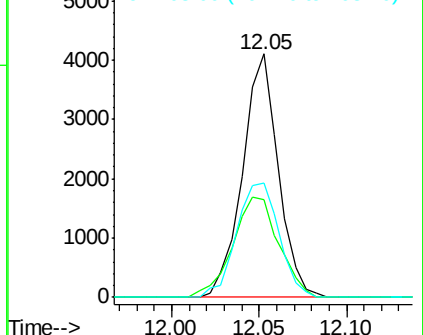
103 55.9 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

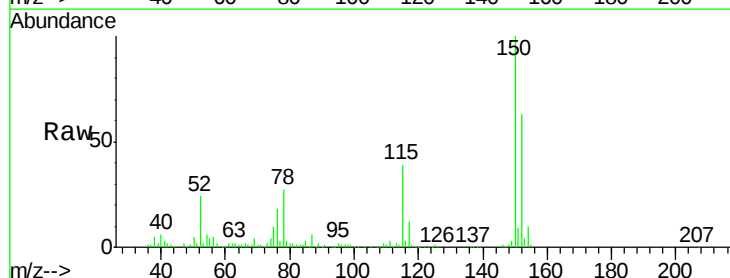
Tgt Ion:152 Resp: 79186

Ion Ratio Lower Upper

152 100

115 61.0 29.9 89.7

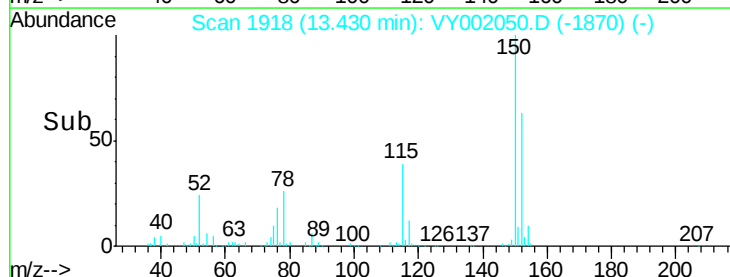
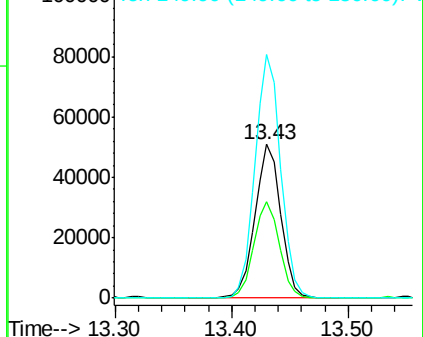
150 156.3 0.0 340.6

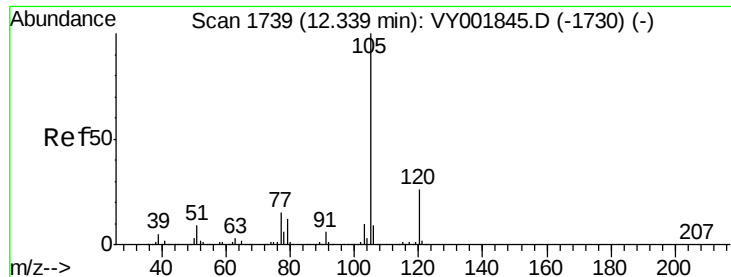


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.05 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

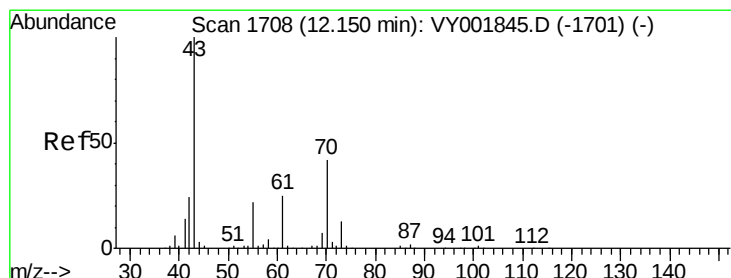
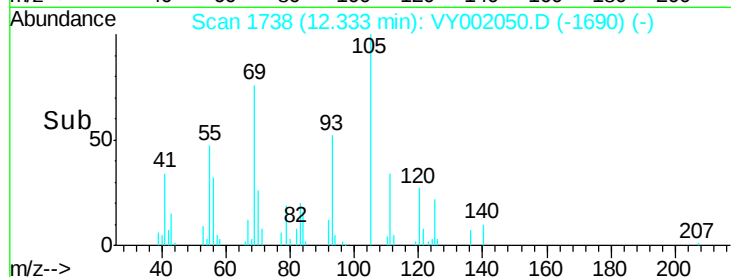
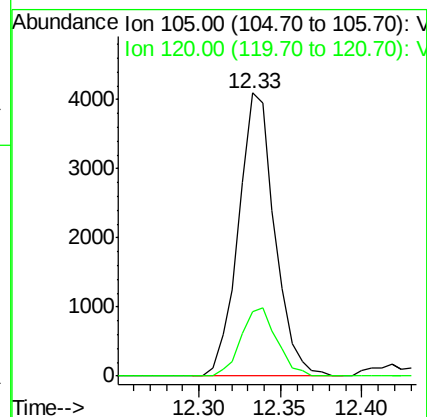
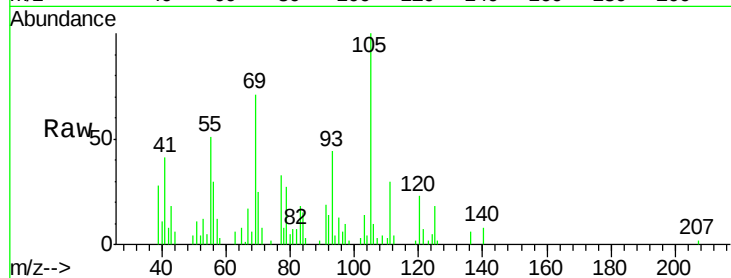
GHD1-SB-03-8-9

Tgt Ion:105 Resp: 6333

Ion Ratio Lower Upper

105 100

120 23.6 13.1 39.3



#74

N-ethyl acetate

Concen: 1.61 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Tgt Ion: 43 Resp: 2988

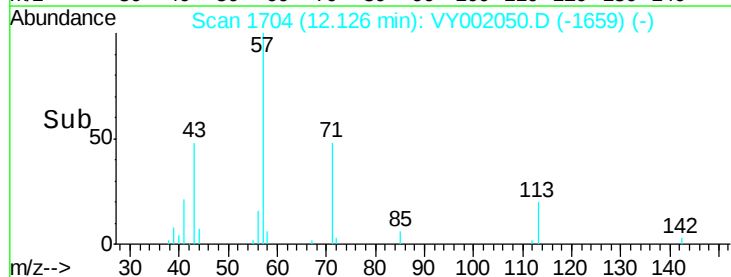
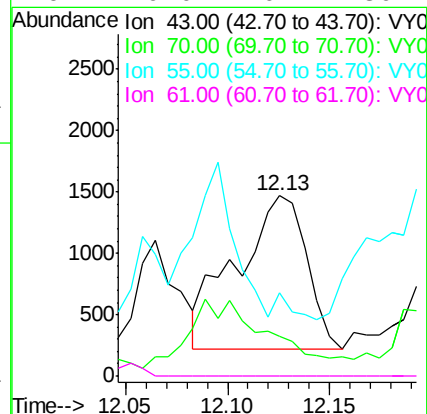
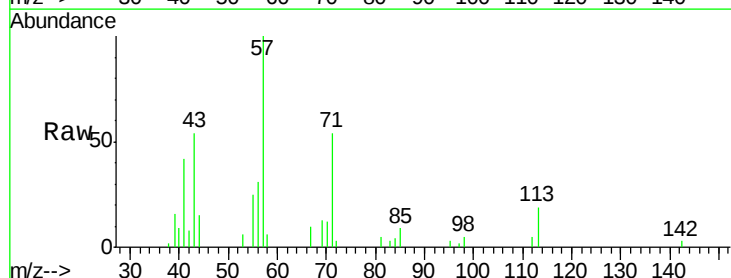
Ion Ratio Lower Upper

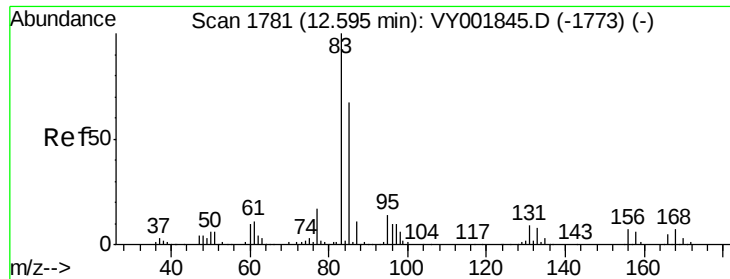
43 100

70 0.0 34.7 52.1#

55 0.0 18.2 27.4#

61 0.0 20.1 30.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.01 ug/l

RT: 12.55 min Scan# 1774

Delta R.T. -0.04 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-8-9

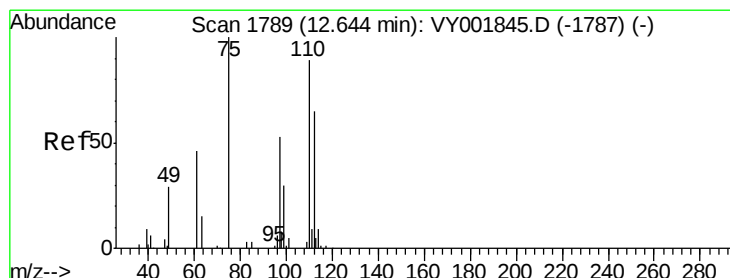
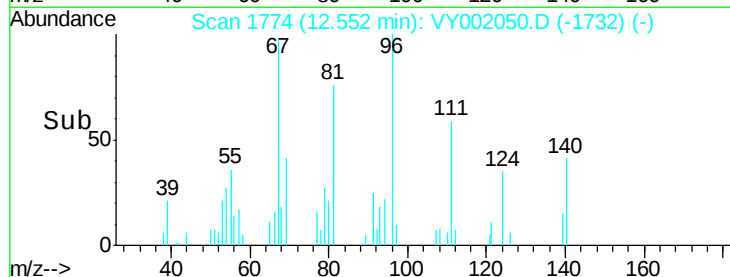
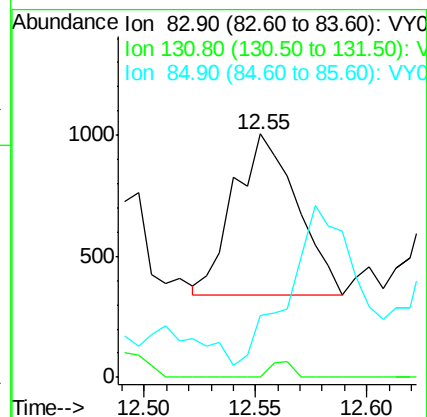
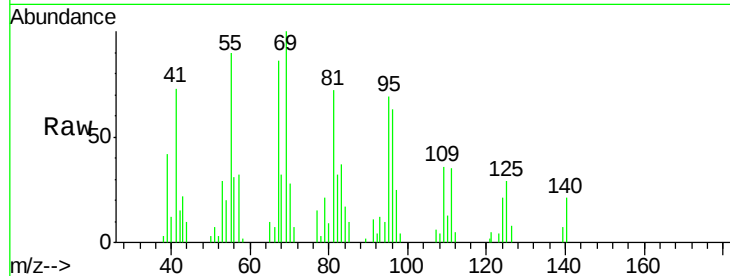
Tgt Ion: 83 Resp: 1317

Ion Ratio Lower Upper

83 100

131 3.5 4.6 13.8#

85 0.0 32.1 96.3#



#76

1,2,3-Trichloropropane

Concen: 52.15 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.16 min

Lab File: VY002050.D

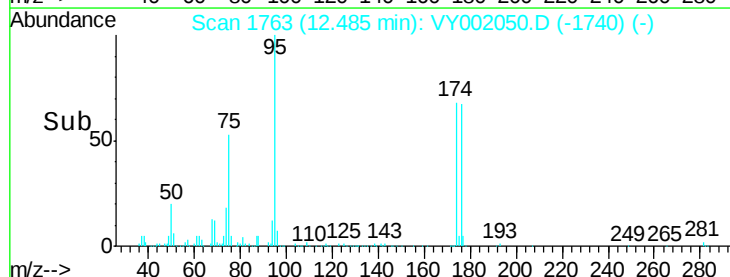
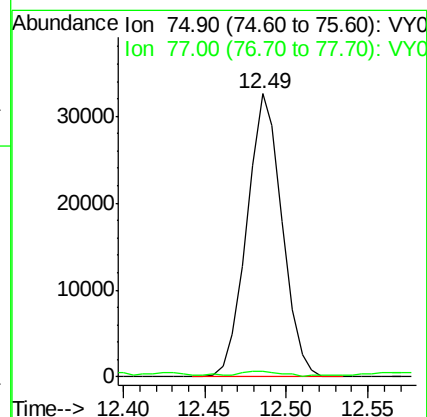
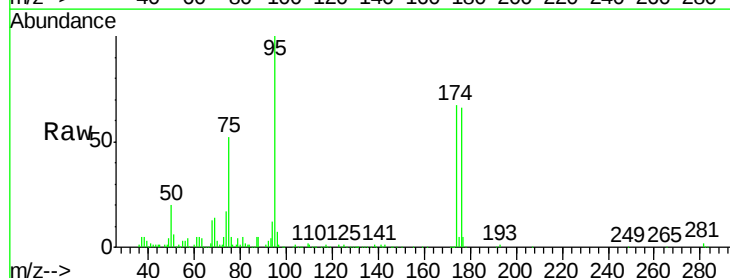
Acq: 24 Mar 2020 15:03

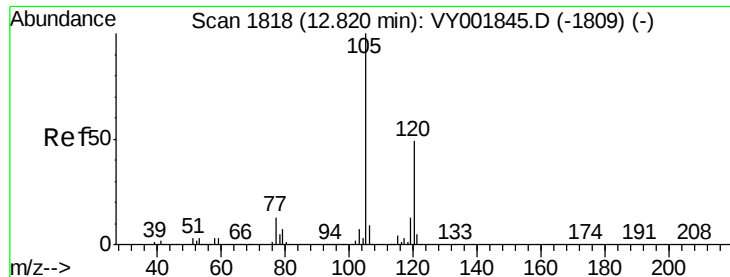
Tgt Ion: 75 Resp: 49004

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

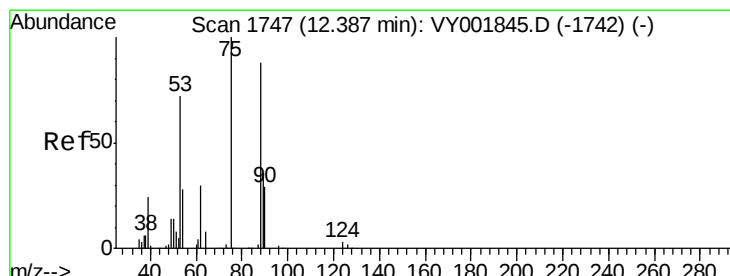
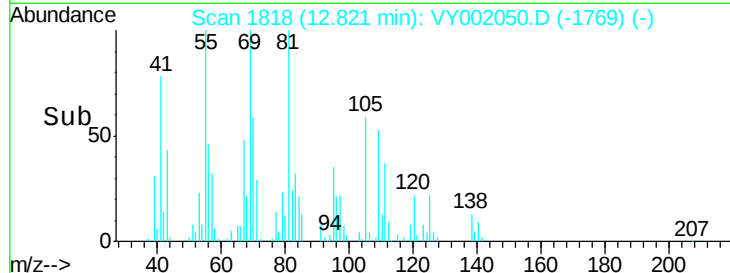
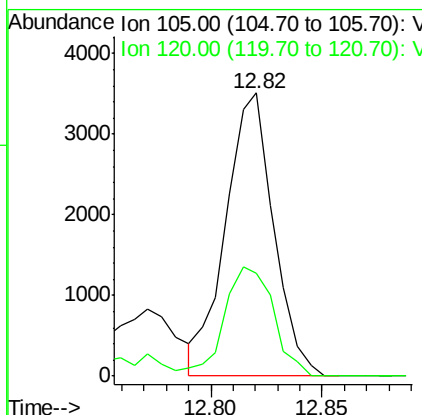
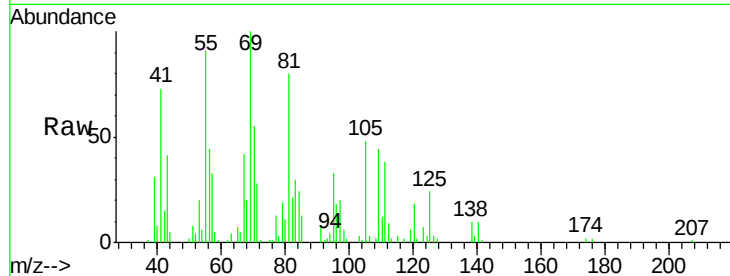




#80
 1,3,5-Trimethylbenzene
 Concen: 1.06 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002050.D
 Acq: 24 Mar 2020 15:03

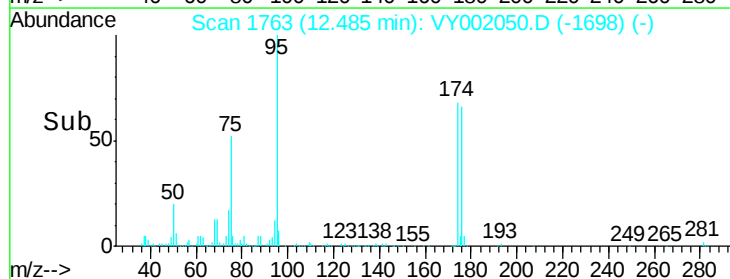
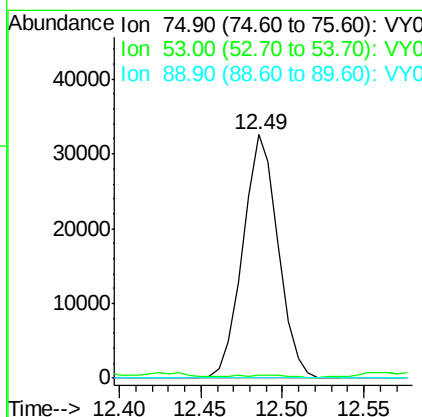
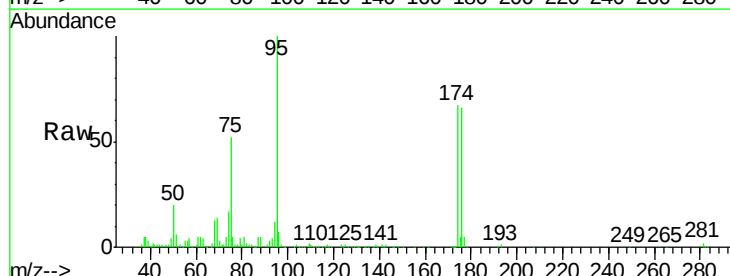
Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-8-9

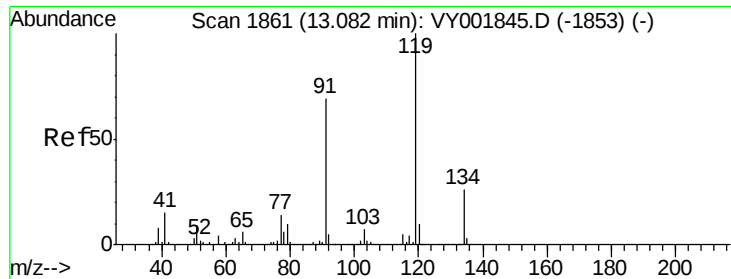
Tgt Ion: 105 Resp: 5258
 Ion Ratio Lower Upper
 105 100
 120 39.6 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.35 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002050.D
 Acq: 24 Mar 2020 15:03

Tgt Ion: 75 Resp: 49004
 Ion Ratio Lower Upper
 75 100
 53 1.0 65.4 98.0#
 89 0.1 36.0 54.0#

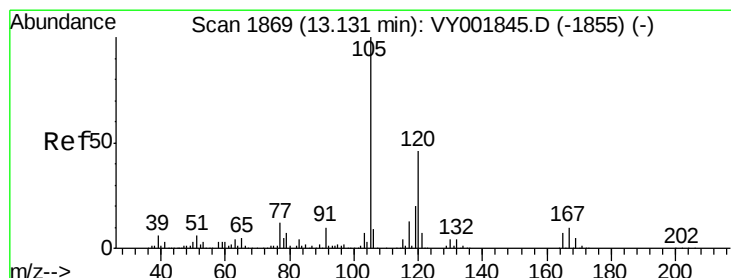
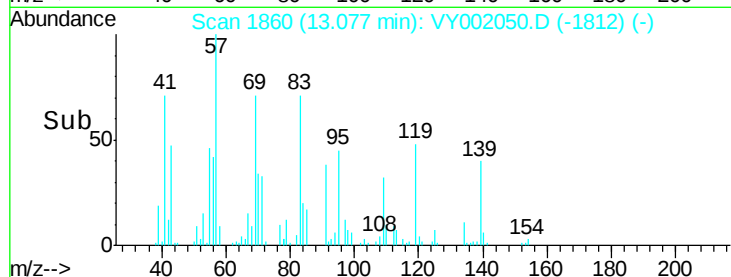
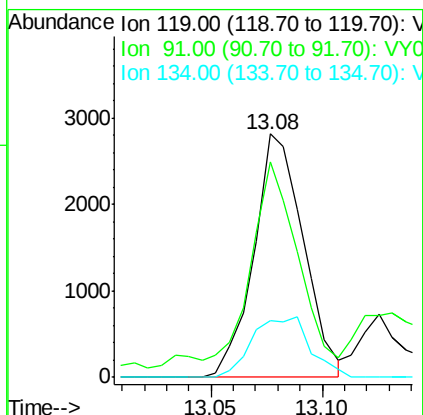
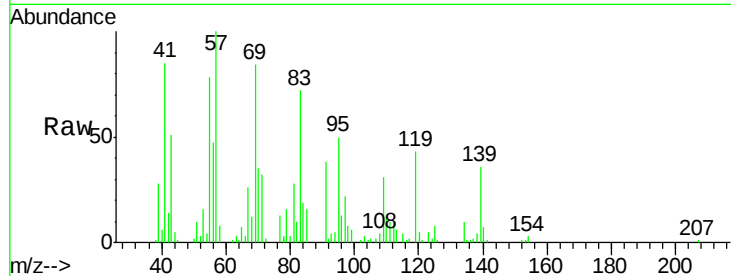




#83
 tert-Butylbenzene
 Concen: 1.06 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VY002050.D
 Acq: 24 Mar 2020 15:03

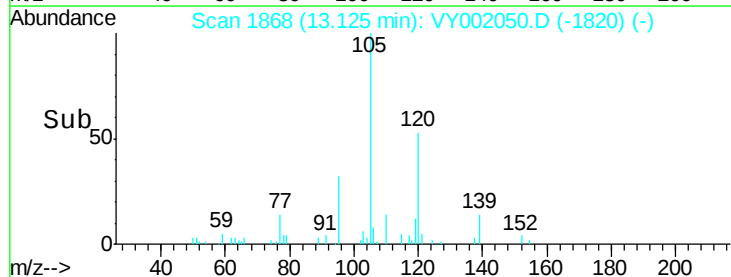
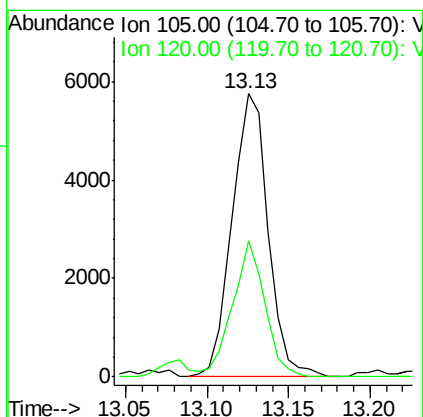
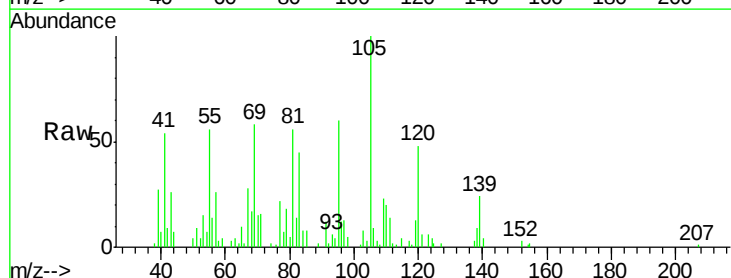
Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-03-8-9

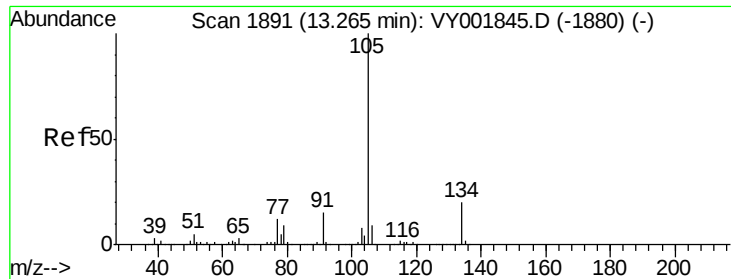
Tgt Ion:119 Resp: 4368
 Ion Ratio Lower Upper
 119 100
 91 82.8 34.0 101.8
 134 28.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 1.80 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002050.D
 Acq: 24 Mar 2020 15:03

Tgt Ion:105 Resp: 8871
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 1.38 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

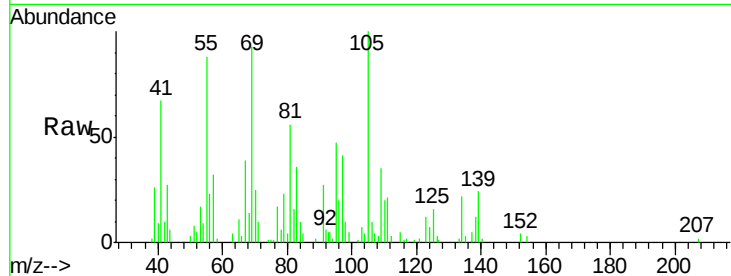
GHD1-SB-03-8-9

Tgt Ion:105 Resp: 8390

Ion Ratio Lower Upper

105 100

134 45.8 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

6000

5000

4000

3000

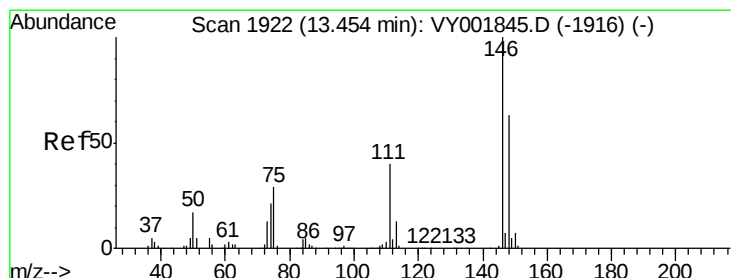
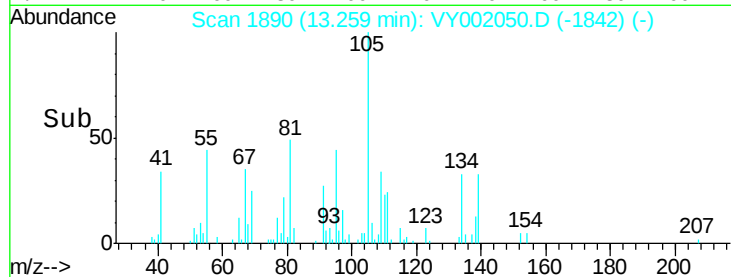
2000

1000

0

13.20 13.25 13.30

Time-->



#88

1,4-Dichlorobenzene

Concen: 3.33 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

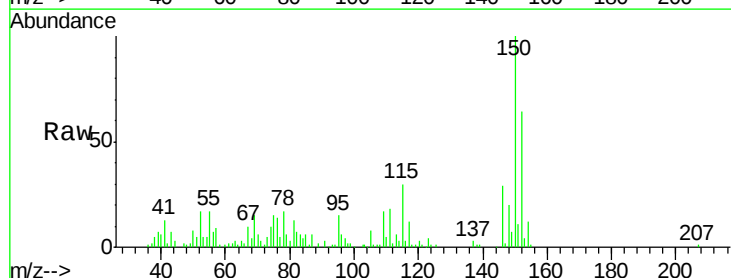
Tgt Ion:146 Resp: 8490

Ion Ratio Lower Upper

146 100

111 81.7 20.0 60.0#

148 72.1 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

13.45

6000

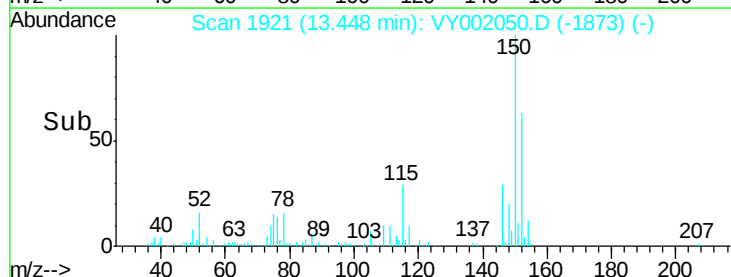
4000

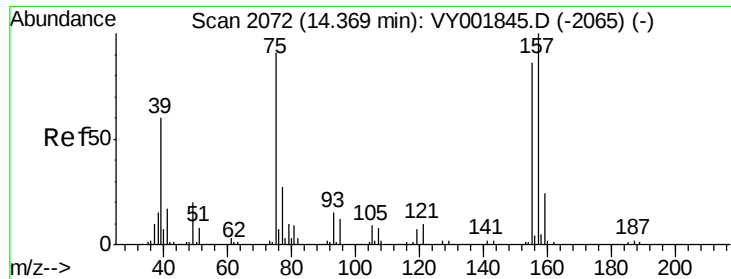
2000

0

13.40 13.45 13.50

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.55 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-03-8-9

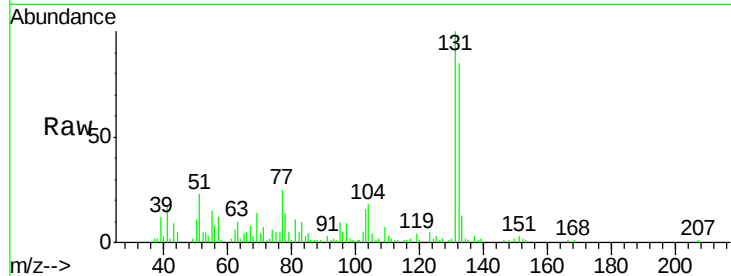
Tgt Ion: 75 Resp: 925

Ion Ratio Lower Upper

75 100

155 0.0 42.9 128.7#

157 0.0 53.1 159.4#



Abundance Ion 74.90 (74.60 to 75.60): VY001845.D (-2065) (-)

Ion 154.80 (154.50 to 155.50): VY001845.D (-2065) (-)

Ion 156.80 (156.50 to 157.50): VY001845.D (-2065) (-)

14.37

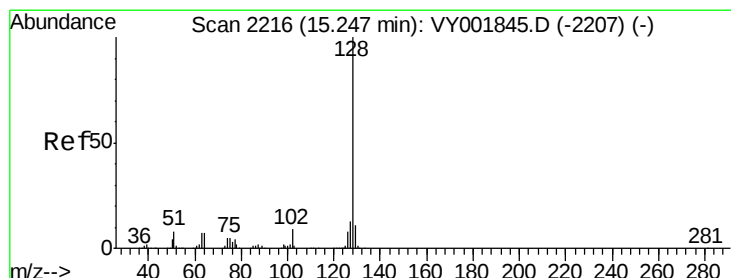
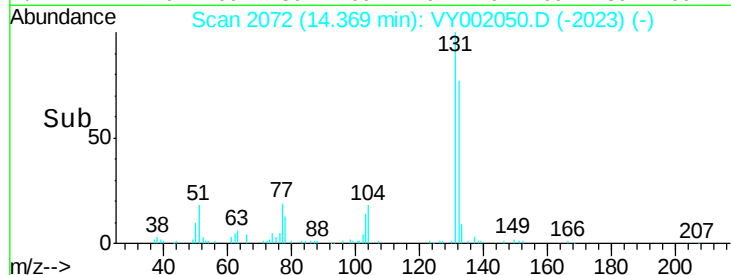
400

200

0

14.30 14.35 14.40

Time-->



#95

Naphthalene

Concen: 92.37 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002050.D

Acq: 24 Mar 2020 15:03

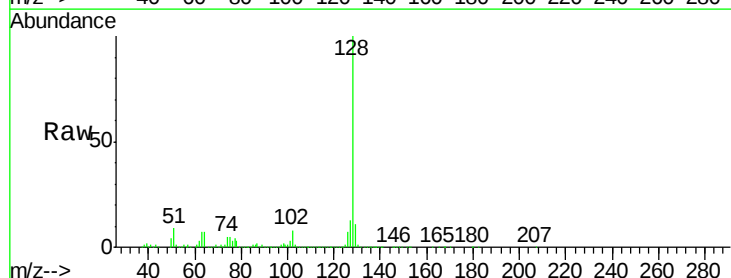
Tgt Ion: 128 Resp: 323971

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VY001845.D (-2207) (-)

Ion 127.00 (126.70 to 127.70): VY001845.D (-2207) (-)

Ion 129.00 (128.70 to 129.70): VY001845.D (-2207) (-)

15.24

250000

200000

150000

100000

50000

0

15.20 15.30

Time-->

