

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
 Data File : VY002055.D
 Acq On : 24 Mar 2020 16:55
 Operator : SY/MD
 Sample : L2013-02RE
 Misc : 4.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-01-8-9RE

Quant Time: Mar 24 18:58:13 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	126321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	253794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	205633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	60906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	83711	62.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.14%	
35) Dibromofluoromethane	7.74	113	75272	54.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.19	98	296281	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.49	95	80642	39.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.38%	

Target Compounds				Qvalue		
5) Bromomethane	2.79	94	22	Below Cal	#	4
11) Tert butyl alcohol	4.99	59	116	Below Cal	#	74
16) Acetone	3.97	43	34292	87.31	ug/l	100
17) Carbon Disulfide	4.22	76	35630	7.55	ug/l	98
20) Methylene Chloride	4.75	84	5421	3.22	ug/l	94
25) 2-Butanone	7.01	43	10613	17.77	ug/l	# 84
31) Cyclohexane	7.80	56	5732	1.93	ug/l	# 29
36) 1,1-Dichloropropene	7.81	75	11122	4.55	ug/l	# 50
37) Ethyl Acetate	7.01	43	10613	7.48	ug/l	# 81
38) Carbon Tetrachloride	7.81	117	13454	6.45	ug/l	# 17
39) Methylcyclohexane	9.19	83	7968	2.46	ug/l	97
40) Benzene	8.18	78	11326	1.56	ug/l	97
52) Toluene	10.25	92	26493	6.02	ug/l	100
55) 1,1,2-Trichloroethane	10.63	97	3741	2.73	ug/l	# 18
59) 2-Hexanone	10.81	43	6907	6.99	ug/l	# 23
65) Chlorobenzene	11.52	112	10585	2.58	ug/l	92
67) Ethyl Benzene	11.60	91	20657	2.70	ug/l	98
68) m/p-Xylenes	11.70	106	49372	17.48	ug/l	99
69) o-Xylene	12.03	106	18655	7.01	ug/l	97
73) Isopropylbenzene	12.33	105	30772	6.62	ug/l	99
74) N-amyl acetate	12.13	43	4433	3.10	ug/l	# 42
76) 1,2,3-Trichloropropane	12.49	75	40496	56.04	ug/l	# 100
78) n-propylbenzene	12.67	91	30960	5.40	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	23712	6.20	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.49	75	40496	113.19	ug/l	# 17
82) 4-Chlorotoluene	12.82	91	3407	1.03	ug/l	# 42
84) 1,2,4-Trimethylbenzene	13.13	105	61437	16.17	ug/l	99
85) sec-Butylbenzene	13.25	105	7559	1.61	ug/l	# 70
86) p-Isopropyltoluene	13.38	119	7742	1.92	ug/l	99
87) 1,3-Dichlorobenzene	13.45	146	30504	15.80	ug/l	95
88) 1,4-Dichlorobenzene	13.45	146	30504	15.58	ug/l	94
89) n-Butylbenzene	13.70	91	5765	1.37	ug/l	# 72
90) Hexachloroethane	13.98	117	1255	1.65	ug/l	# 18
91) 1,2-Dichlorobenzene	13.74	146	8030	4.58	ug/l	92

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Quant Title : SW846 8260
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Response via : Initial Calibration

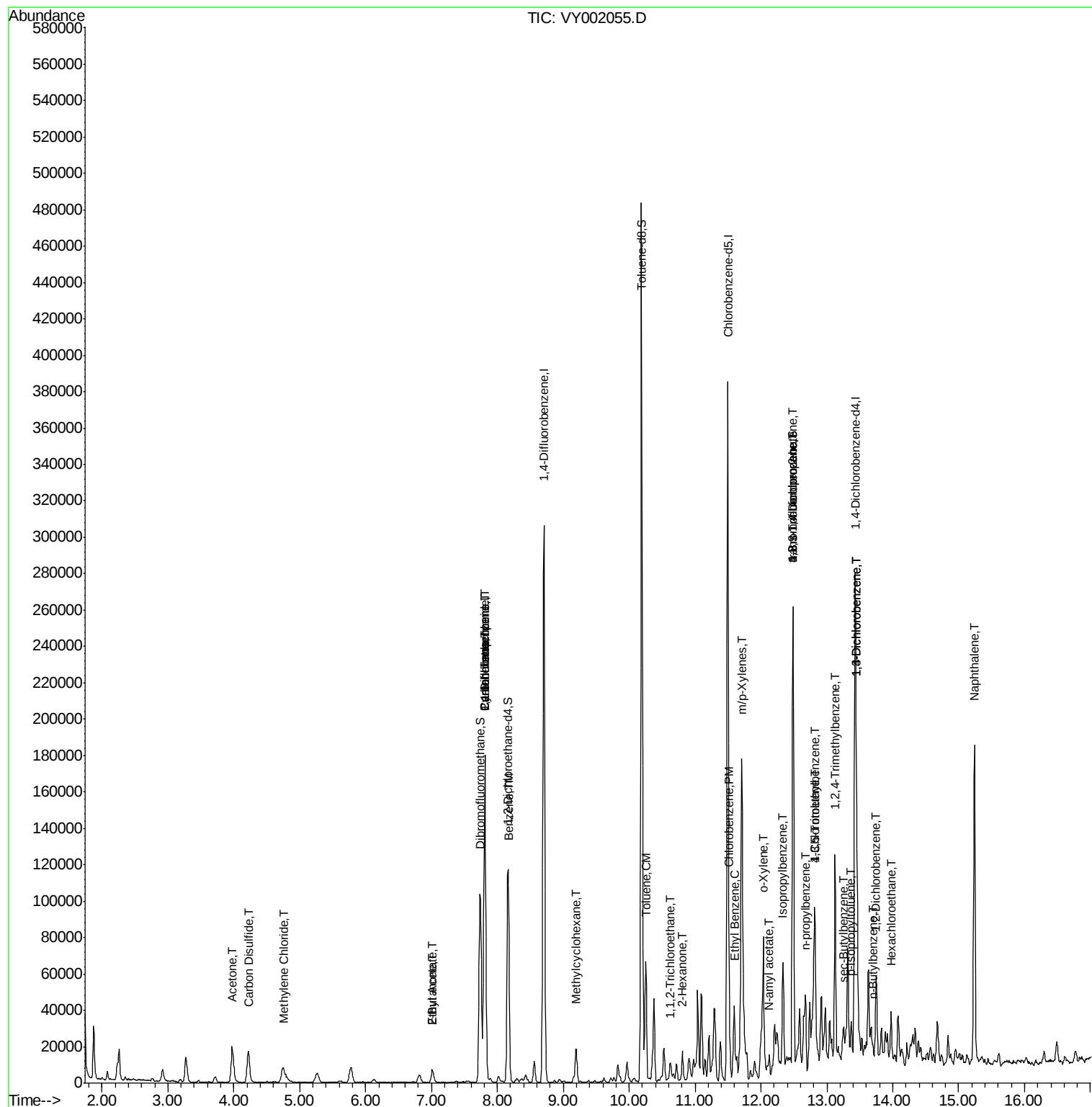
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.24	128	136814	50.72	ug/l	99

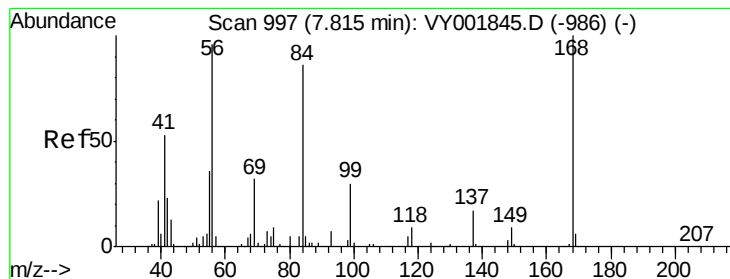
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

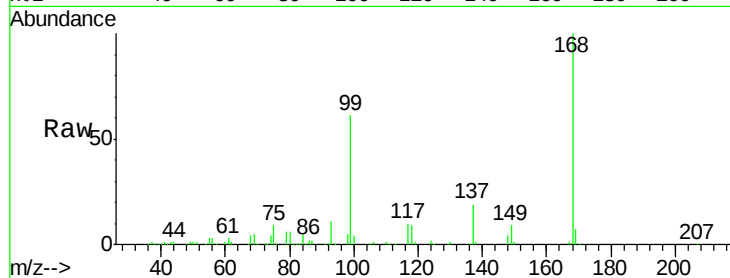
GHD1-SB-01-8-9RE

Tgt Ion: 168 Resp: 126321

Ion Ratio Lower Upper

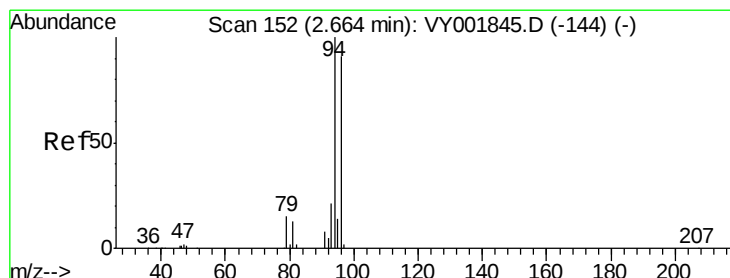
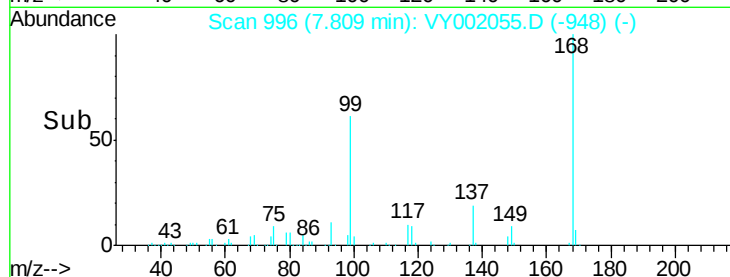
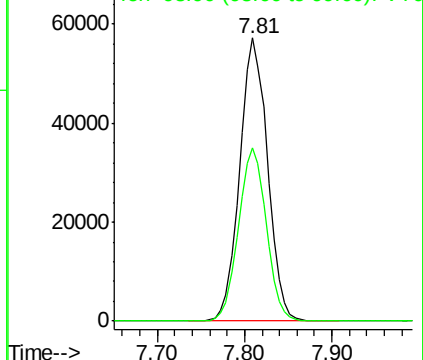
168 100

99 61.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 172

Delta R.T. 0.12 min

Lab File: VY002055.D

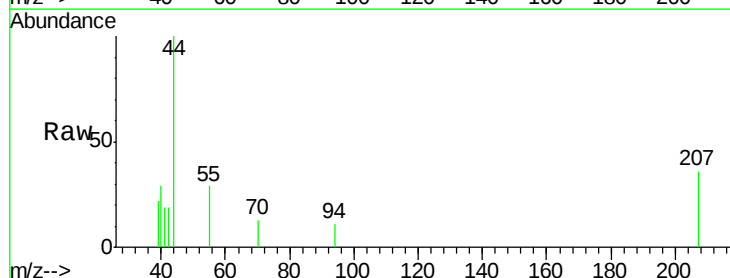
Acq: 24 Mar 2020 16:55

Tgt Ion: 94 Resp: 22

Ion Ratio Lower Upper

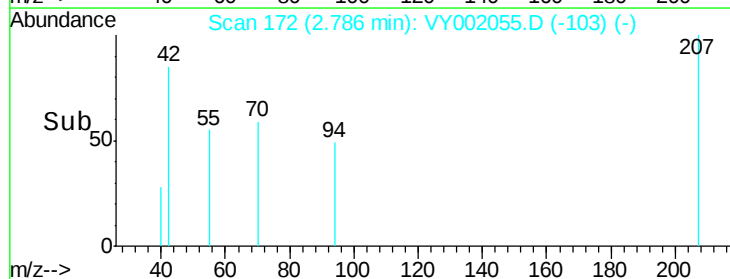
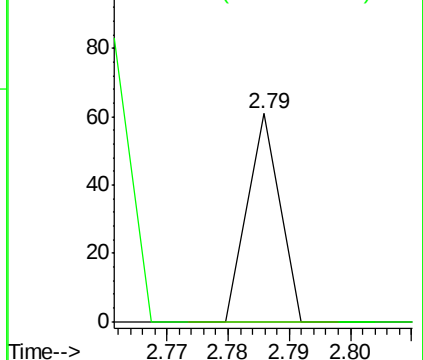
94 100

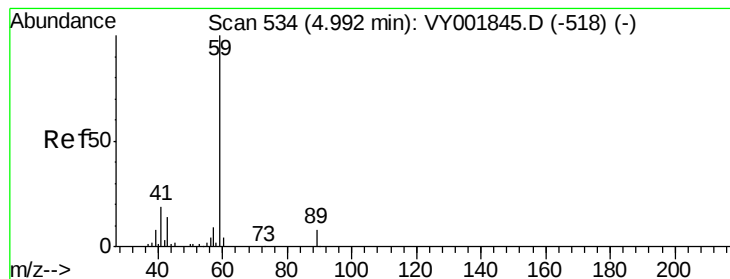
96 0.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



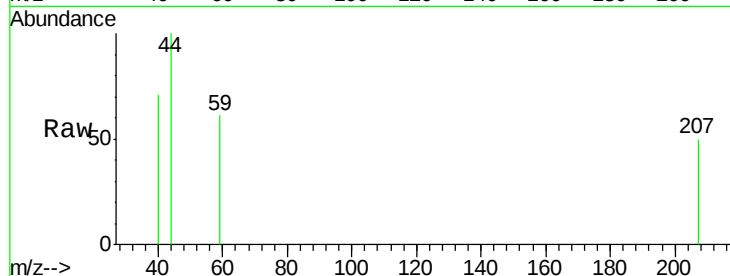


#11

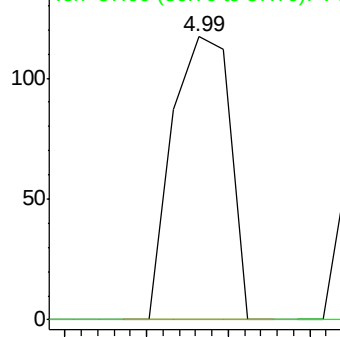
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY002055.D
 Acq: 24 Mar 2020 16:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-01-8-9RE

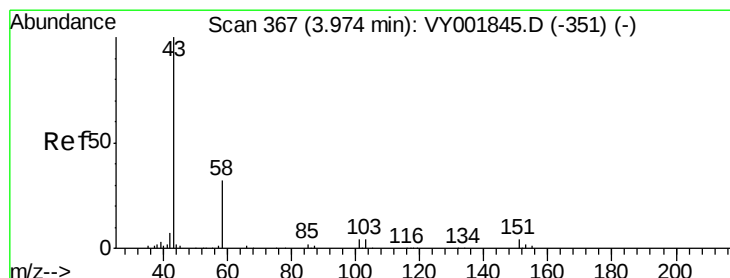
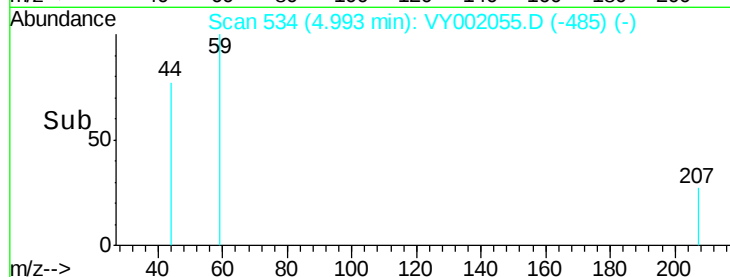
Tgt Ion: 59 Resp: 116
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



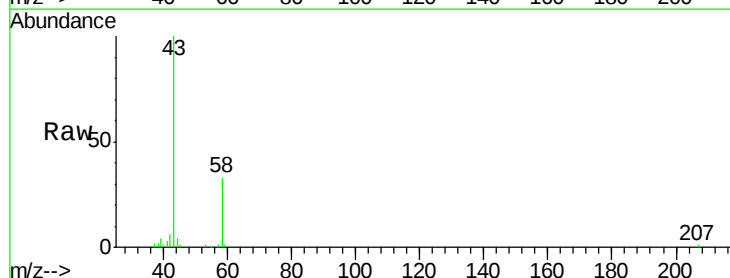
Time--> 4.96 4.98 5.00 5.02



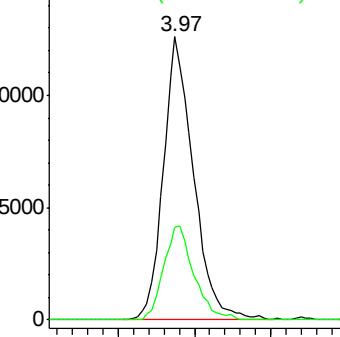
#16

Acetone
 Concen: 87.31 ug/l
 RT: 3.97 min Scan# 367
 Delta R.T. 0.00 min
 Lab File: VY002055.D
 Acq: 24 Mar 2020 16:55

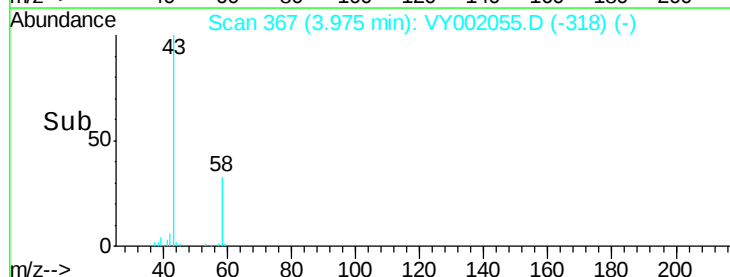
Tgt Ion: 43 Resp: 34292
 Ion Ratio Lower Upper
 43 100
 58 32.6 25.9 38.9

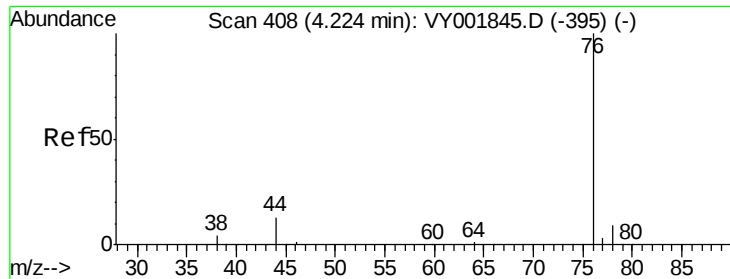


Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0



Time--> 3.90 4.00 4.10





#17

Carbon Disulfide

Concen: 7.55 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.00 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

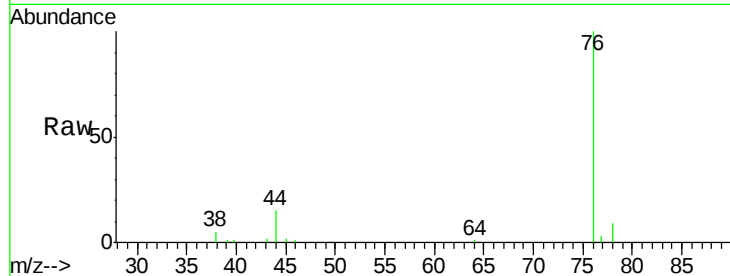
GHD1-SB-01-8-9RE

Tgt Ion: 76 Resp: 35630

Ion Ratio Lower Upper

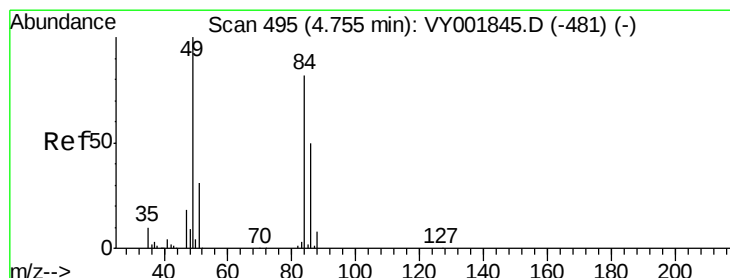
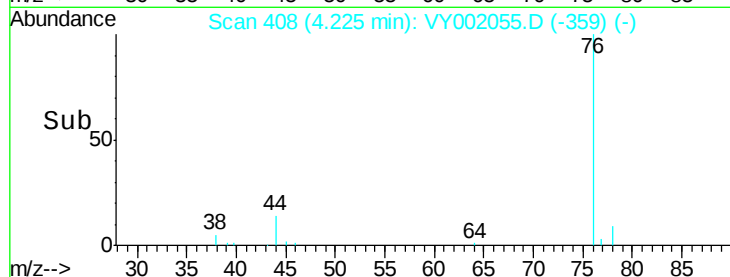
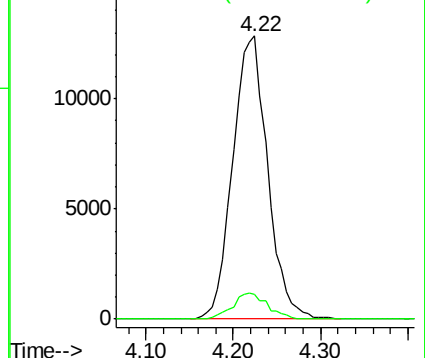
76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#20

Methylene Chloride

Concen: 3.22 ug/l

RT: 4.75 min Scan# 494

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Tgt Ion: 84 Resp: 5421

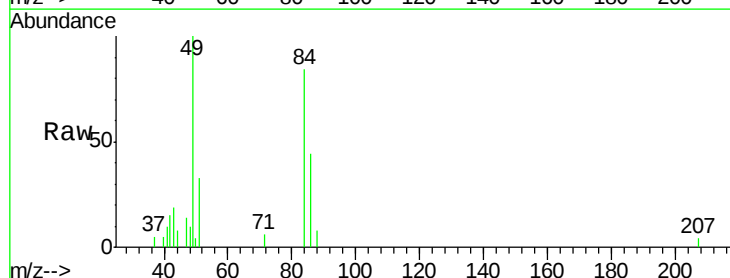
Ion Ratio Lower Upper

84 100

49 118.4 98.2 147.2

51 38.9 30.2 45.2

86 52.4 48.9 73.3

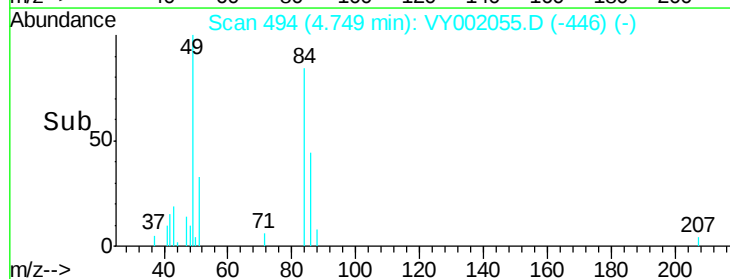
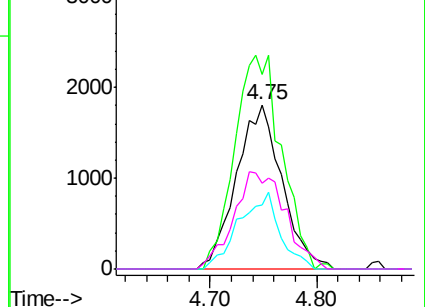


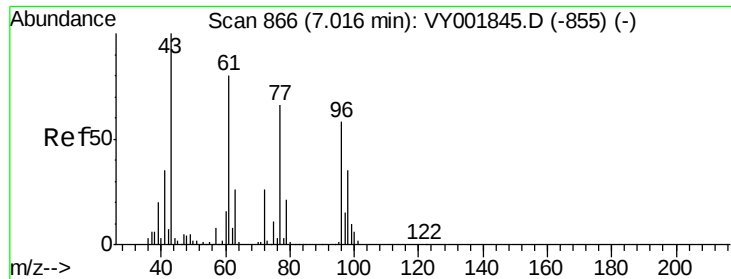
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

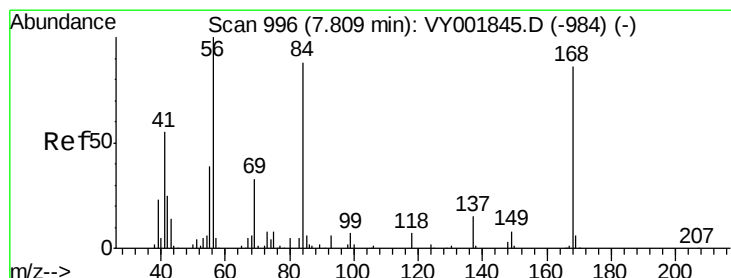
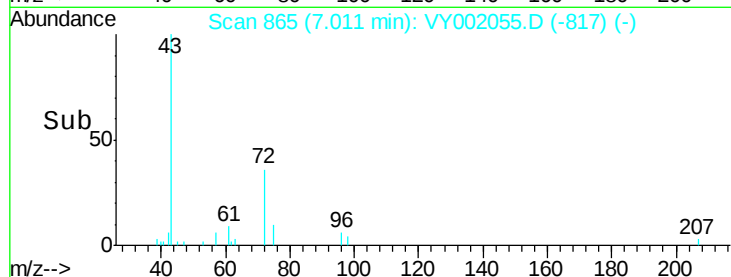
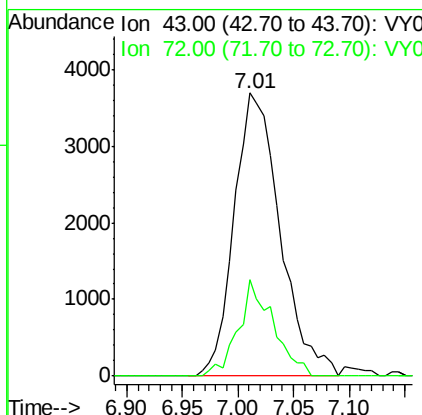
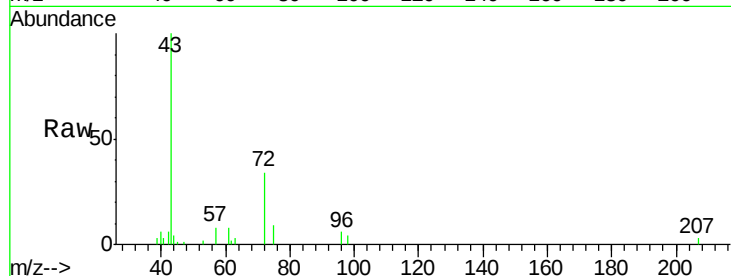




#25
2-Butanone
Concen: 17.77 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

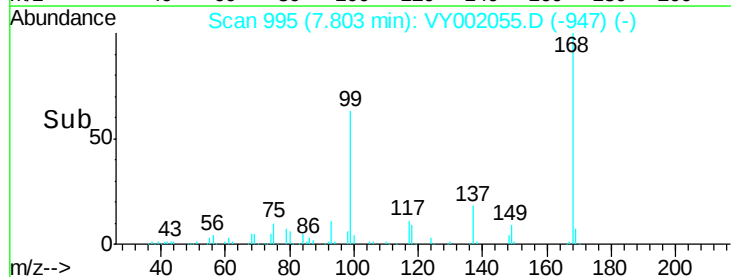
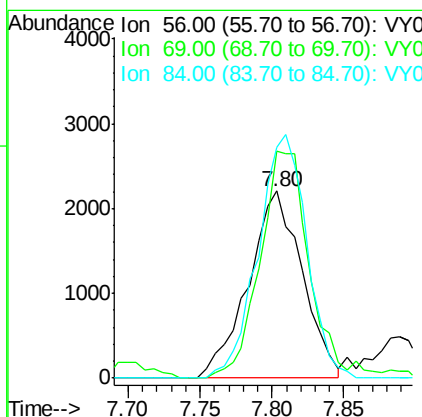
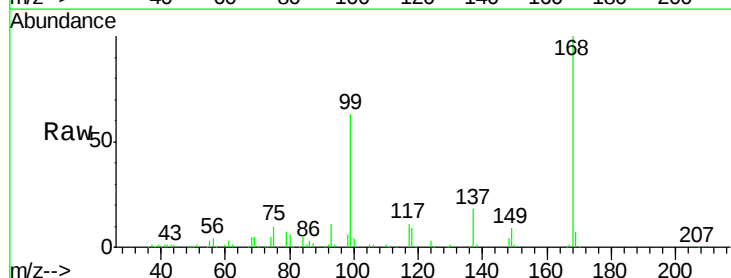
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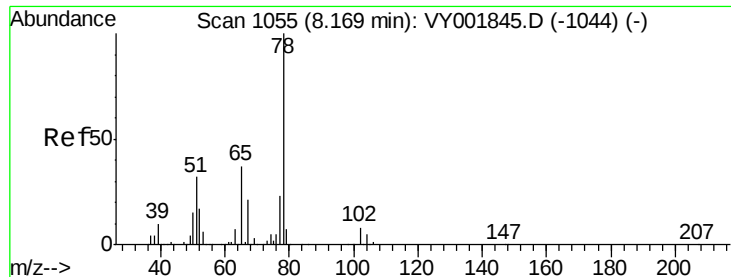
Tgt Ion: 43 Resp: 10613
Ion Ratio Lower Upper
43 100
72 34.2 20.9 31.3#



#31
Cyclohexane
Concen: 1.93 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion: 56 Resp: 5732
Ion Ratio Lower Upper
56 100
69 121.7 26.7 40.1#
84 123.7 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 62.07 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

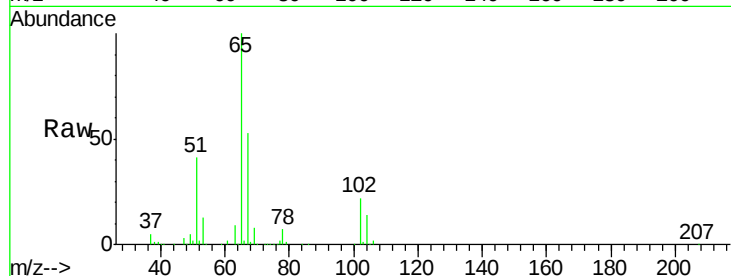
GHD1-SB-01-8-9RE

Tgt Ion: 65 Resp: 83711

Ion Ratio Lower Upper

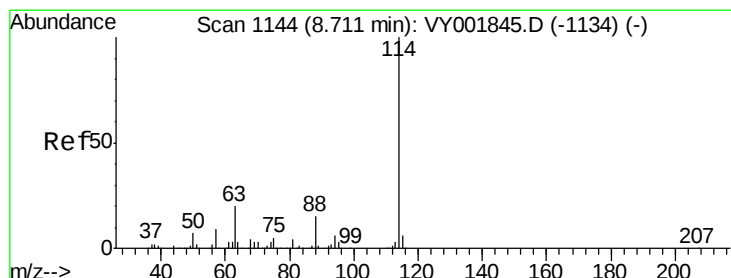
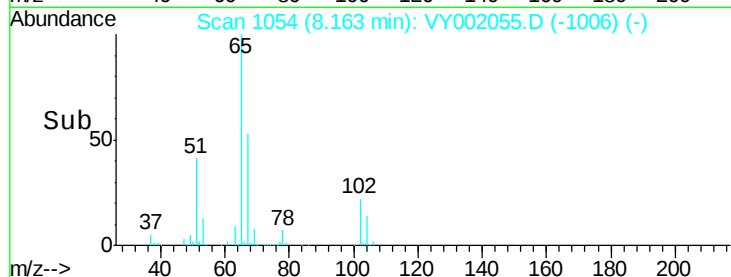
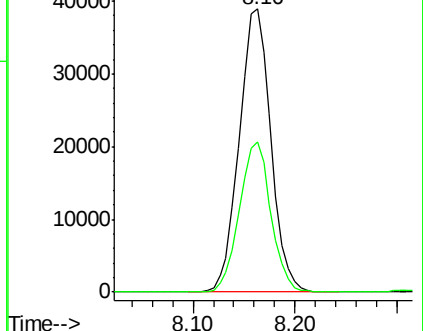
65 100

67 52.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY001845.D (-1044) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

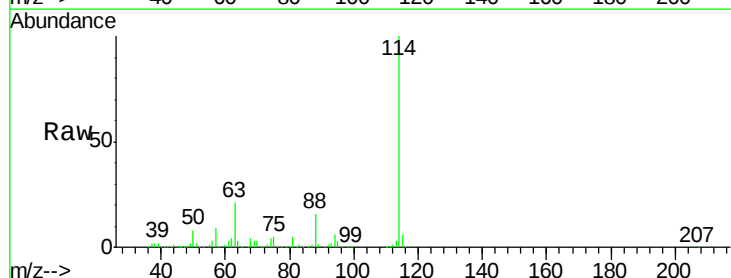
Tgt Ion: 114 Resp: 253794

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.4

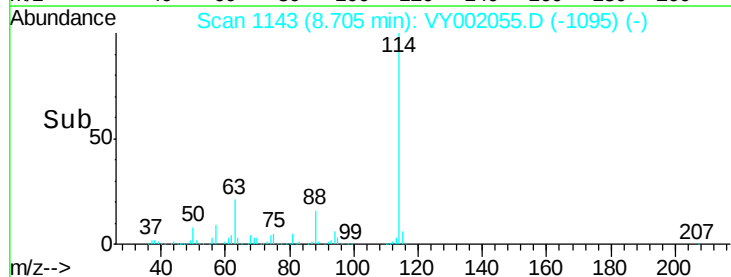
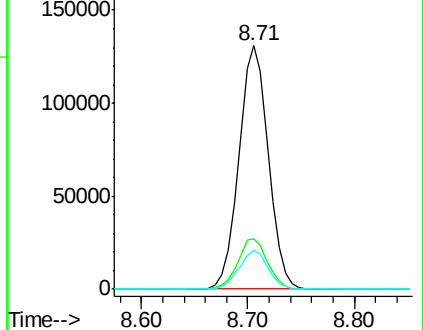
88 16.0 0.0 30.4

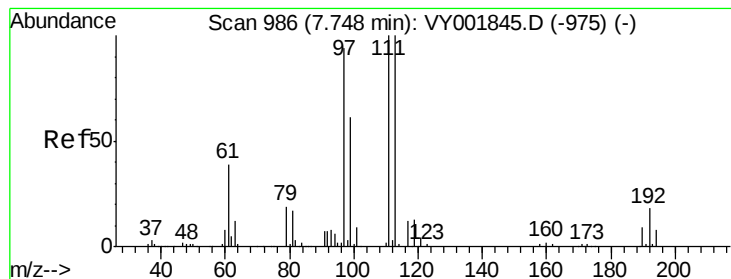


Abundance Ion 113.90 (113.60 to 114.60): VY001845.D (-1134) (-)

Ion 63.00 (62.70 to 63.70): VY001845.D (-1134) (-)

Ion 87.90 (87.60 to 88.60): VY001845.D (-1134) (-)





#35

Dibromofluoromethane

Concen: 54.32 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002055.D

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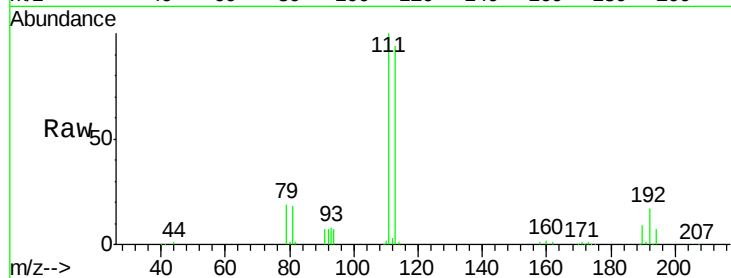
Tgt Ion:113 Resp: 75272

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

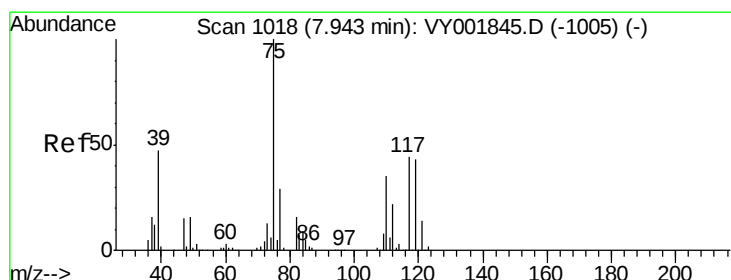
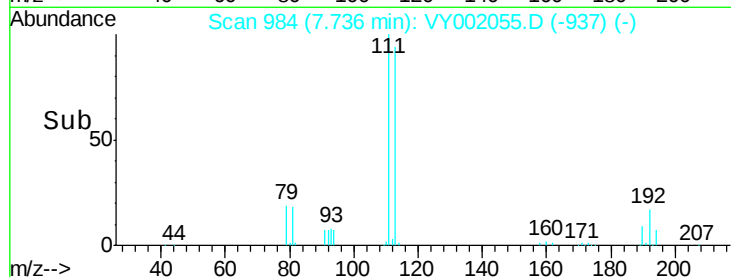
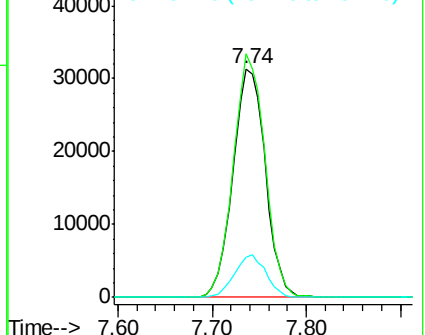
192 18.0 14.2 21.2



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: 4.55 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.13 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

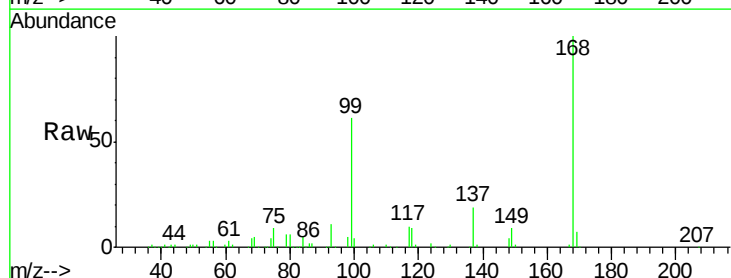
Tgt Ion: 75 Resp: 11122

Ion Ratio Lower Upper

75 100

110 8.7 17.4 52.2#

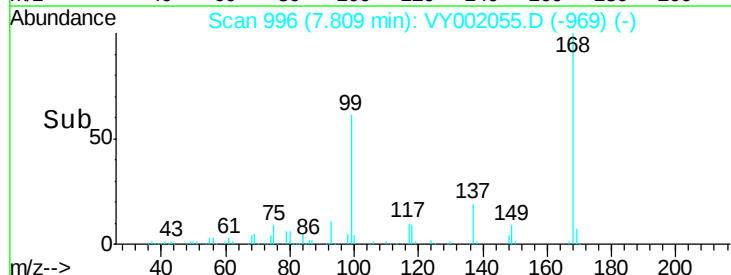
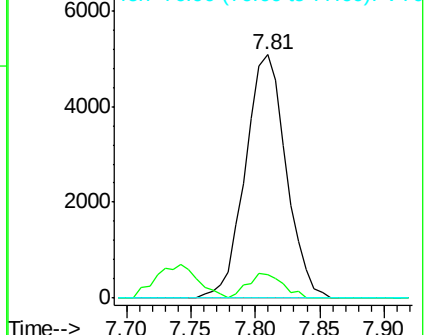
77 0.0 24.2 36.2#

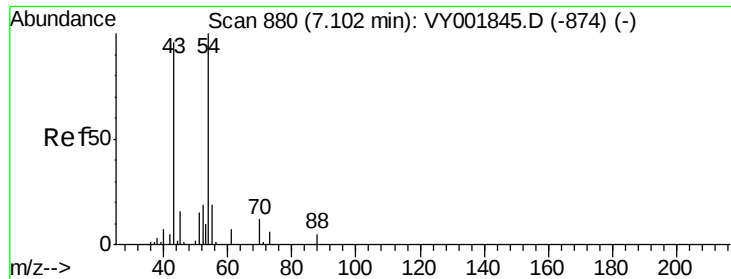


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

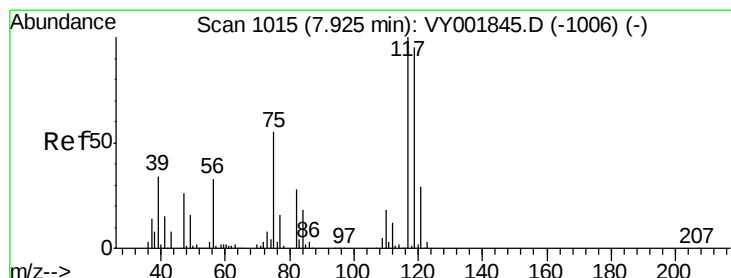
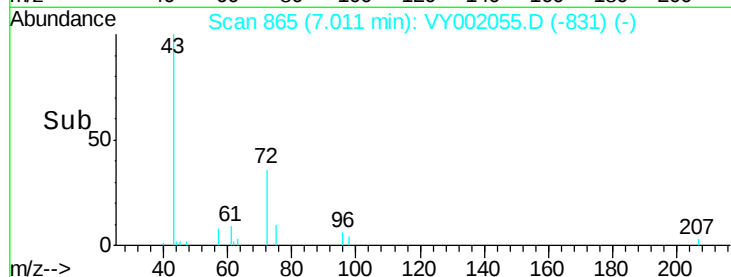
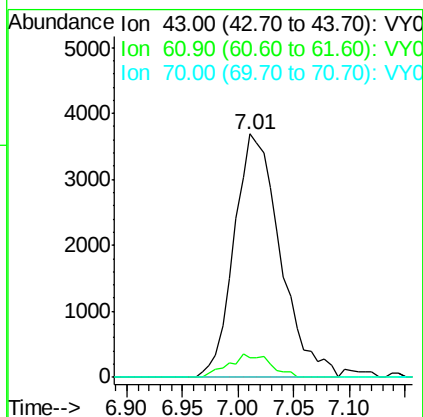
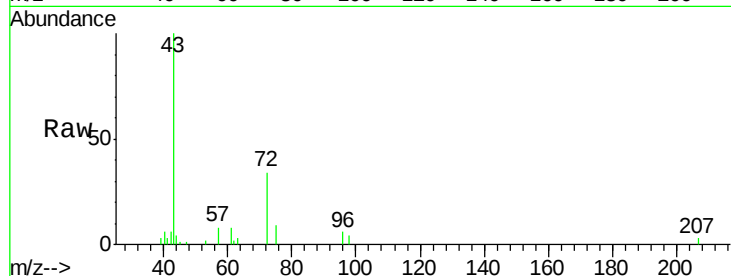




#37
Ethyl Acetate
Concen: 7.48 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.09 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

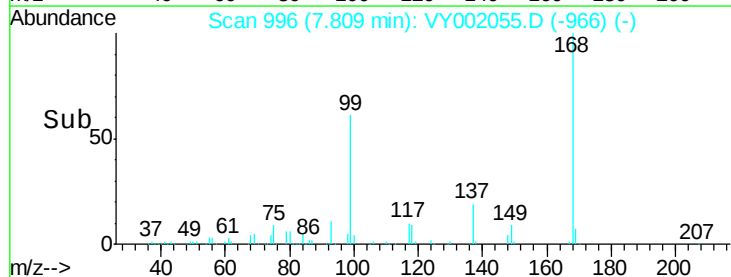
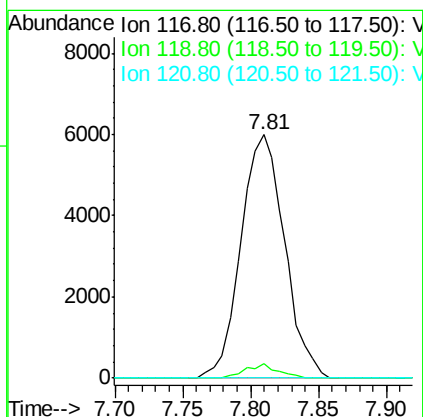
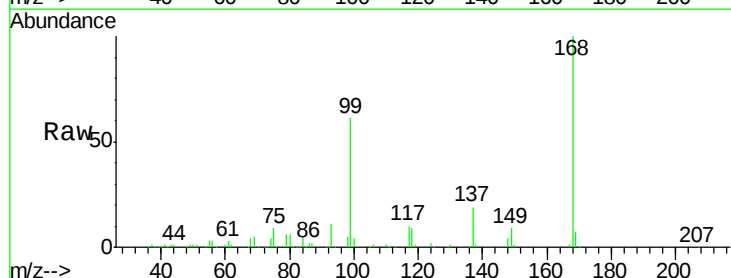
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

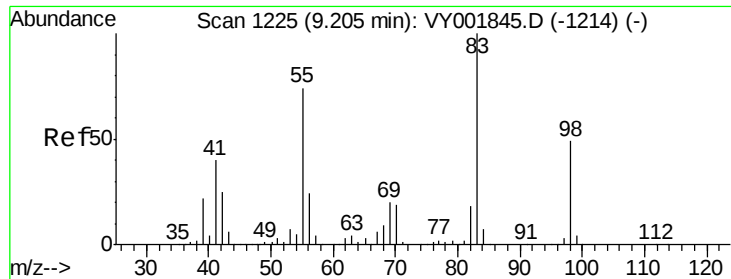
Tgt Ion: 43 Resp: 10613
Ion Ratio Lower Upper
43 100
61 8.7 11.1 16.7#
70 0.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 6.45 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion: 117 Resp: 13454
Ion Ratio Lower Upper
117 100
119 6.2 76.3 114.5#
121 0.0 23.5 35.3#

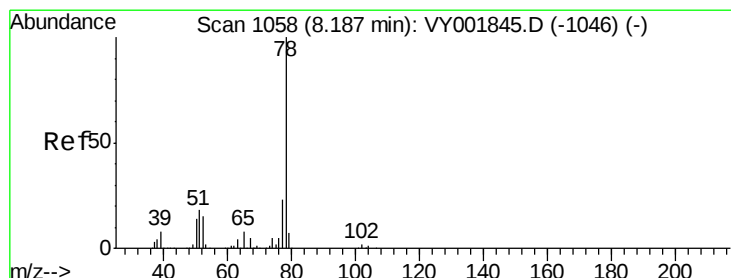
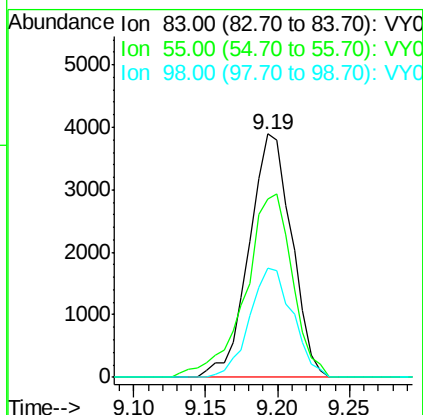
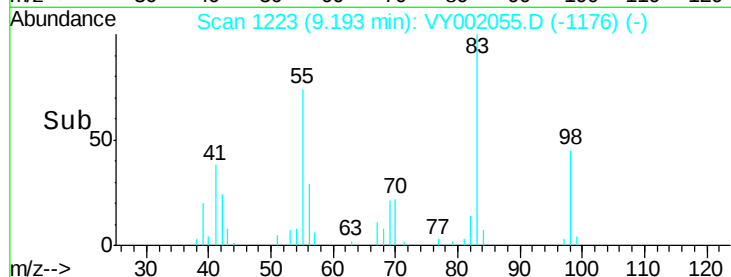
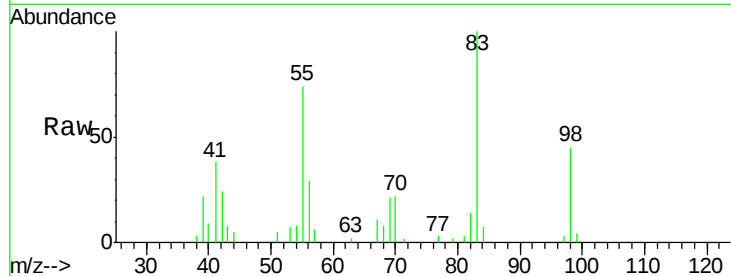




#39
Methylcyclohexane
Concen: 2.46 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

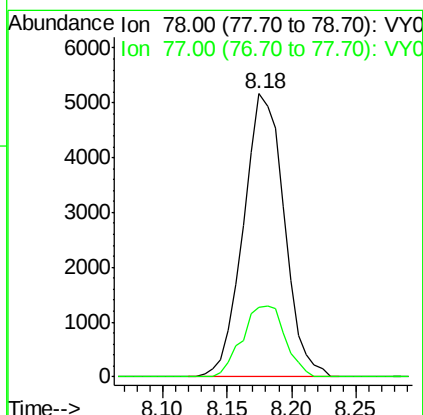
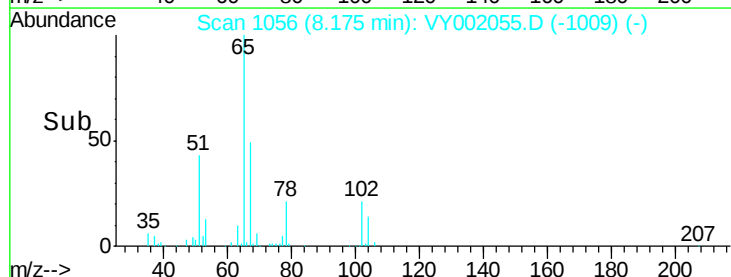
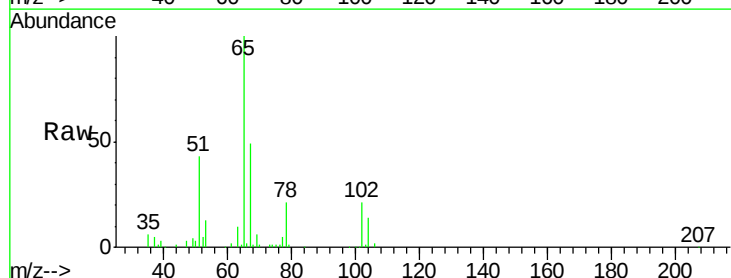
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

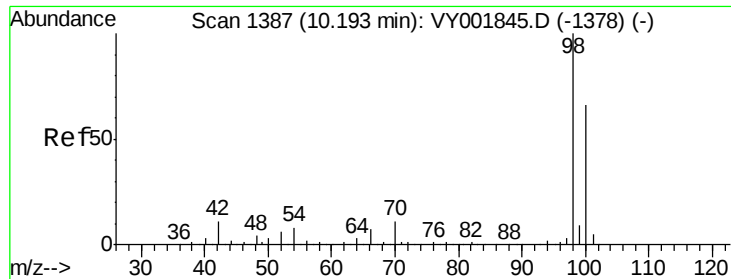
Tgt Ion: 83 Resp: 7968
Ion Ratio Lower Upper
83 100
55 73.5 59.4 89.0
98 44.9 38.9 58.3



#40
Benzene
Concen: 1.56 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion: 78 Resp: 11326
Ion Ratio Lower Upper
78 100
77 24.6 18.7 28.1

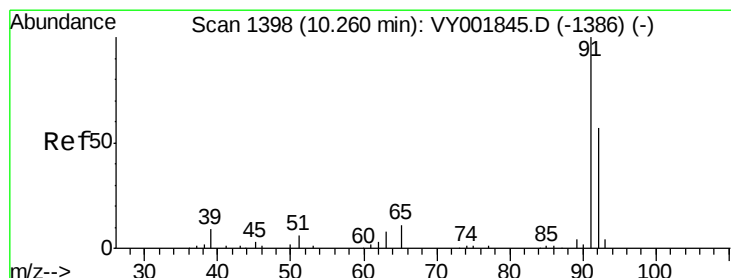
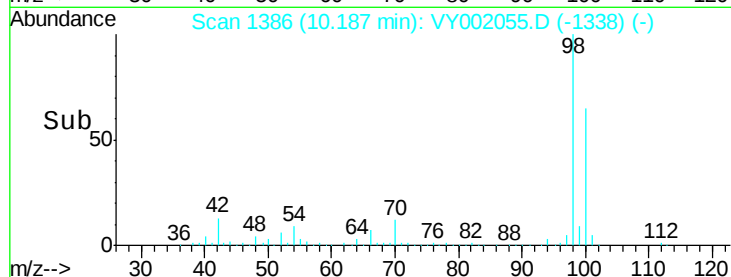
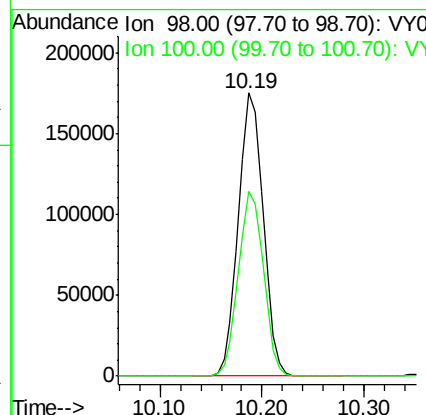
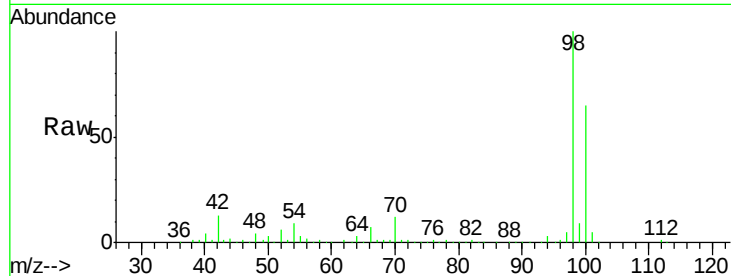




#50
Toluene-d8
Concen: 50.70 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

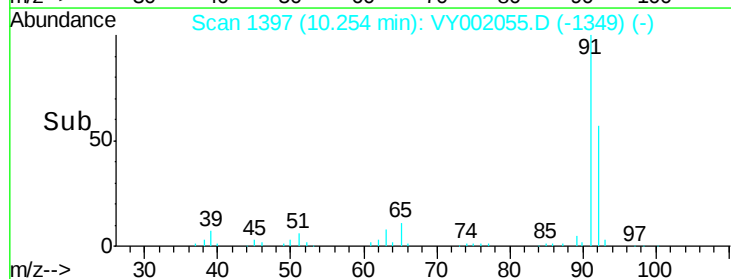
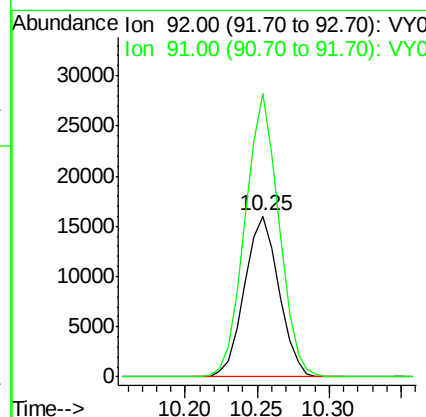
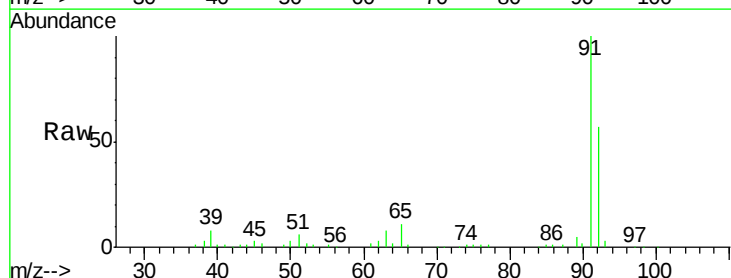
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

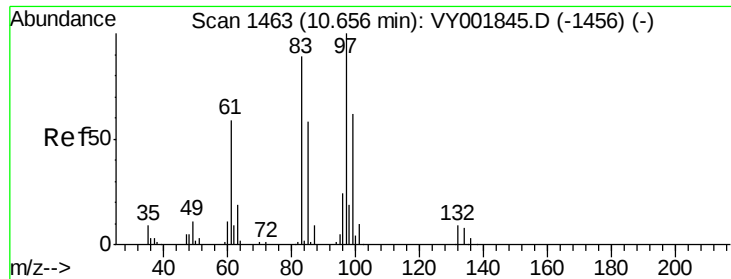
Tgt Ion: 98 Resp: 296281
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#52
Toluene
Concen: 6.02 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion: 92 Resp: 26493
Ion Ratio Lower Upper
92 100
91 173.0 138.6 208.0





#55

1,1,2-Trichloroethane

Concen: 2.73 ug/l

RT: 10.63 min Scan# 1458

Delta R.T. -0.03 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-01-8-9RE

Tgt Ion: 97 Resp: 3741

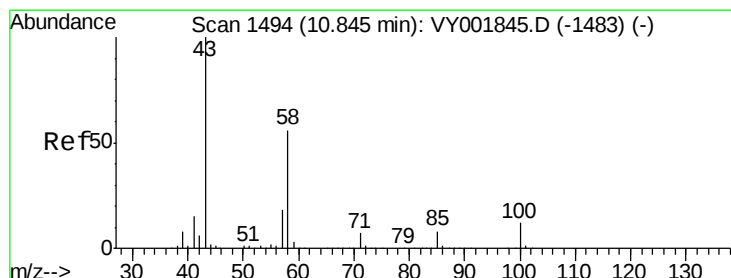
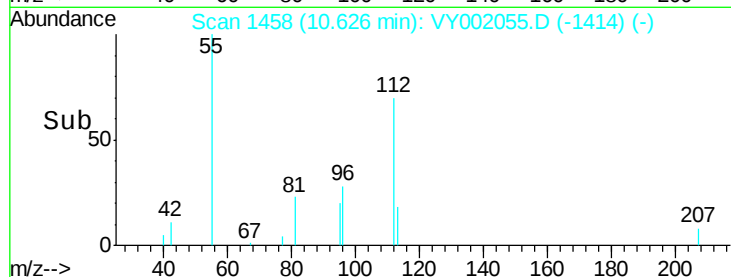
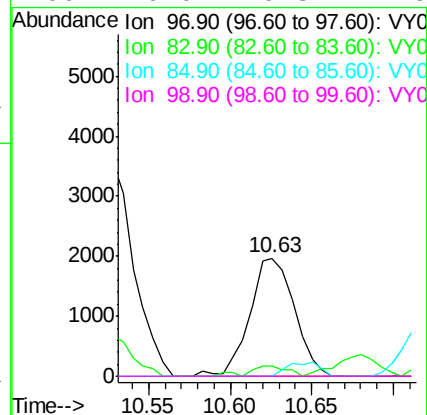
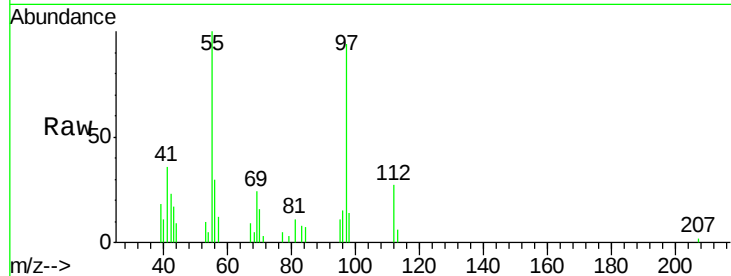
Ion Ratio Lower Upper

97 100

83 8.3 71.6 107.4#

85 0.0 46.6 69.8#

99 0.0 49.8 74.6#



#59

2-Hexanone

Concen: 6.99 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. -0.04 min

Lab File: VY002055.D

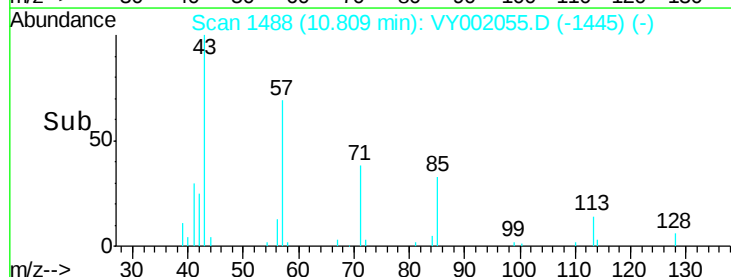
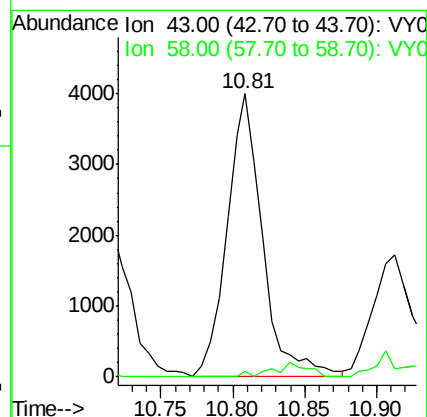
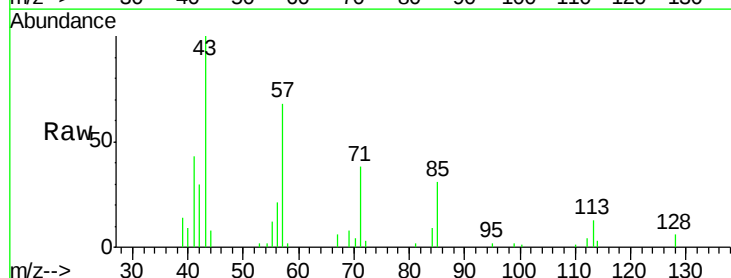
Acq: 24 Mar 2020 16:55

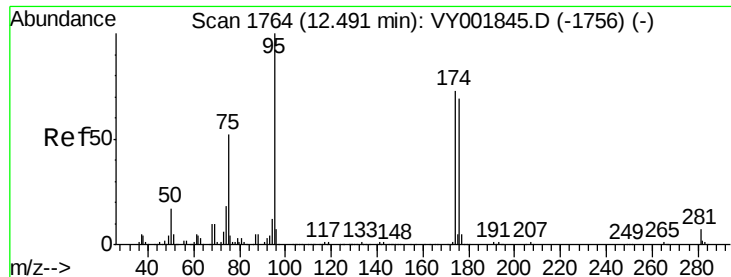
Tgt Ion: 43 Resp: 6907

Ion Ratio Lower Upper

43 100

58 0.0 28.1 84.3#

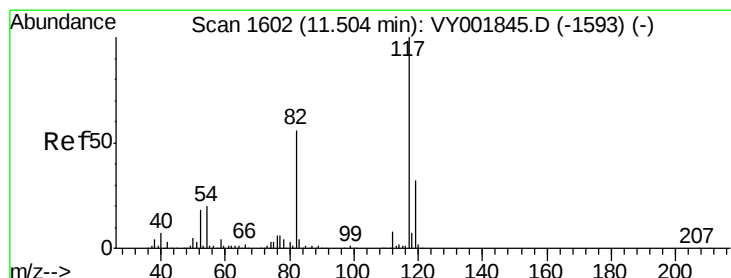
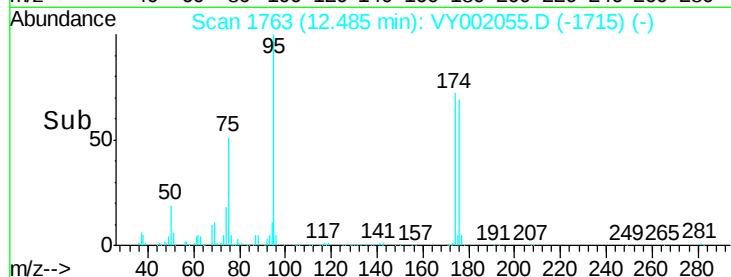
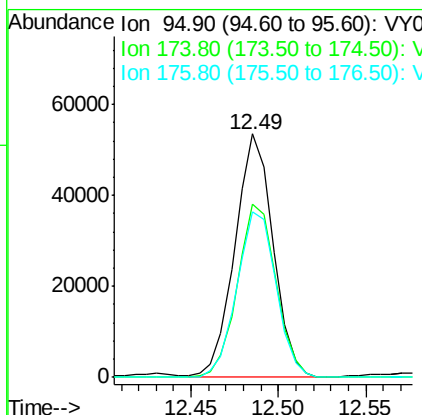
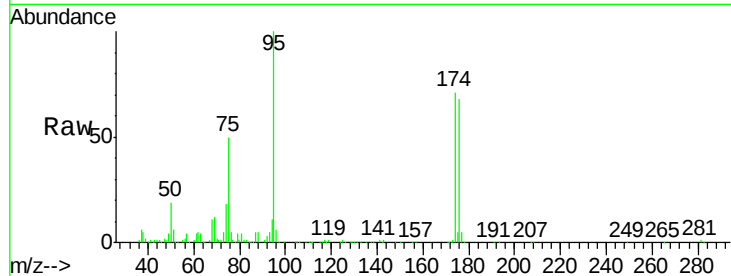




#62
4-Bromofluorobenzene
Concen: 39.69 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

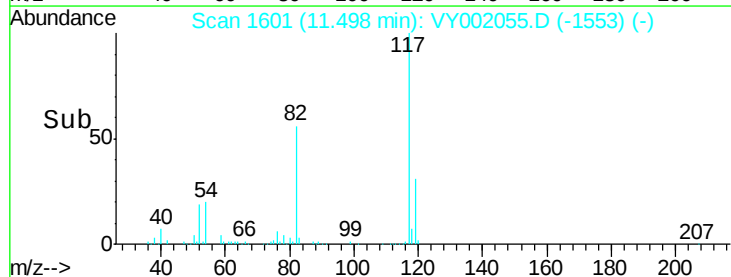
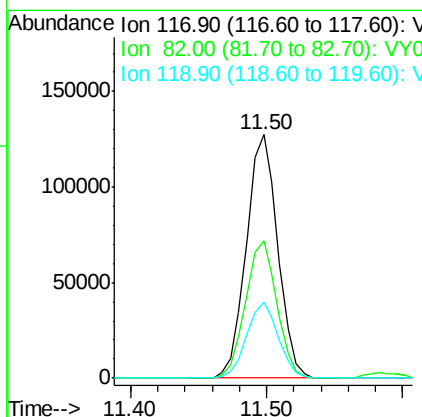
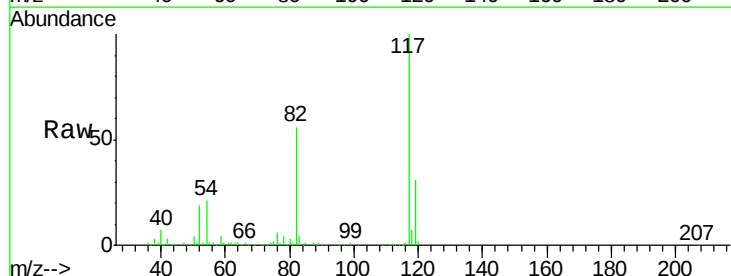
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

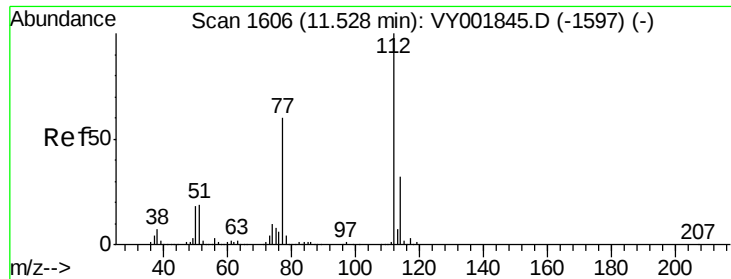
Tgt Ion: 95 Resp: 80642
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.0
176 70.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion: 117 Resp: 205633
Ion Ratio Lower Upper
117 100
82 56.2 44.5 66.7
119 31.3 25.7 38.5





#65

Chlorobenzene

Concen: 2.58 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

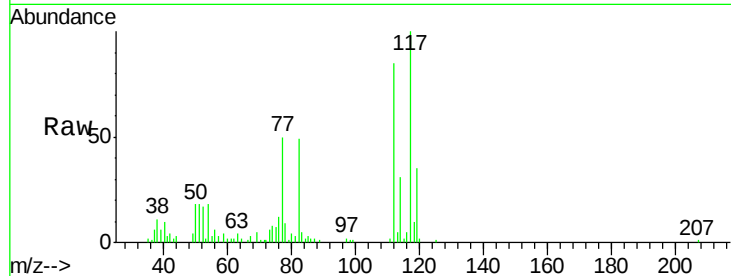
GHD1-SB-01-8-9RE

Tgt Ion: 112 Resp: 10585

Ion Ratio Lower Upper

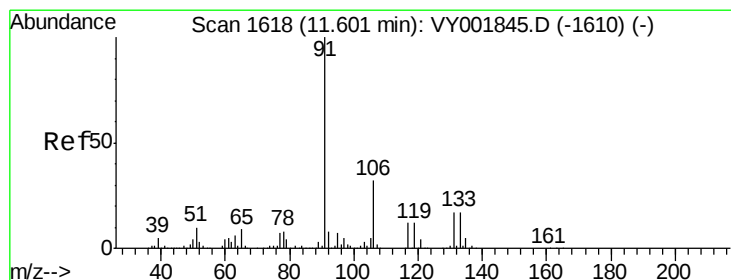
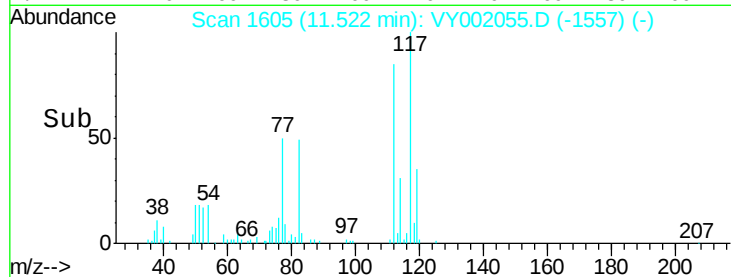
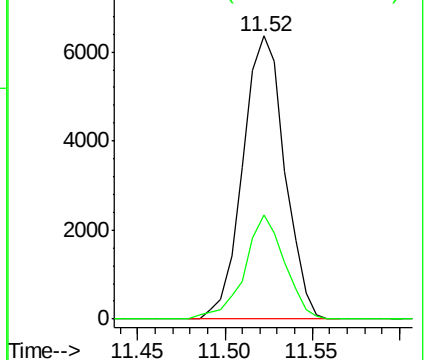
112 100

114 36.9 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 2.70 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002055.D

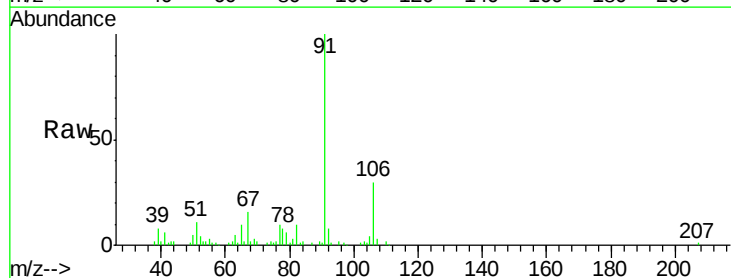
Acq: 24 Mar 2020 16:55

Tgt Ion: 91 Resp: 20657

Ion Ratio Lower Upper

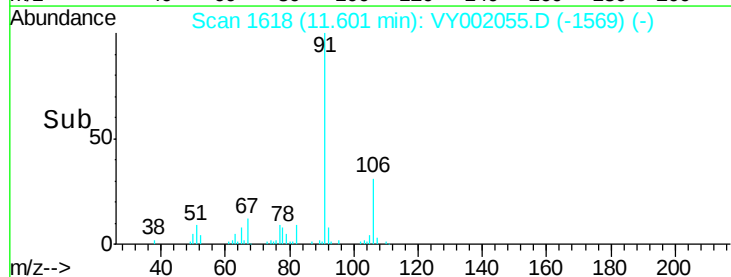
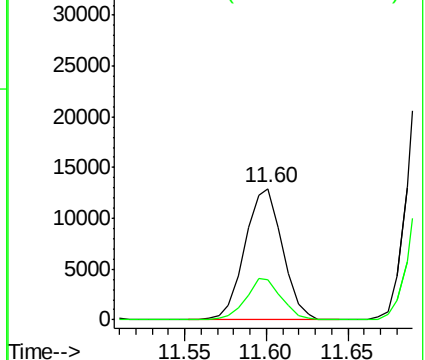
91 100

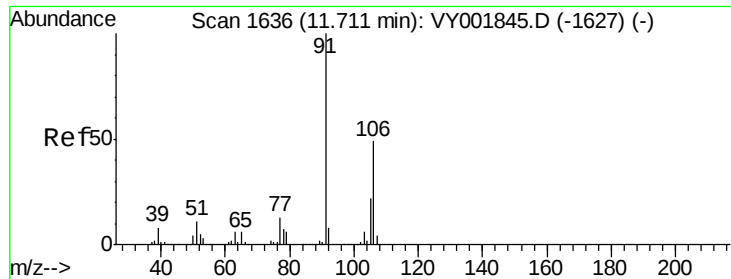
106 30.4 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V

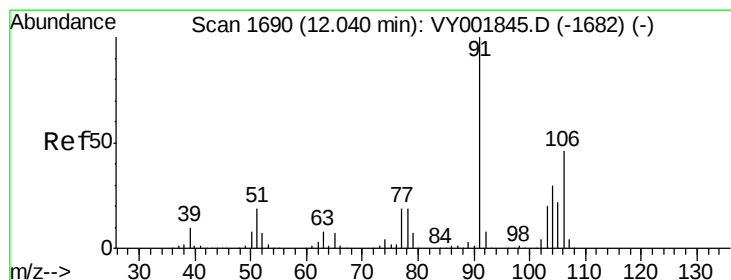
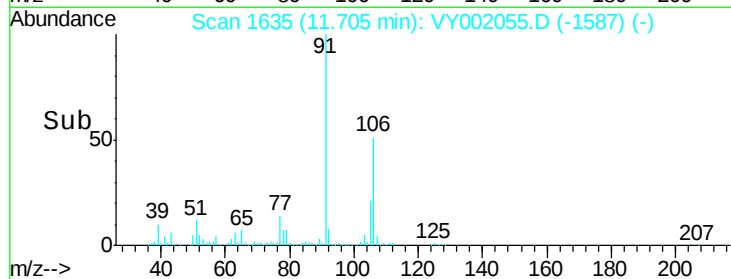
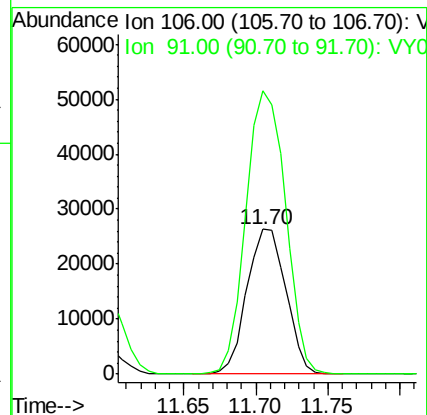
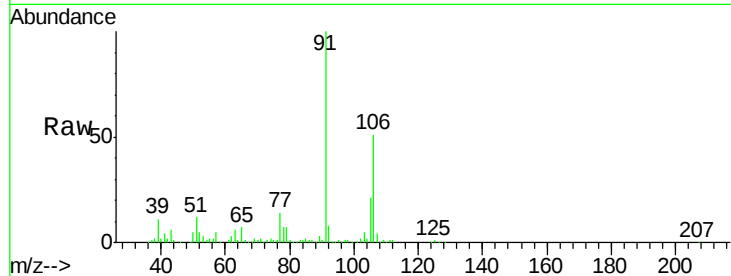




#68
m/p-Xylenes
Concen: 17.48 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

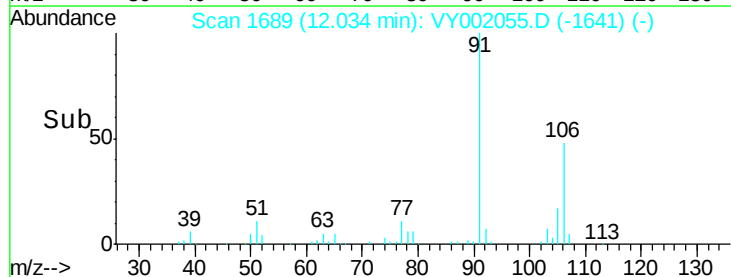
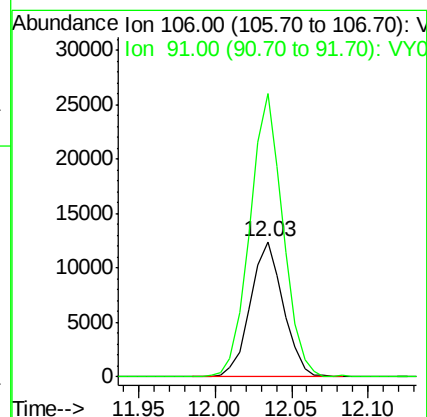
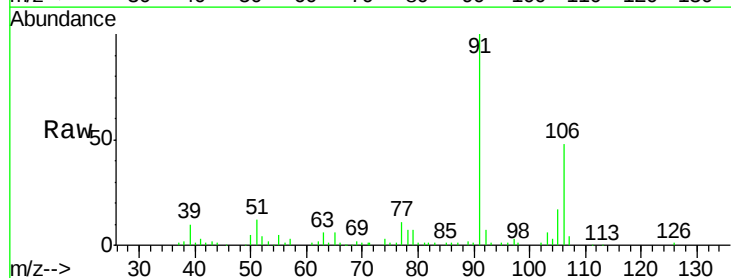
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

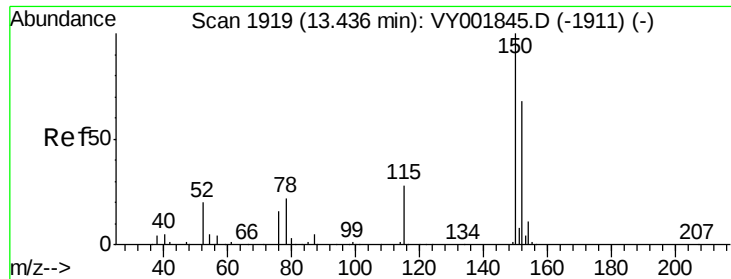
Tgt Ion:106 Resp: 49372
Ion Ratio Lower Upper
106 100
91 199.3 161.3 241.9



#69
o-Xylene
Concen: 7.01 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion:106 Resp: 18655
Ion Ratio Lower Upper
106 100
91 208.9 106.8 320.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-01-8-9RE

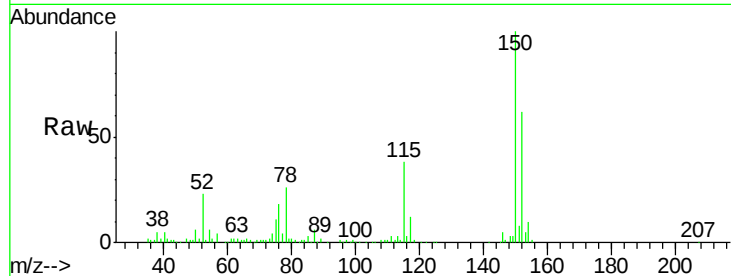
Tgt Ion:152 Resp: 60906

Ion Ratio Lower Upper

152 100

115 65.5 29.9 89.7

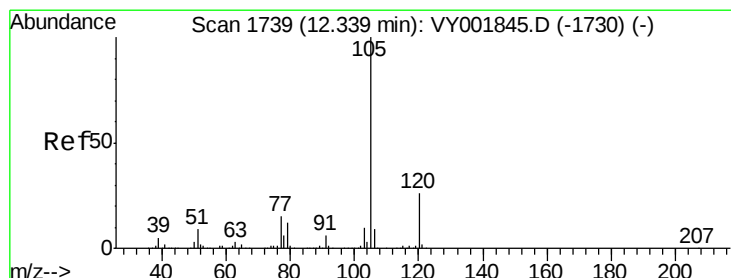
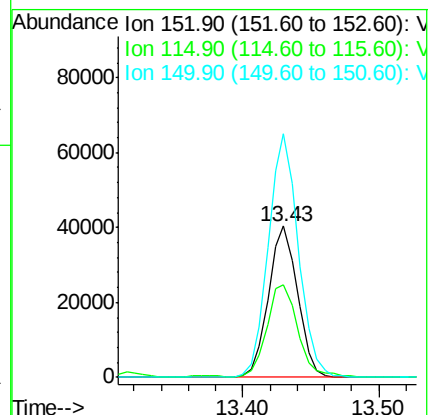
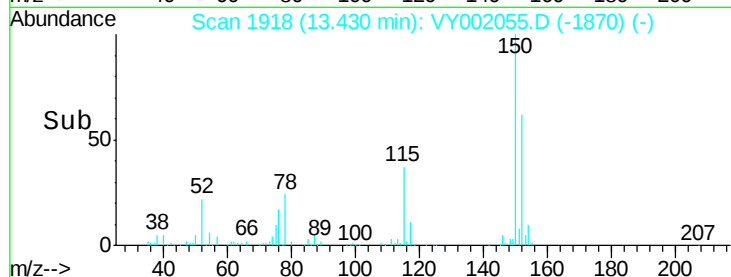
150 165.0 0.0 340.6



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: 6.62 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002055.D

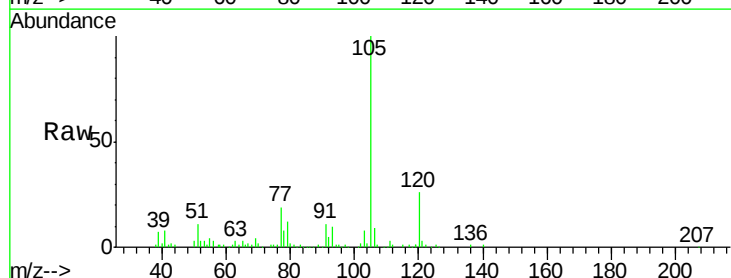
Acq: 24 Mar 2020 16:55

Tgt Ion:105 Resp: 30772

Ion Ratio Lower Upper

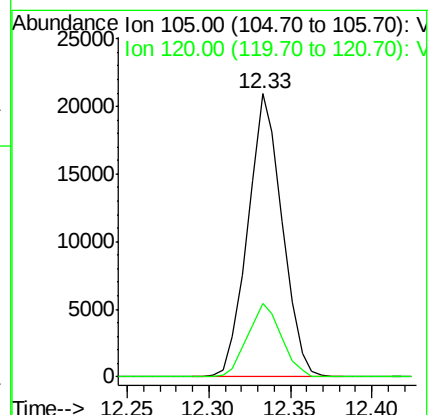
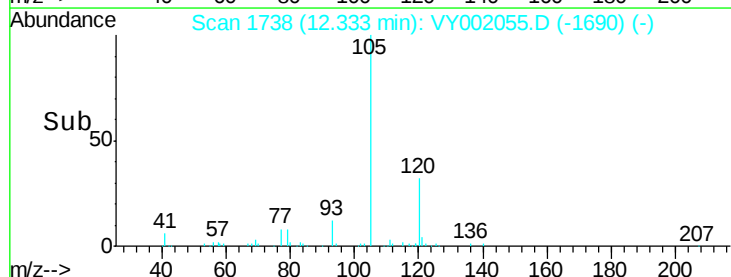
105 100

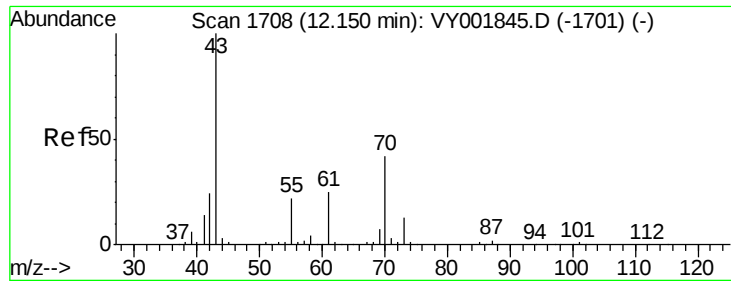
120 25.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

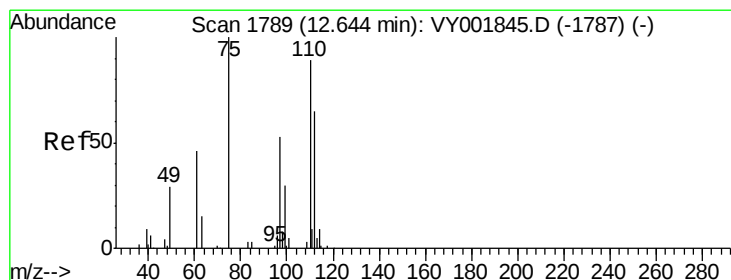
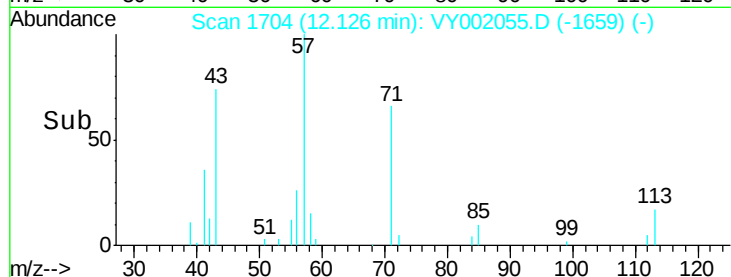
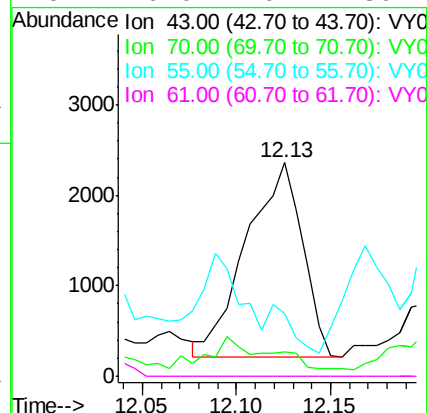
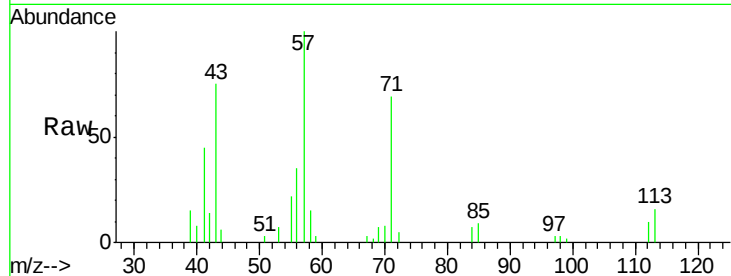




#74
N-amyI acetate
Concen: 3.10 ug/l
RT: 12.13 min Scan# 1704
Delta R.T. -0.02 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

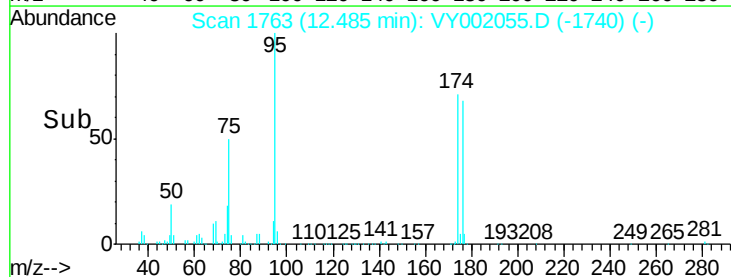
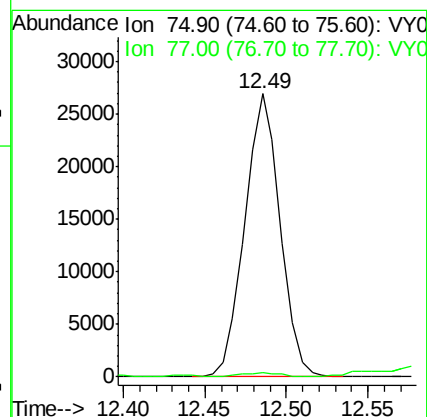
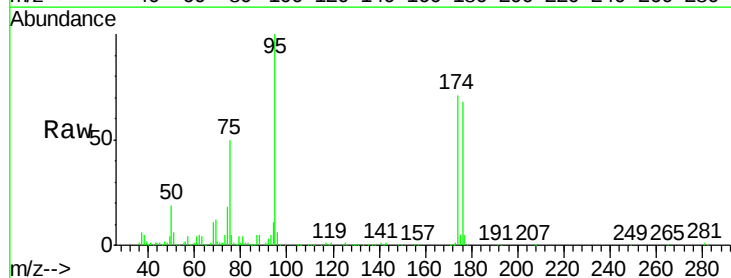
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

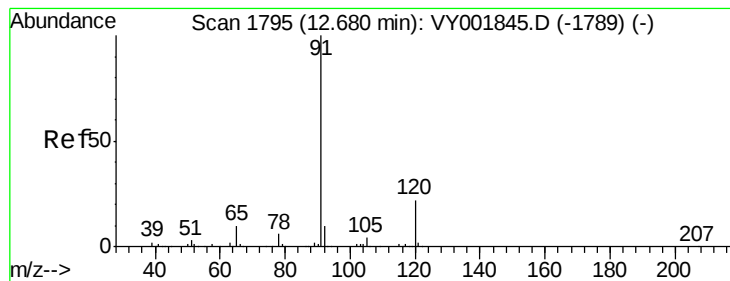
Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
70 0.0 34.7 52.1#
55 0.0 18.2 27.4#
61 0.0 20.1 30.1#



#76
1,2,3-Trichloropropane
Concen: 56.04 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion: 75 Resp: 40496
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#78

n-propylbenzene

Concen: 5.40 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

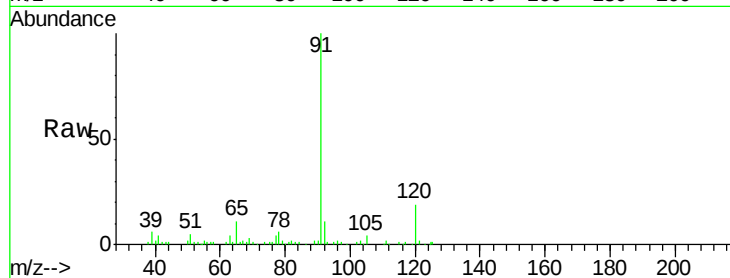
GHD1-SB-01-8-9RE

Tgt Ion: 91 Resp: 30960

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1789) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1789) (-)

12.67

25000

20000

15000

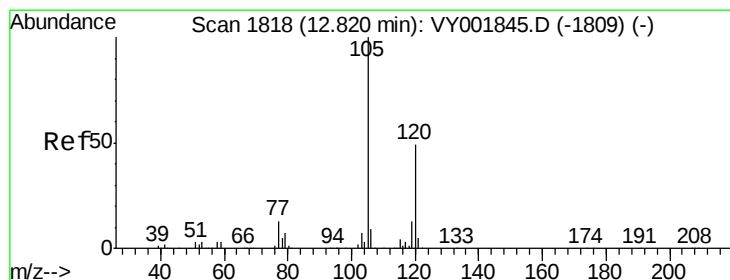
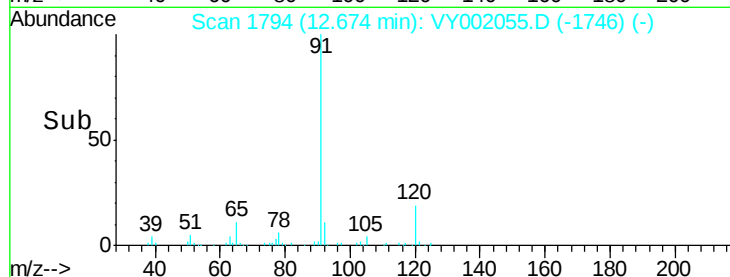
10000

5000

0

Time-->

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 6.20 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002055.D

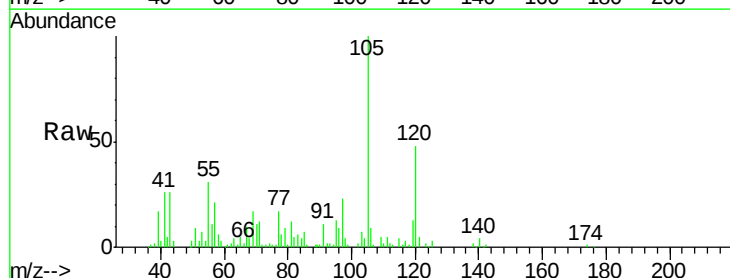
Acq: 24 Mar 2020 16:55

Tgt Ion: 105 Resp: 23712

Ion Ratio Lower Upper

105 100

120 47.3 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

12.81

15000

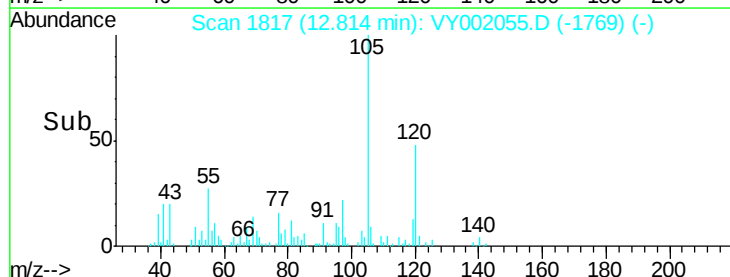
10000

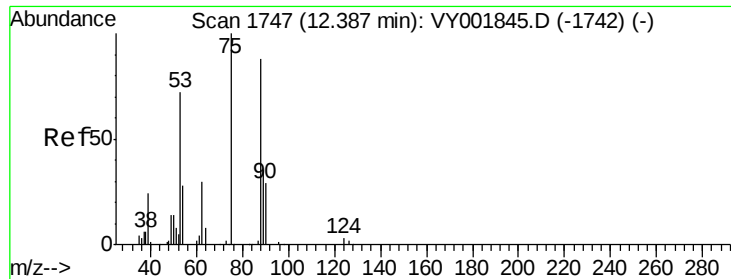
5000

0

Time-->

12.80 12.85





#81

trans-1,4-Dichloro-2-butene

Concen: 113.19 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

GHD1-SB-01-8-9RE

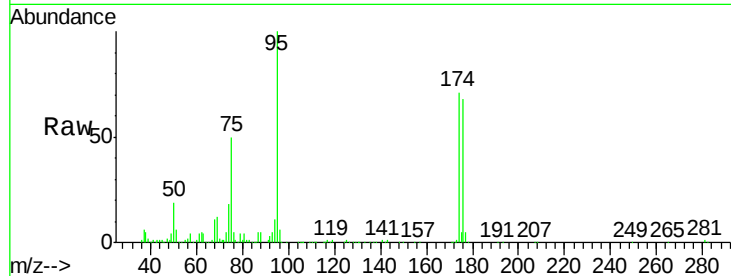
Tgt Ion: 75 Resp: 40496

Ion Ratio Lower Upper

75 100

53 0.0 65.4 98.0#

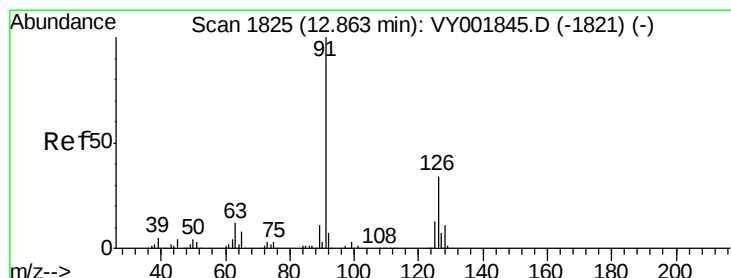
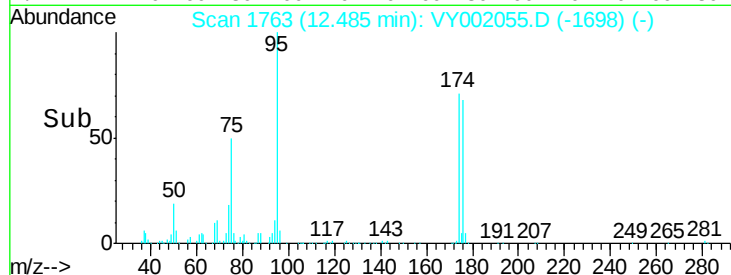
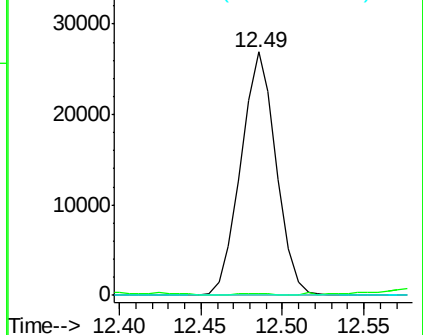
89 0.1 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 1.03 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.04 min

Lab File: VY002055.D

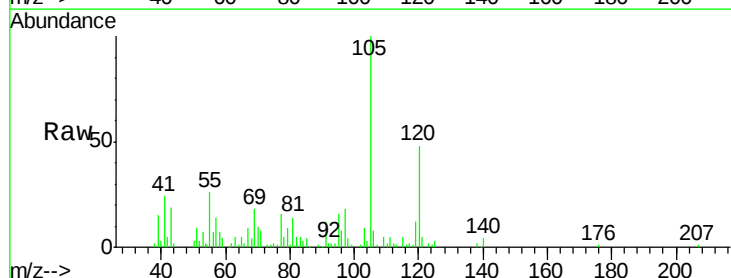
Acq: 24 Mar 2020 16:55

Tgt Ion: 91 Resp: 3407

Ion Ratio Lower Upper

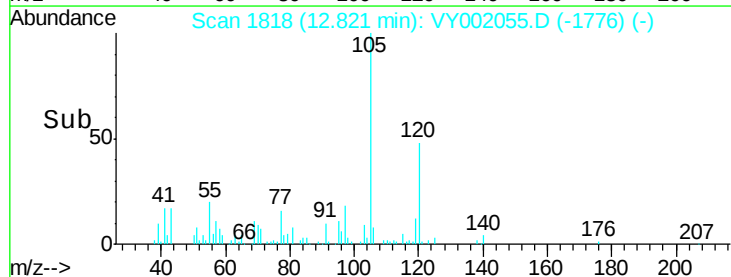
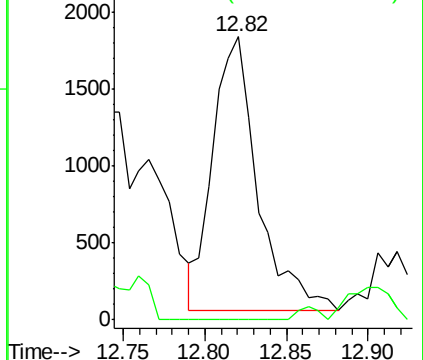
91 100

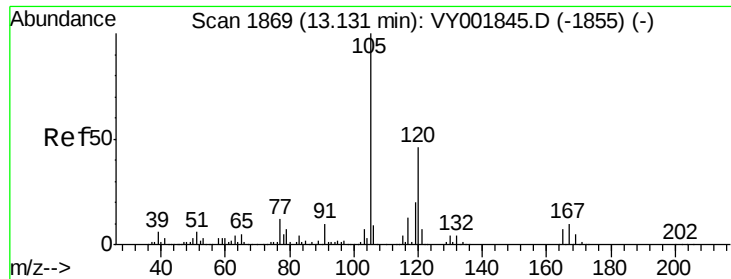
126 0.0 16.4 49.2#



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

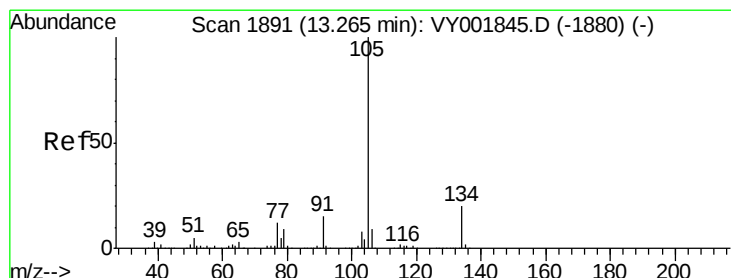
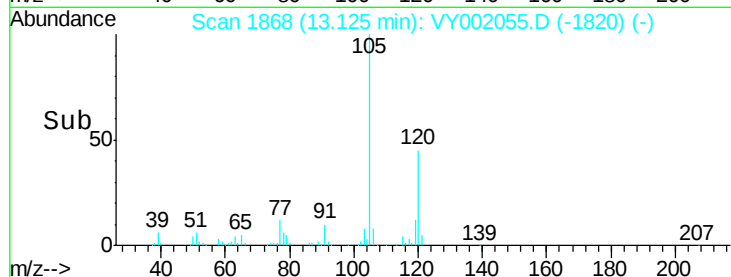
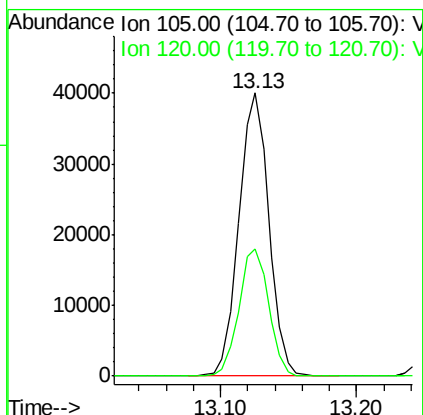
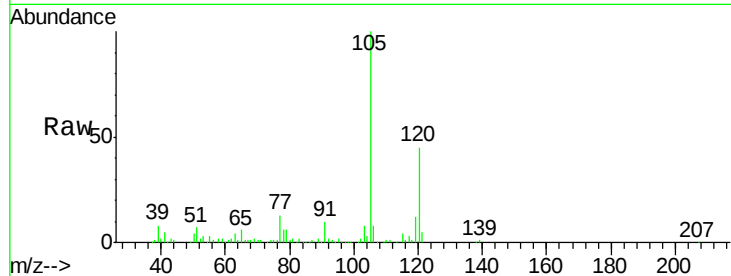




#84
1,2,4-Trimethylbenzene
Concen: 16.17 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

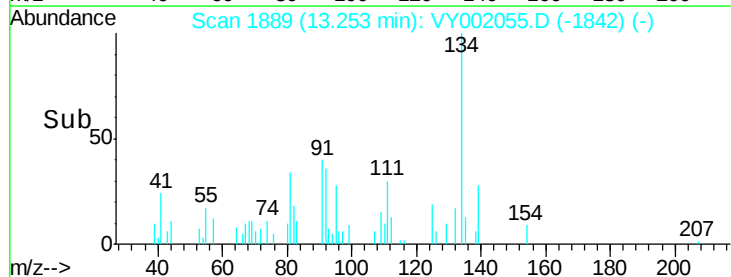
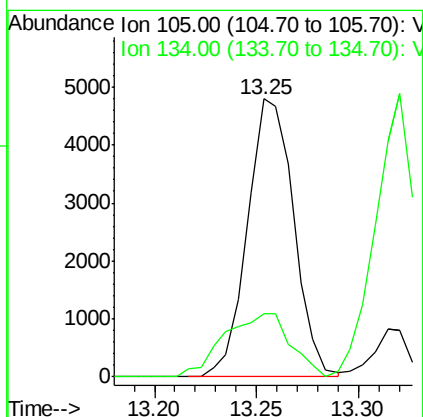
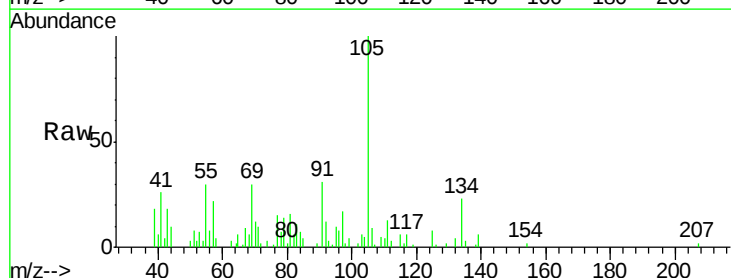
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

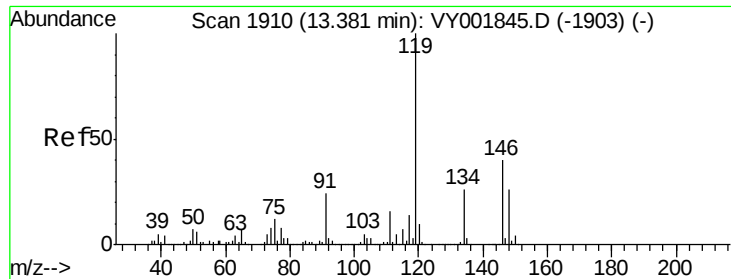
Tgt Ion:105 Resp: 61437
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.7



#85
sec-Butylbenzene
Concen: 1.61 ug/l
RT: 13.25 min Scan# 1889
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion:105 Resp: 7559
Ion Ratio Lower Upper
105 100
134 32.9 9.7 29.1#

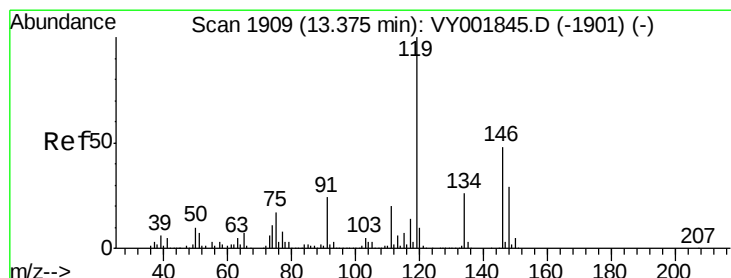
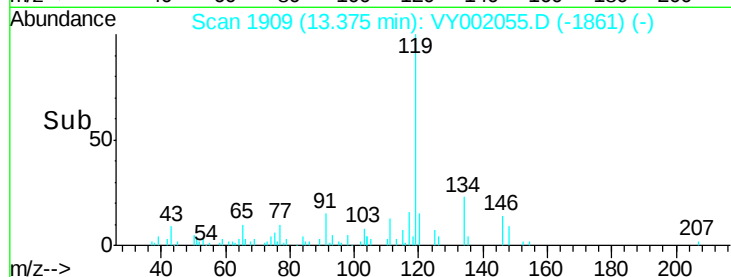
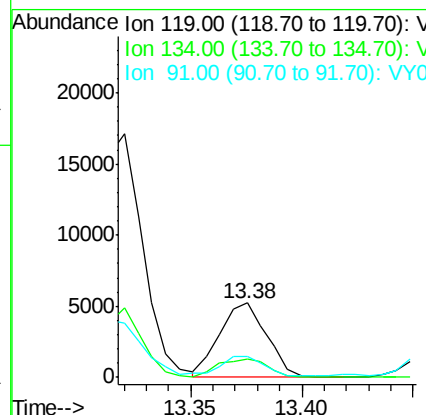
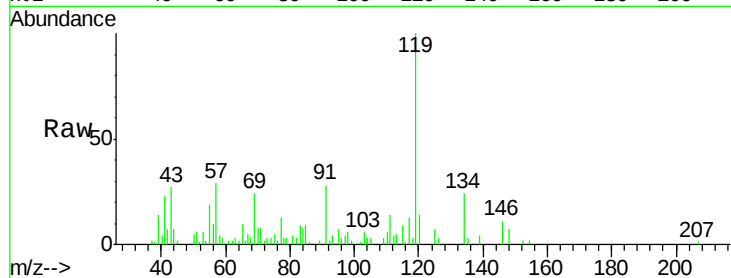




#86
p-Isopropyltoluene
Concen: 1.92 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

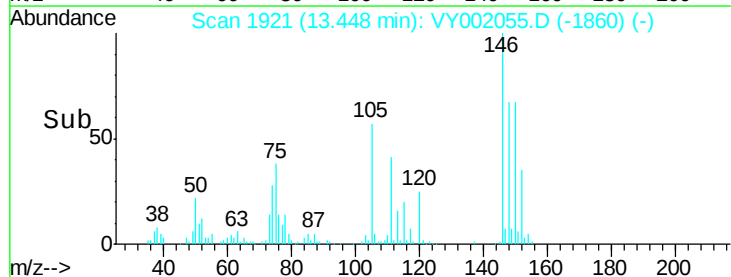
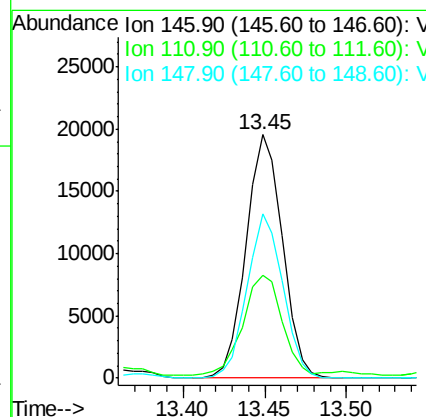
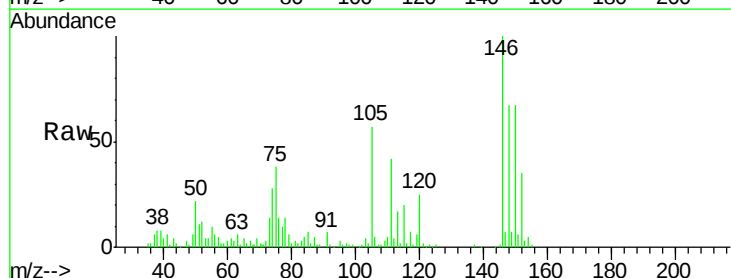
Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

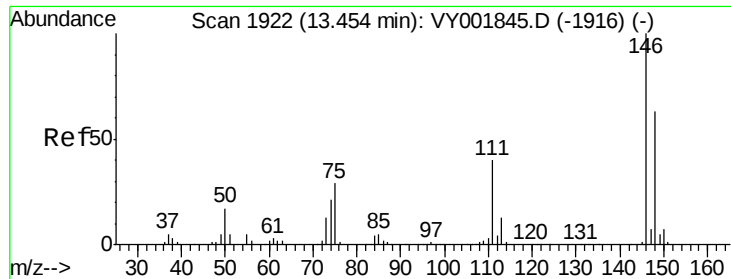
Tgt Ion:119 Resp: 7742
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.3
91 24.3 11.9 35.7



#87
1,3-Dichlorobenzene
Concen: 15.80 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.07 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Tgt Ion:146 Resp: 30504
Ion Ratio Lower Upper
146 100
111 44.7 20.8 62.5
148 66.5 31.4 94.0

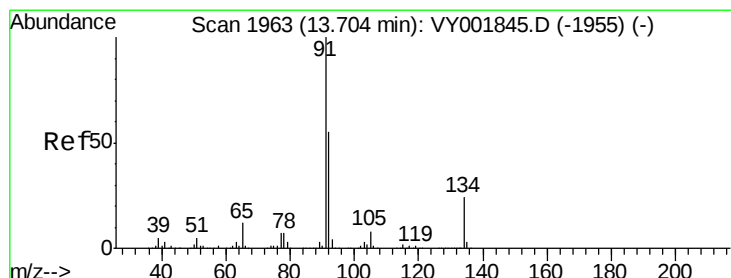
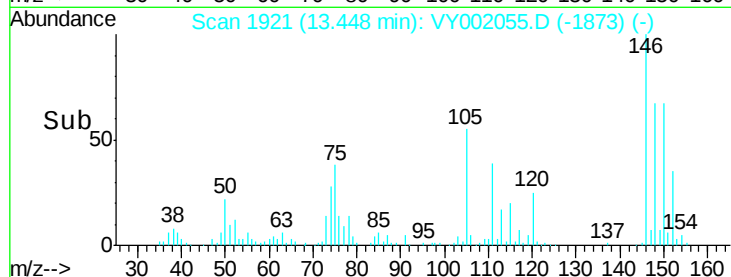
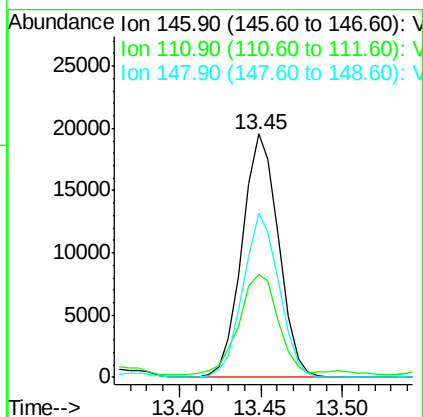
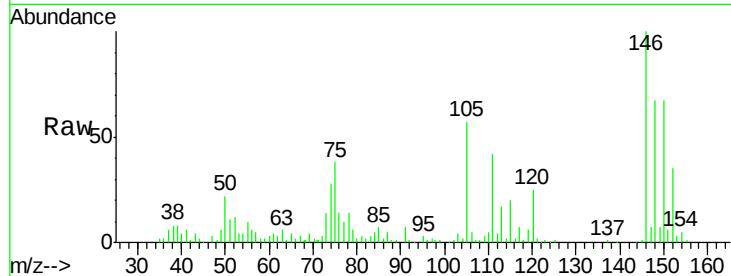




#88
 1,4-Dichlorobenzene
 Concen: 15.58 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002055.D
 Acq: 24 Mar 2020 16:55

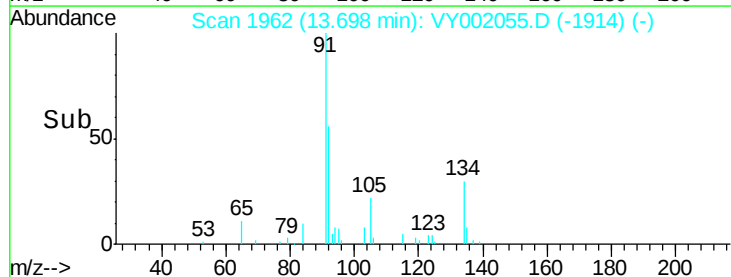
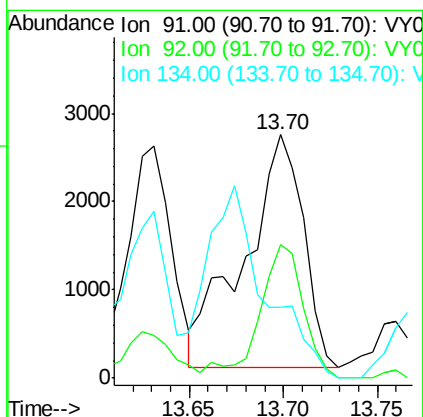
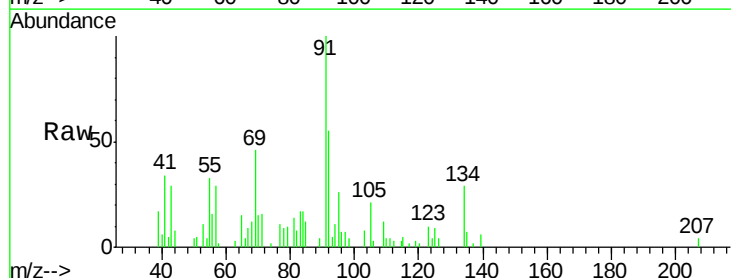
Instrument :
 MSVOA_Y
 ClientSampleId :
 GHD1-SB-01-8-9RE

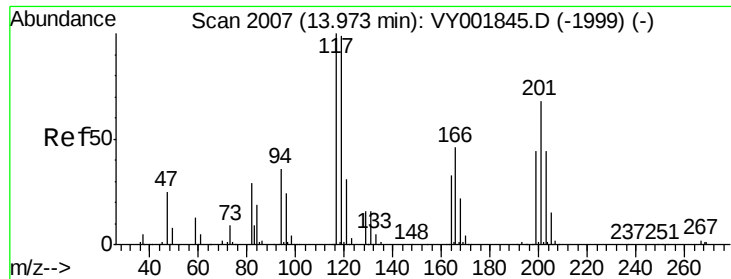
Tgt Ion:146 Resp: 30504
 Ion Ratio Lower Upper
 146 100
 111 44.6 20.0 60.0
 148 66.5 31.5 94.5



#89
 n-Butylbenzene
 Concen: 1.37 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VY002055.D
 Acq: 24 Mar 2020 16:55

Tgt Ion: 91 Resp: 5765
 Ion Ratio Lower Upper
 91 100
 92 42.1 27.5 82.4
 134 0.0 12.5 37.5#





#90

Hexachloroethane

Concen: 1.65 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

Instrument :

MSVOA_Y

ClientSampleId :

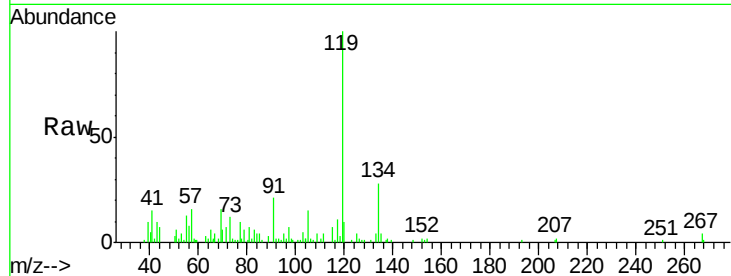
GHD1-SB-01-8-9RE

Tgt Ion:117 Resp: 1255

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

1500

1000

500

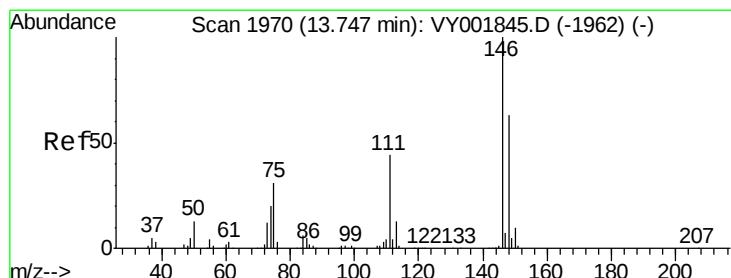
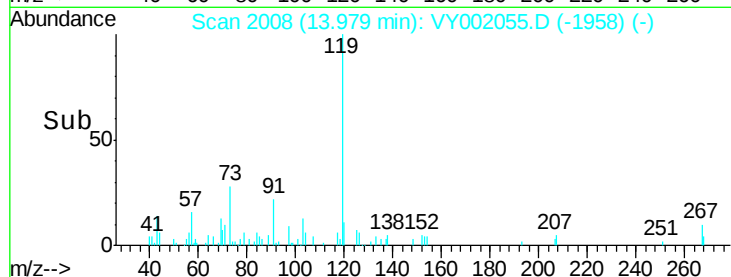
0

13.95

14.00

13.98

Time-->



#91

1,2-Dichlorobenzene

Concen: 4.58 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002055.D

Acq: 24 Mar 2020 16:55

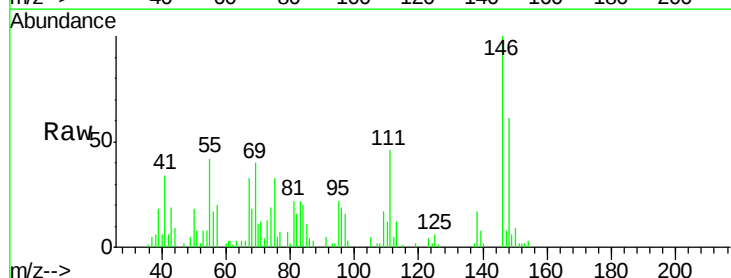
Tgt Ion:146 Resp: 8030

Ion Ratio Lower Upper

146 100

111 54.4 21.5 64.5

148 65.0 32.0 96.0



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

6000

4000

2000

0

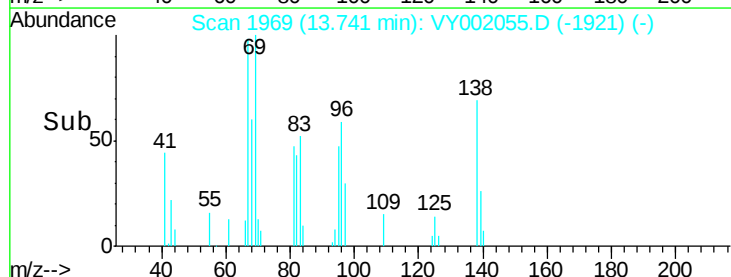
13.70

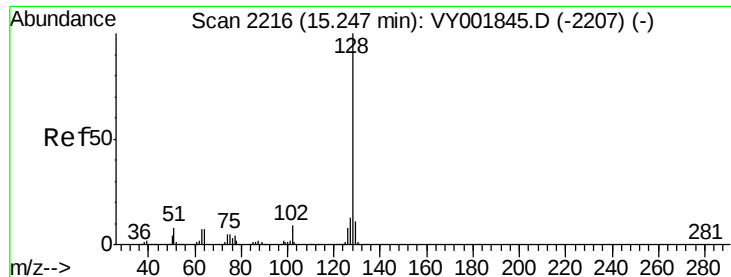
13.75

13.80

13.74

Time-->





#95
Naphthalene
Concen: 50.72 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002055.D
Acq: 24 Mar 2020 16:55

Instrument :
MSVOA_Y
ClientSampleId :
GHD1-SB-01-8-9RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	11.1	8.6	13.0

