

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001340.D
 Acq On : 22 Jan 2020 18:43
 Operator : SY/MD
 Sample : L1215-02
 Misc : 7.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200031

Quant Time: Jan 23 02:11:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	3424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	6950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	7054	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	3194	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	3162	84.87	ug/l	0.00
Spiked Amount			Recovery	=	169.74%	
35) Dibromofluoromethane	7.76	113	1954	47.90	ug/l	0.01
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	10.20	98	8394	52.97	ug/l	0.01
Spiked Amount			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.49	95	3651	57.85	ug/l	0.00
Spiked Amount			Recovery	=	115.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.14	50	278	6.812	ug/l #	43
5) Bromomethane	2.69	94	170	5.932	ug/l	98
6) Chloroethane	2.81	64	64	2.354	ug/l #	41
10) Methyl Iodide	4.15	142	251	5.489	ug/l #	79
13) Acrolein	3.69	56	26	Below Cal	#	15
16) Acetone	3.99	43	173	10.361	ug/l #	43
20) Methylene Chloride	4.77	84	149	Below Cal	#	19
25) 2-Butanone	6.80	43	45	2.775	ug/l #	49
36) 1,1-Dichloropropene	7.82	75	237	3.609	ug/l #	41
38) Carbon Tetrachloride	7.82	117	356	6.084	ug/l #	12
48) Methyl methacrylate	9.30	41	46	1.297	ug/l #	12
51) 4-Methyl-2-Pentanone	10.11	43	73	1.817	ug/l #	36
52) Toluene	10.27	92	251	2.011	ug/l #	59
59) 2-Hexanone	10.88	43	56	2.002	ug/l	83
67) Ethyl Benzene	11.61	91	812	2.963	ug/l	96
68) m/p-Xylenes	11.71	106	1484	14.500	ug/l	98
69) o-Xylene	12.03	106	490	4.977	ug/l	88
74) N-amyl acetate	12.16	43	96	1.164	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.58	83	75	1.389	ug/l #	26
76) 1,2,3-Trichloropropane	12.77	75	52	1.351	ug/l #	100
77) Bromobenzene	12.60	156	315	5.643	ug/l #	1
78) n-propylbenzene	12.68	91	842	2.776	ug/l	86
79) 2-Chlorotoluene	12.86	91	218	1.258	ug/l	77
80) 1,3,5-Trimethylbenzene	12.82	105	1230	5.847	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.49	75	1639	80.587	ug/l #	15
82) 4-Chlorotoluene	12.86	91	218	1.178	ug/l	77
84) 1,2,4-Trimethylbenzene	13.13	105	4837	22.901	ug/l	94
85) sec-Butylbenzene	13.13	105	4837	19.198	ug/l #	57
89) n-Butylbenzene	13.69	91	742	3.321	ug/l #	47
90) Hexachloroethane	13.98	117	115	2.732	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.59	75	167	17.930	ug/l #	1
95) Naphthalene	15.24	128	1981	13.019	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

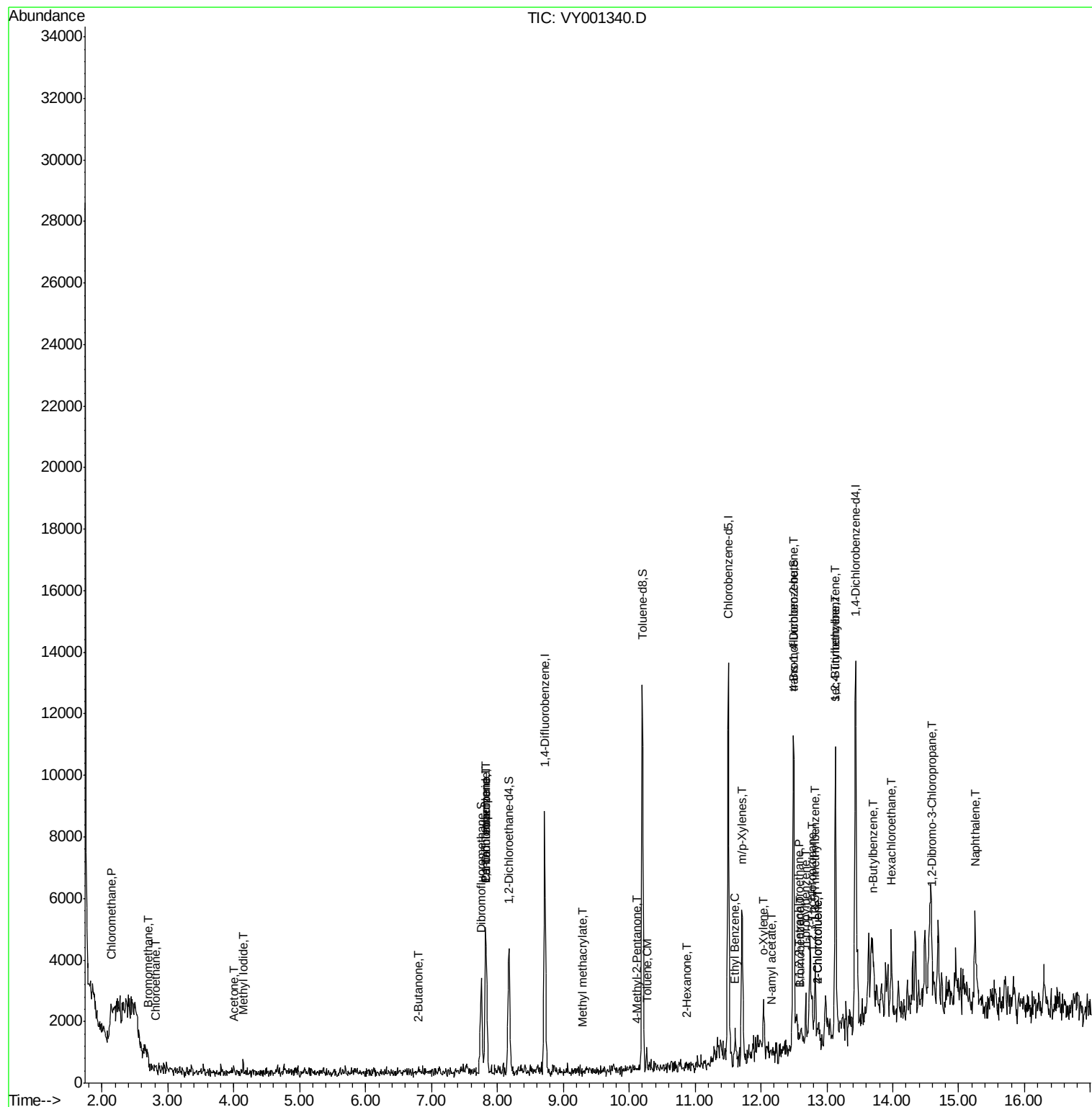
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

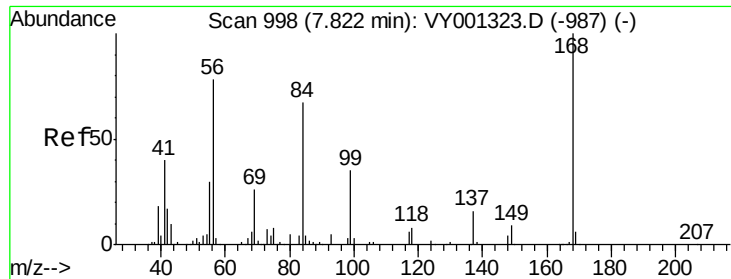
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
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Acq On : 22 Jan 2020 18:43
Operator : SY/MD
Sample : L1215-02
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

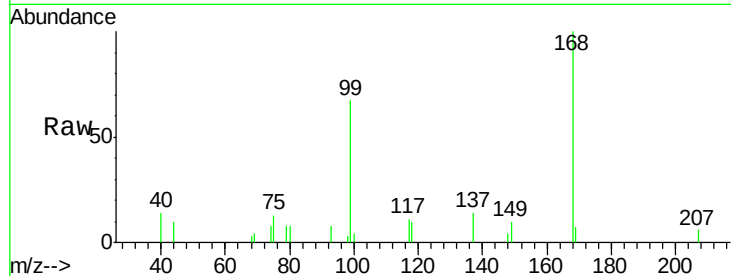
RBR-200031

Tot Ion:168 Resp: 3424

Ion Ratio Lower Upper

168 100

99 67.1 44.3 66.5#



Abundance Ion 167.90 (167.60 to 168.60): VY001340.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001340.D (-949) (-)

7.82

1500

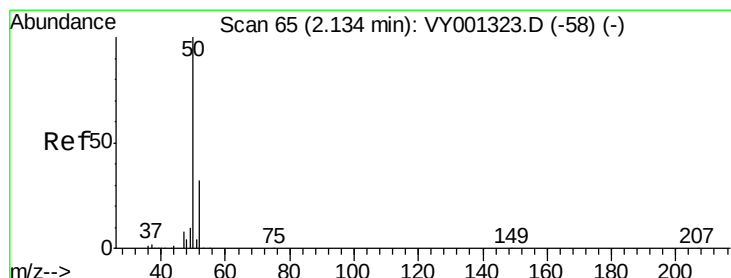
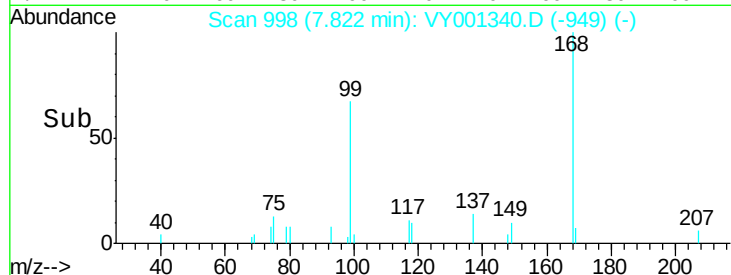
1000

500

0

7.75 7.80 7.85 7.90

Time-->



#3

Chloromethane

Concen: 6.812 ug/l

RT: 2.14 min Scan# 66

Delta R.T. 0.01 min

Lab File: VY001340.D

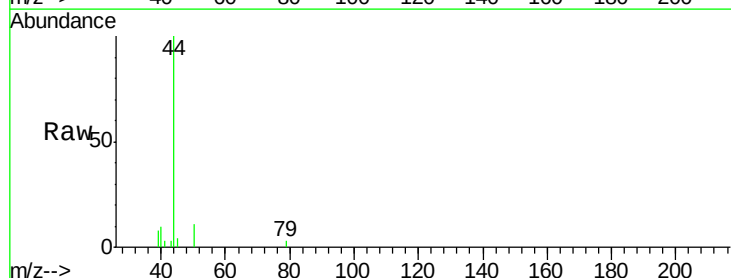
Acq: 22 Jan 2020 18:43

Tgt Ion: 50 Resp: 278

Ion Ratio Lower Upper

50 100

52 0.0 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VY001340.D (-16) (-)

Ion 51.90 (51.60 to 52.60): VY001340.D (-16) (-)

2.14

200

150

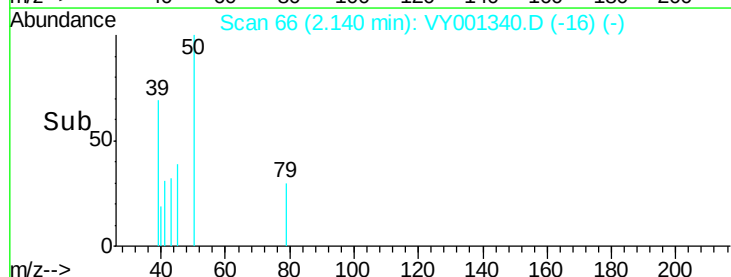
100

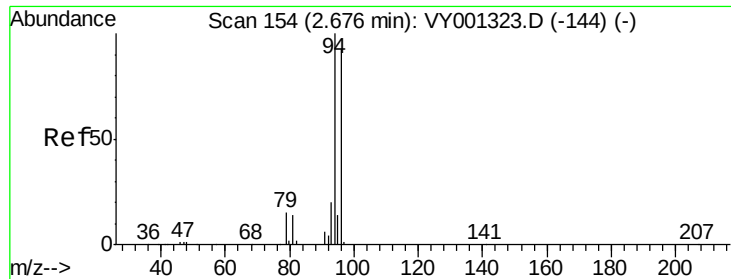
50

0

2.10 2.12 2.14 2.16

Time-->





#5

Bromomethane

Concen: 5.932 ug/l

RT: 2.69 min Scan# 157

Delta R.T. 0.02 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

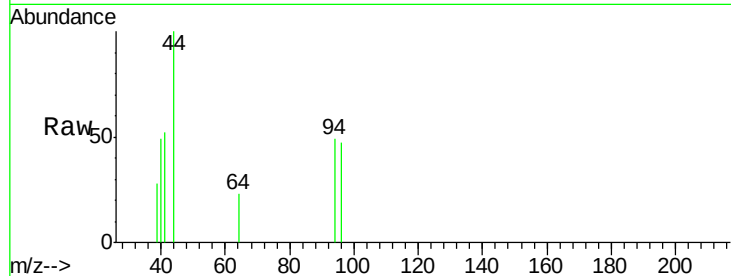
RBR-200031

Tot Ion: 94 Resp: 170

Ion Ratio Lower Upper

94 100

96 95.6 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.69

150

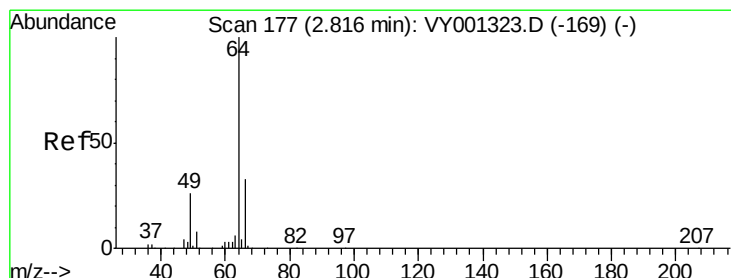
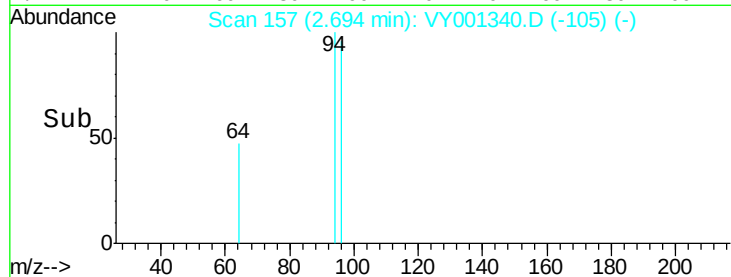
100

50

0

2.66 2.68 2.70 2.72

Time-->



#6

Chloroethane

Concen: 2.354 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001340.D

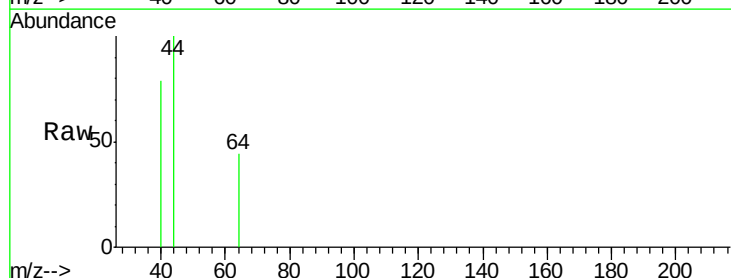
Acq: 22 Jan 2020 18:43

Tgt Ion: 64 Resp: 64

Ion Ratio Lower Upper

64 100

66 0.0 26.8 40.2#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

120

100

80

60

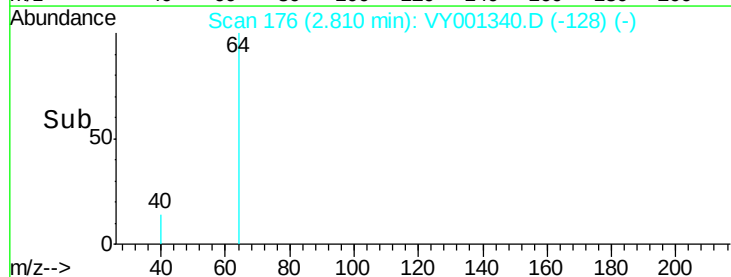
40

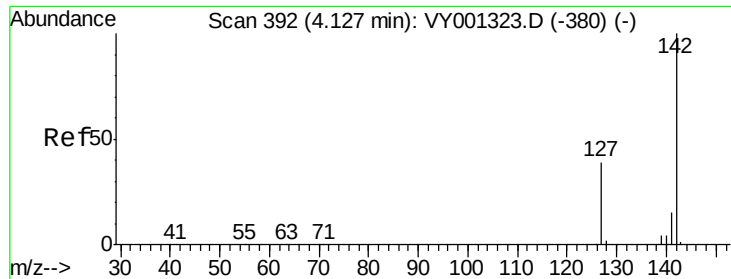
20

0

2.80 2.81 2.82

Time-->

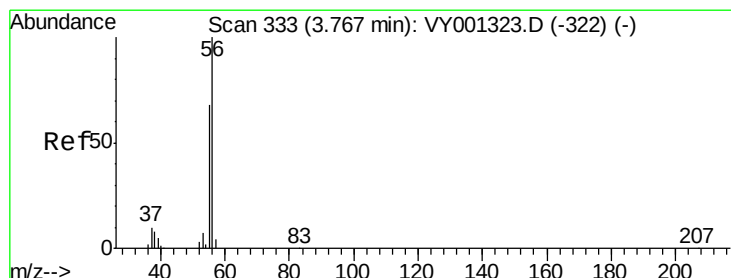
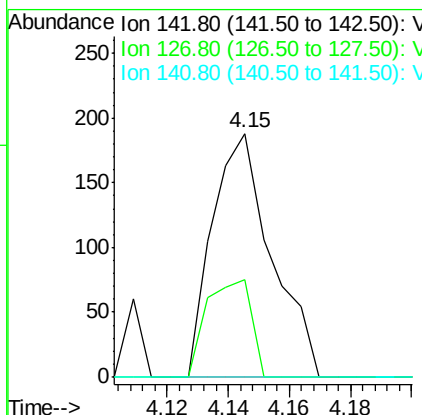
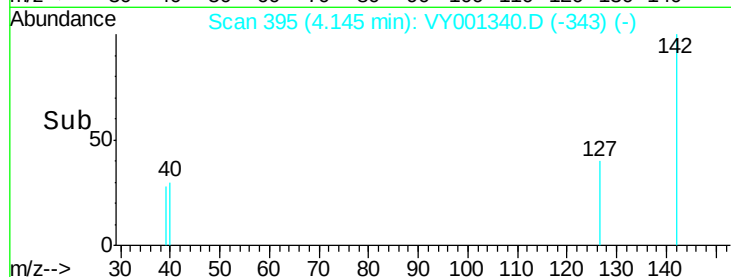
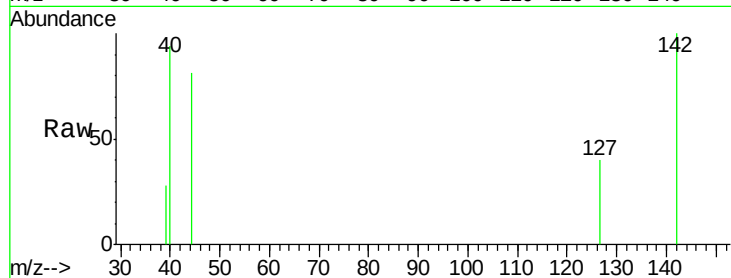




#10
Methvl Iodide
Concen: 5.489 ug/l
RT: 4.15 min Scan# 395
Delta R.T. 0.02 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

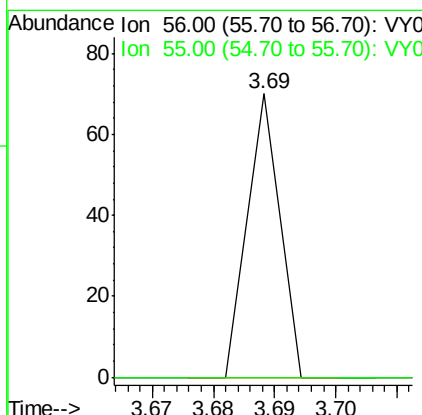
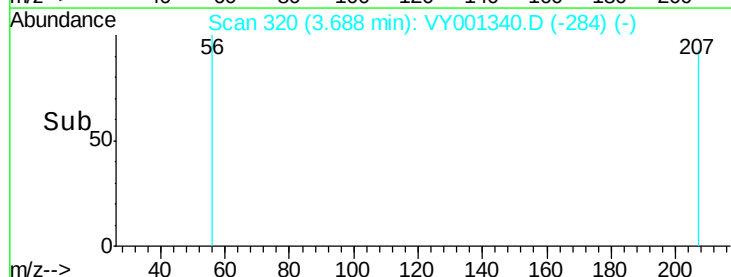
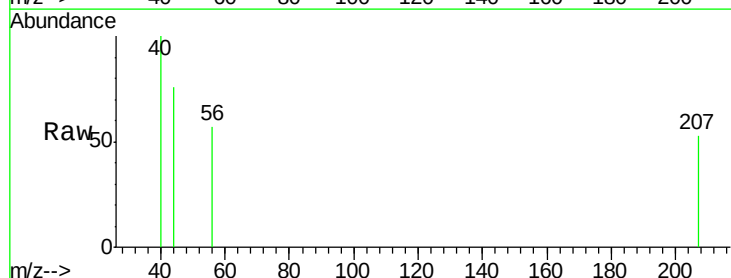
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200031

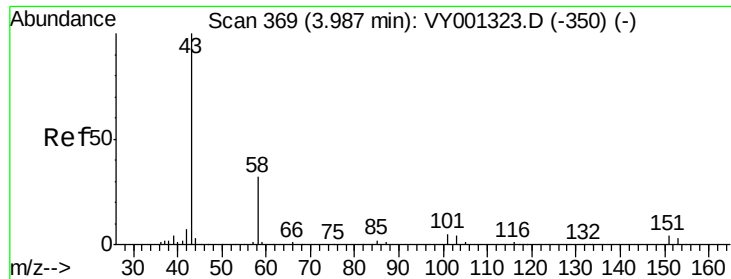
Tot Ion:142 Resp: 251
Ion Ratio Lower Upper
142 100
127 29.9 31.6 47.4#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: Below Cal
RT: 3.69 min Scan# 320
Delta R.T. -0.08 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 0.0 55.9 83.9#





#16

Acetone

Concen: 10.361 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

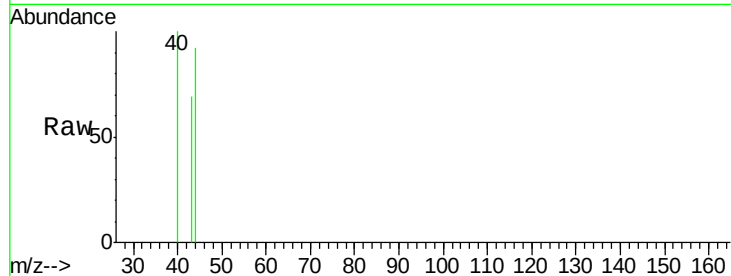
RBR-200031

Tot Ion: 43 Resp: 173

Ion Ratio Lower Upper

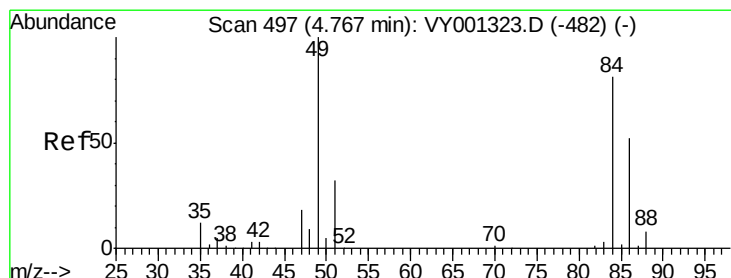
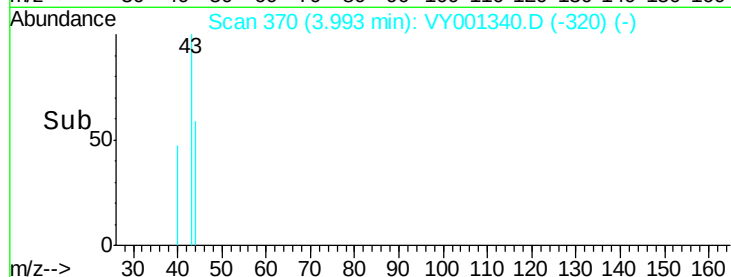
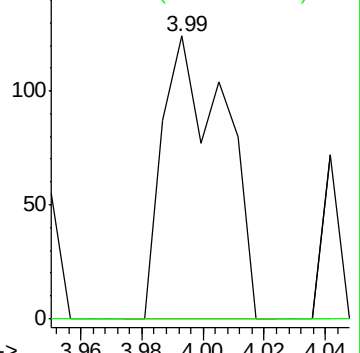
43 100

58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Tgt Ion: 84 Resp: 149

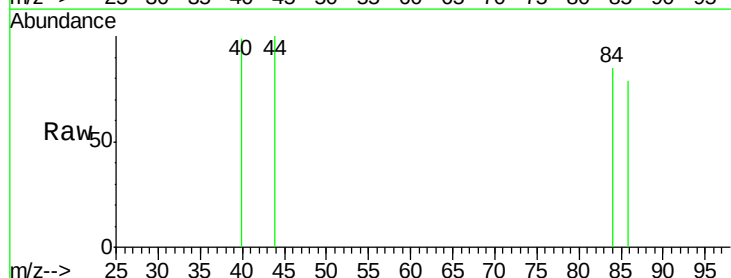
Ion Ratio Lower Upper

84 100

49 0.0 98.3 147.5#

51 0.0 31.6 47.4#

86 92.9 51.1 76.7#

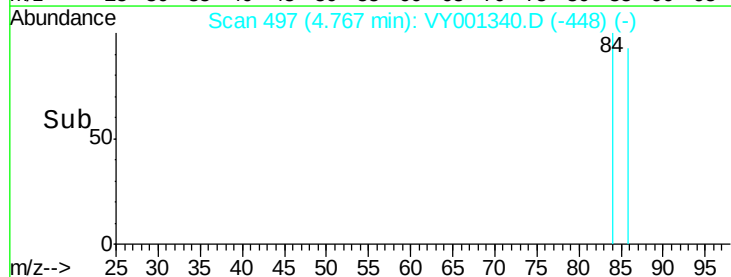
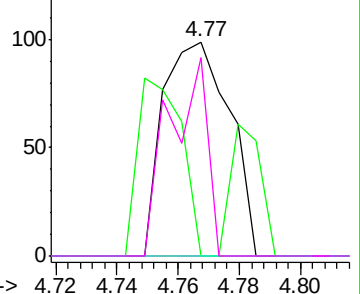


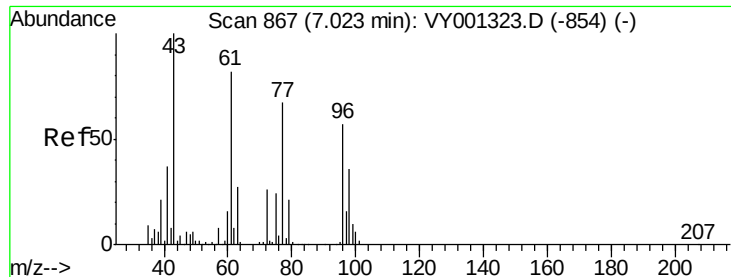
Abundance Ion 83.90 (83.60 to 84.60): VY0

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: 2.775 ug/l

RT: 6.80 min Scan# 831

Delta R.T. -0.22 min

Lab File: VY001340.D

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ClientSampleId :

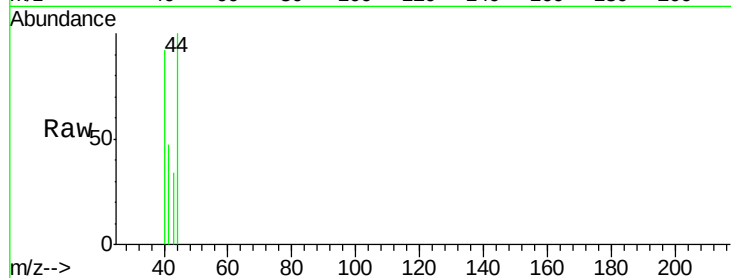
RBR-200031

Tot Ion: 43 Resp: 45

Ion Ratio Lower Upper

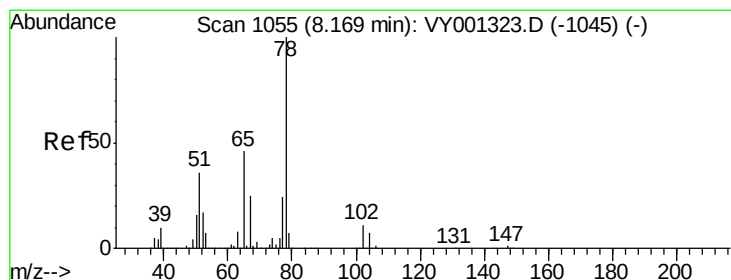
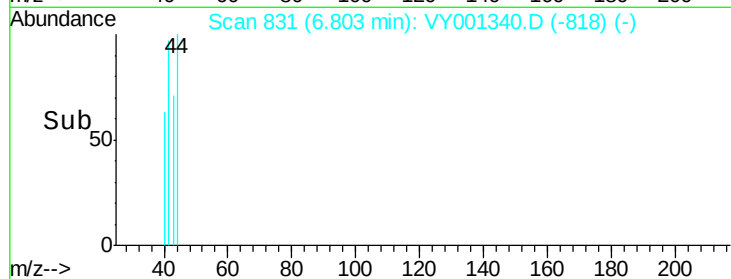
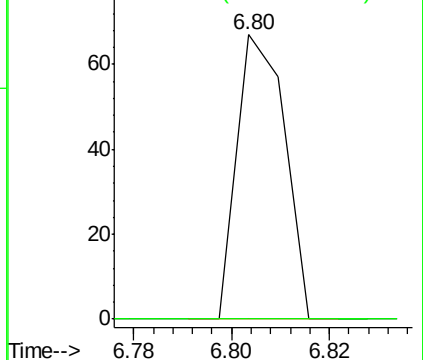
43 100

72 0.0 20.6 31.0#



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: 84.868 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001340.D

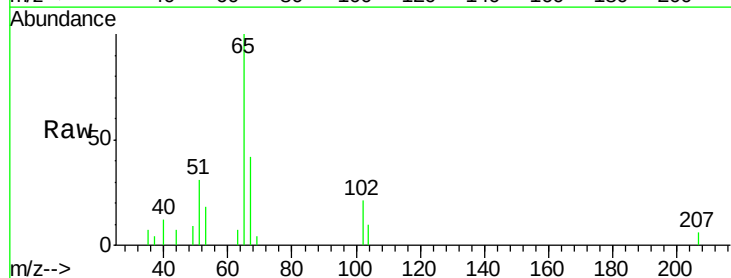
Acq: 22 Jan 2020 18:43

Tgt Ion: 65 Resp: 3162

Ion Ratio Lower Upper

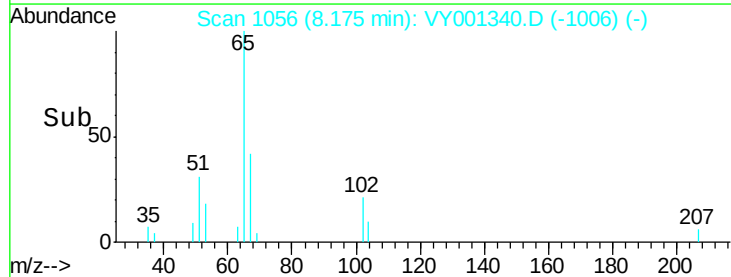
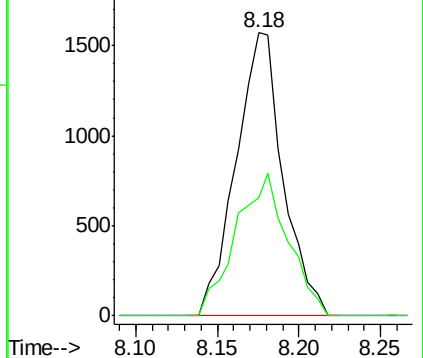
65 100

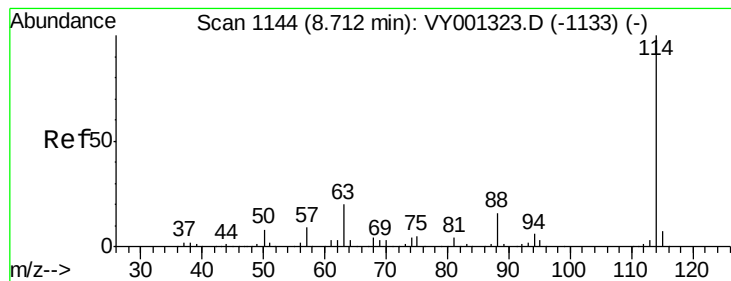
67 55.6 0.0 108.6



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: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001340.D

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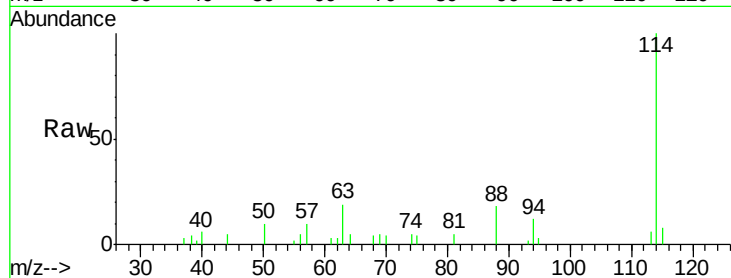
Tot Ion:114 Resp: 6950

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

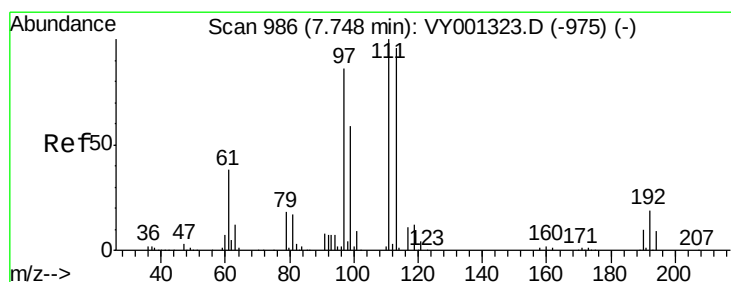
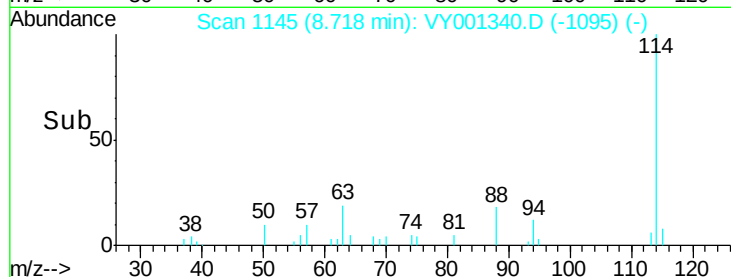
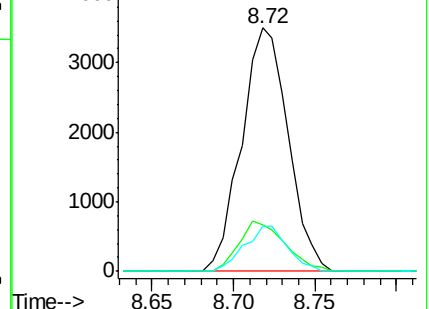
88 18.3 0.0 31.0



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: 47.903 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

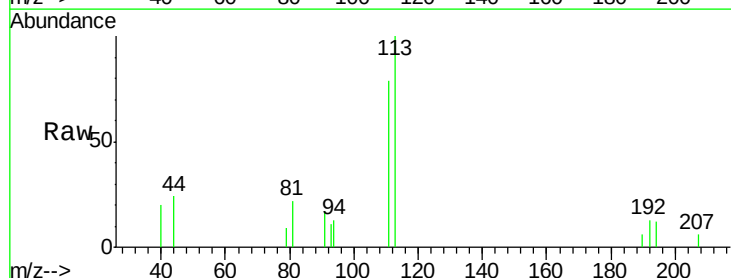
Tgt Ion:113 Resp: 1954

Ion Ratio Lower Upper

113 100

111 108.1 82.8 124.2

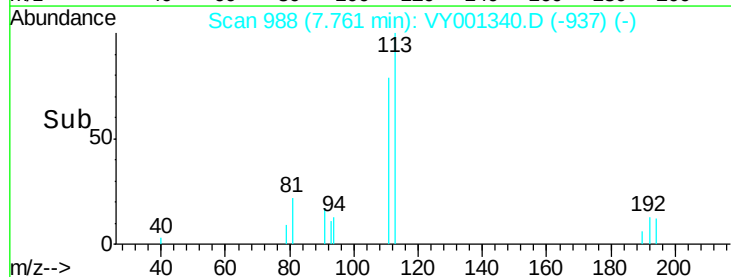
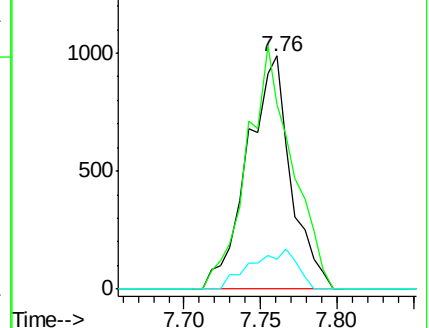
192 17.9 15.5 23.3

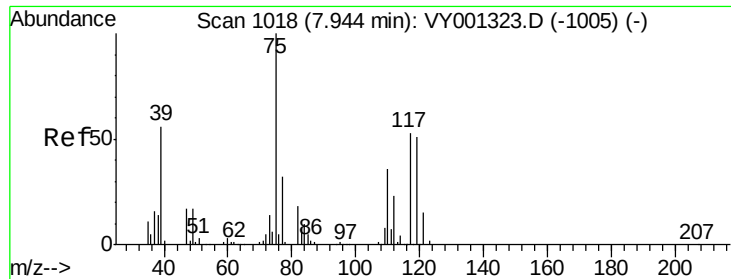


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

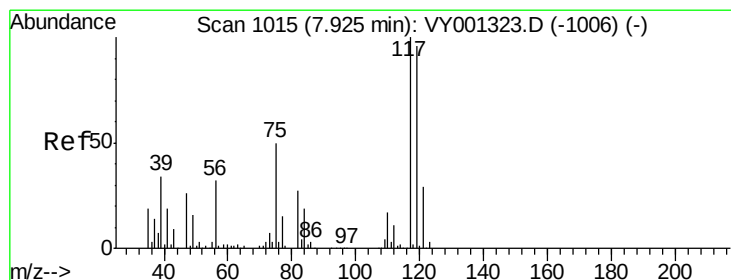
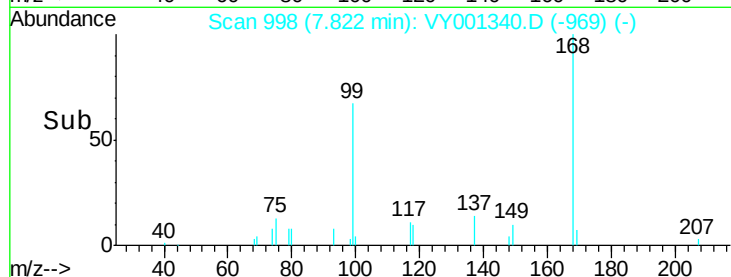
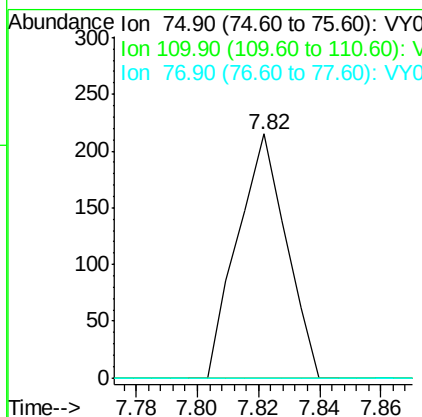
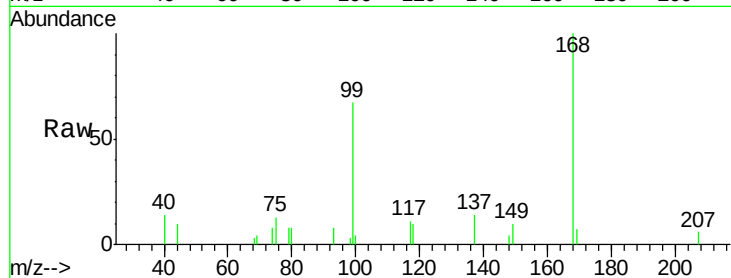




#36
 1,1-Dichloropropene
 Concen: 3.609 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

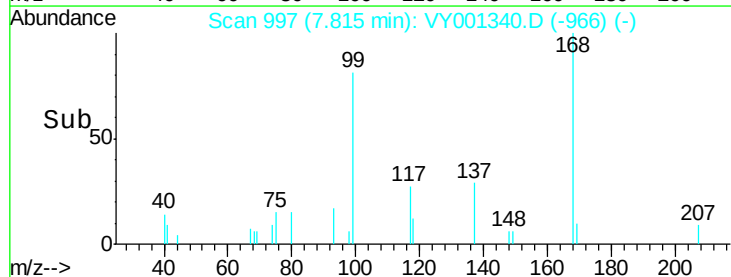
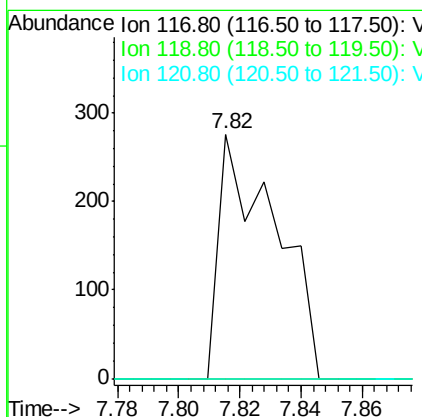
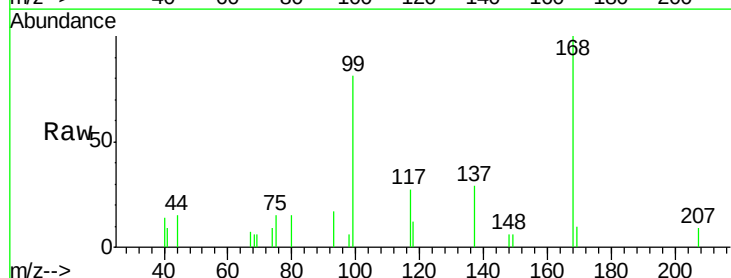
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200031

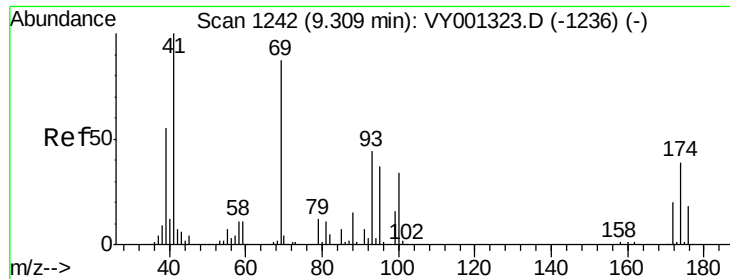
Tot Ion: 75 Resp: 237
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.6 52.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.084 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

Tgt Ion: 117 Resp: 356
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.3 114.5#
 121 0.0 23.5 35.3#

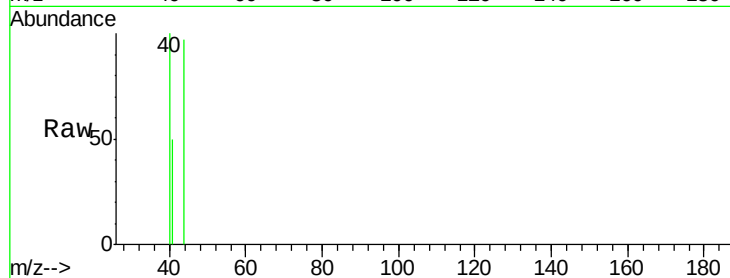




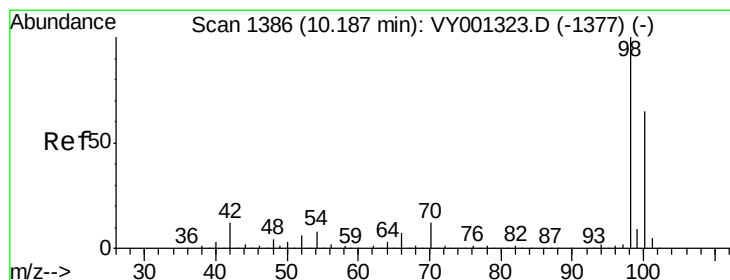
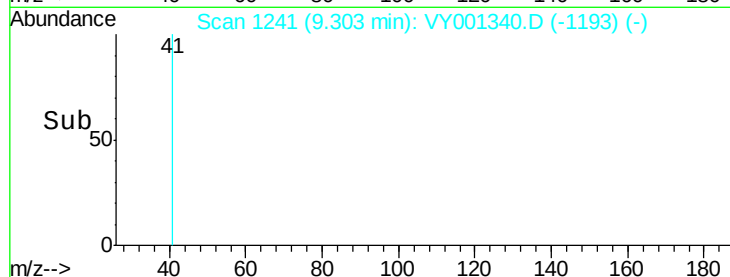
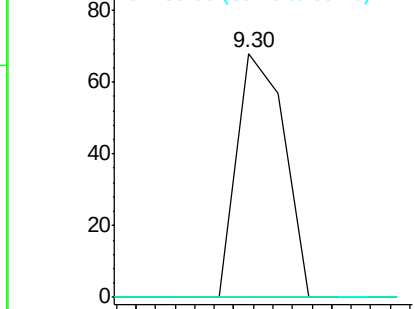
#48
Methvl methacrylate
Concen: 1.297 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200031

Tot Ion: 41 Resp: 46
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 0.0 45.7 68.5#

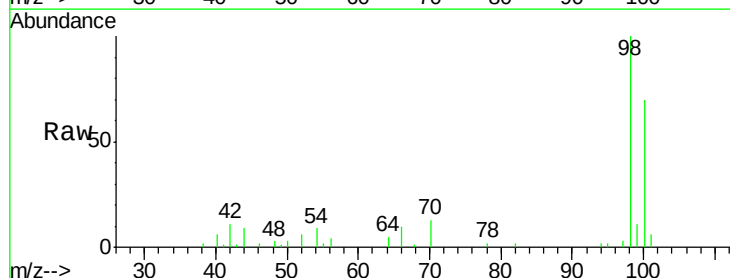


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

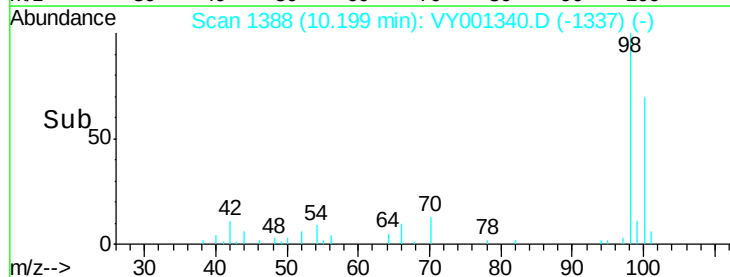
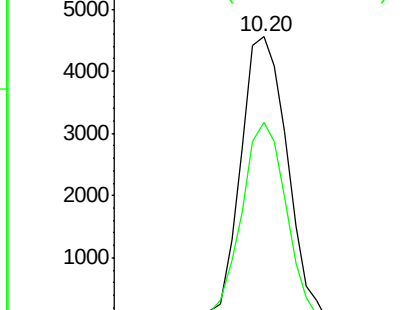


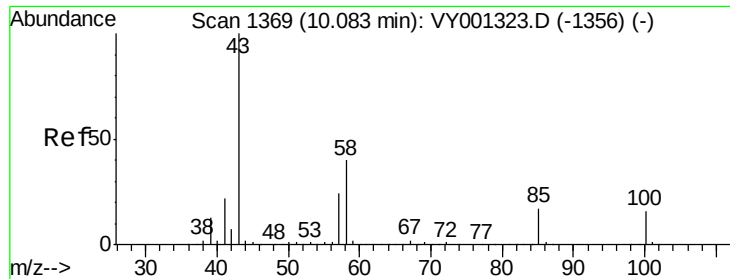
#50
Toluene-d8
Concen: 52.966 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 98 Resp: 8394
Ion Ratio Lower Upper
98 100
100 67.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 1.817 ug/l

RT: 10.11 min Scan# 1374

Delta R.T. 0.03 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampled :

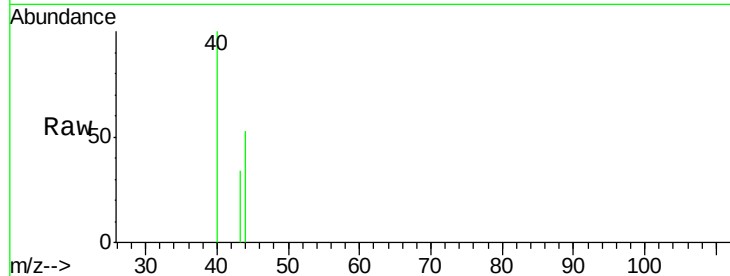
RBR-200031

Tot Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.11

80

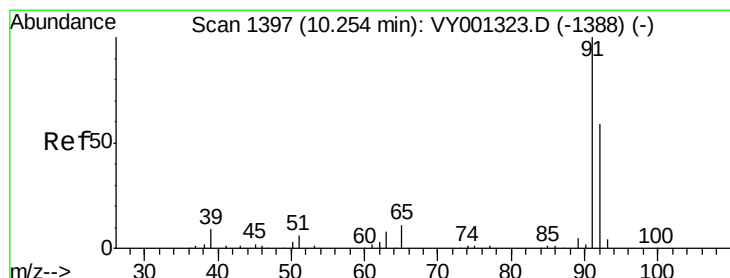
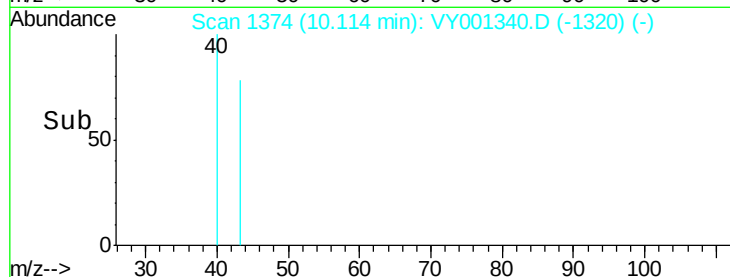
60

40

20

0

Time-->



#52

Toluene

Concen: 2.011 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY001340.D

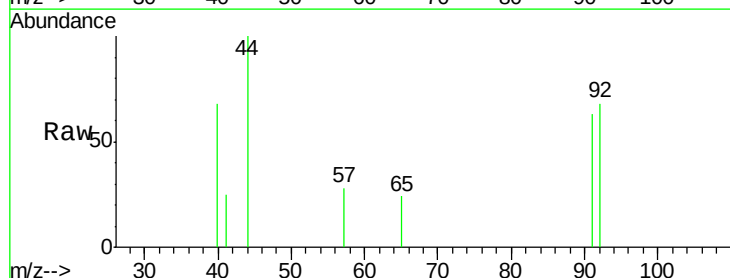
Acq: 22 Jan 2020 18:43

Tgt Ion: 92 Resp: 251

Ion Ratio Lower Upper

92 100

91 113.9 136.4 204.6#



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.27

300

250

200

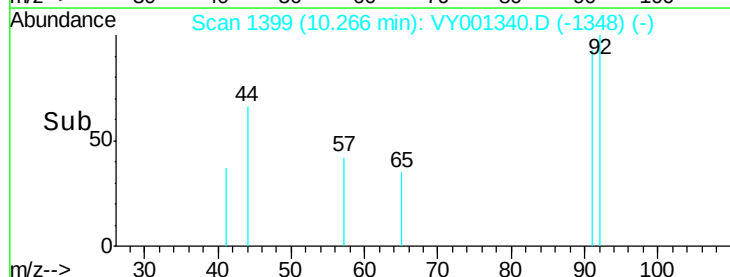
150

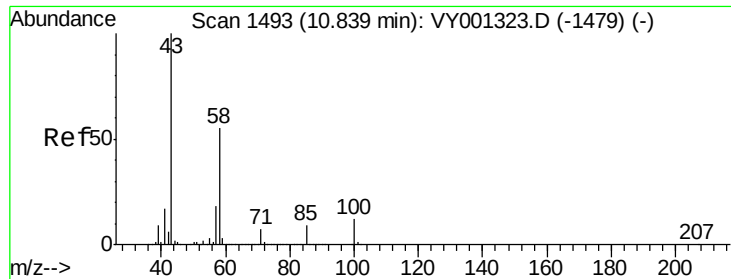
100

50

0

Time-->





#59

2-Hexanone

Concen: 2.002 ug/l

RT: 10.88 min Scan# 1499

Delta R.T. 0.04 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

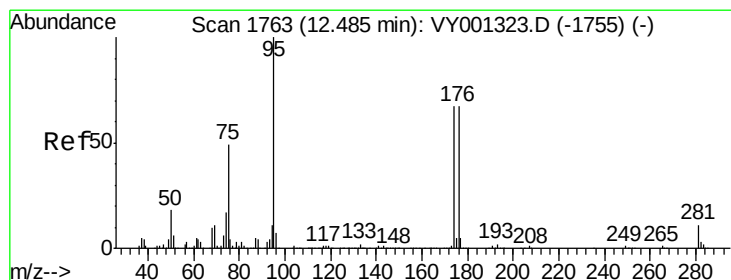
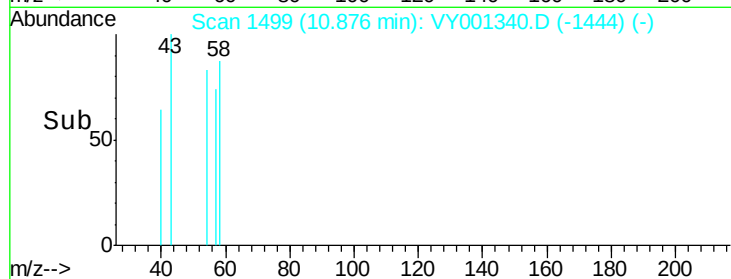
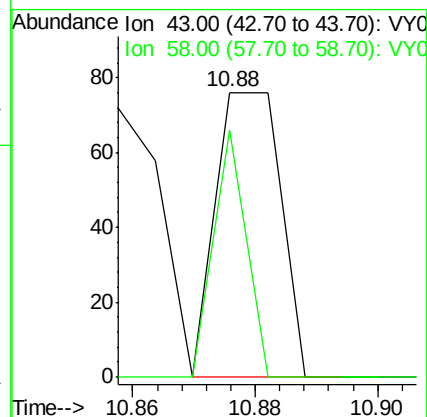
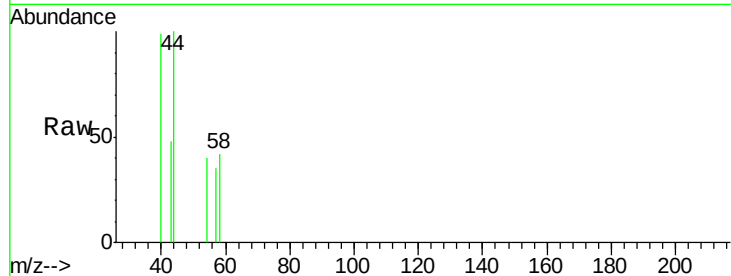
RBR-200031

Tot Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

58 42.9 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 57.850 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

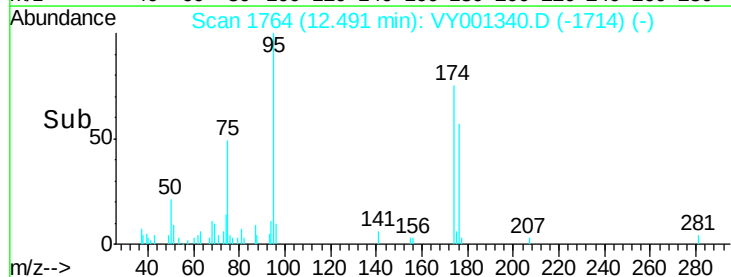
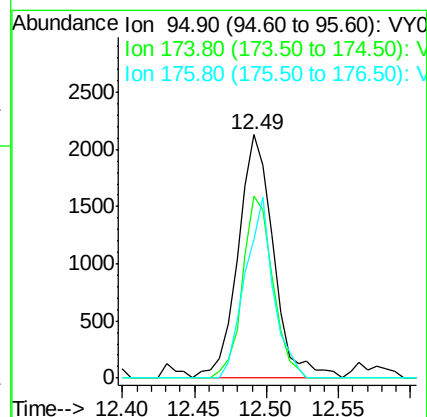
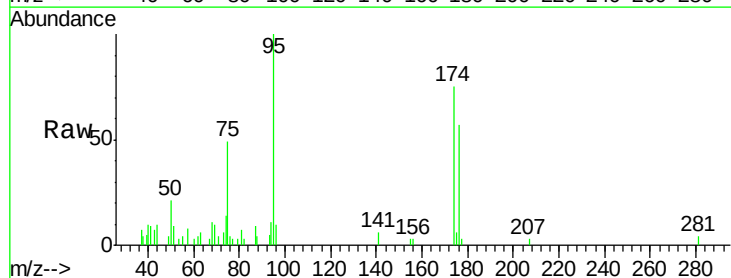
Tgt Ion: 95 Resp: 3651

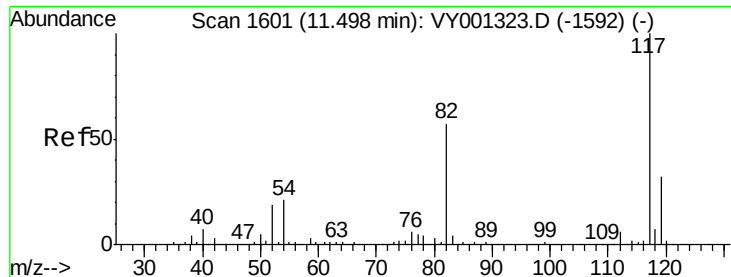
Ion Ratio Lower Upper

95 100

174 63.6 0.0 142.0

176 58.9 0.0 138.6

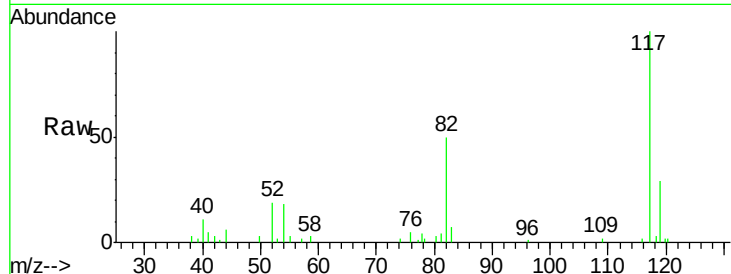




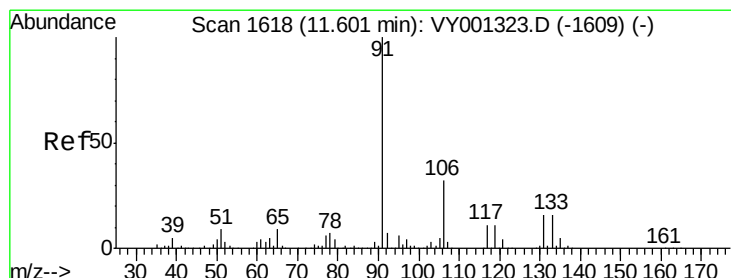
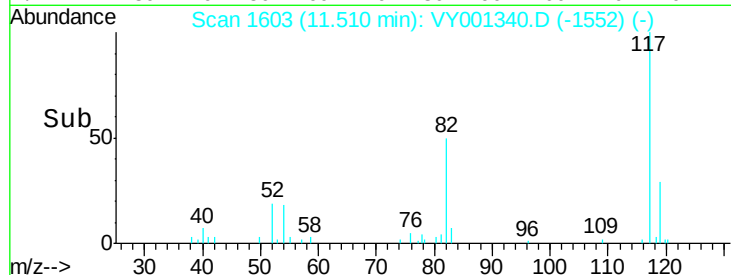
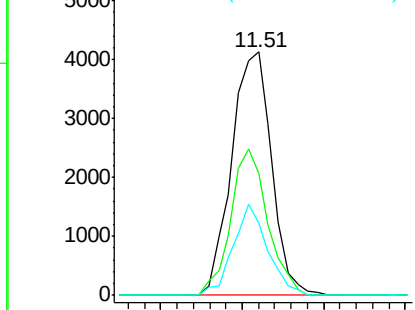
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Instrument :
MSVOA_Y
ClientSampled :
RBR-200031

Tot Ion:117 Resp: 7054
Ion Ratio Lower Upper
117 100
82 50.2 45.5 68.3
119 29.4 25.8 38.6

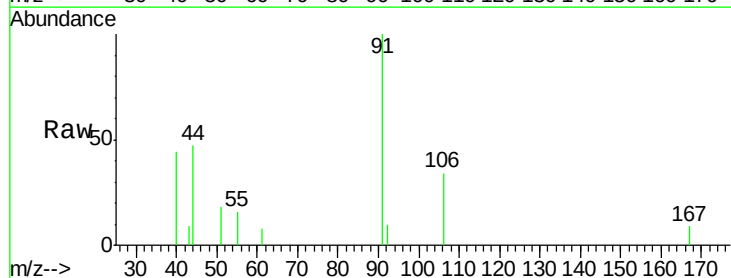


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

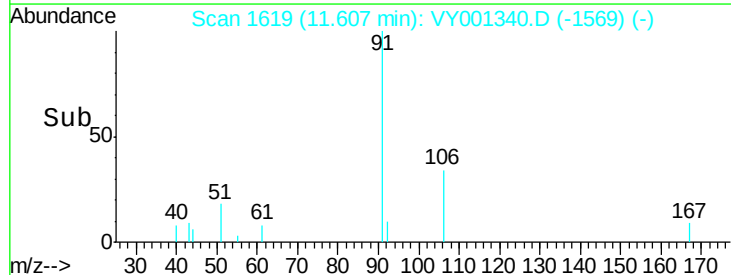
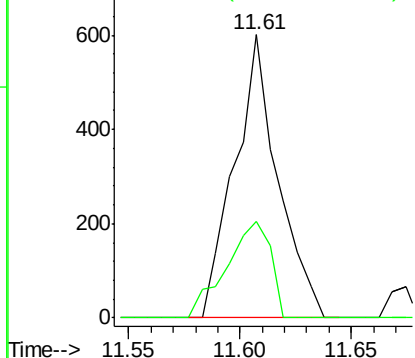


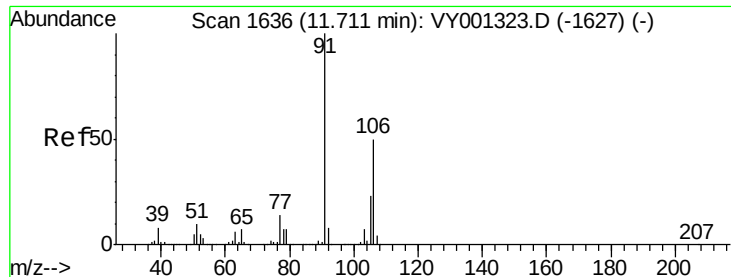
#67
Ethyl Benzene
Concen: 2.963 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 91 Resp: 812
Ion Ratio Lower Upper
91 100
106 34.1 25.4 38.0



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

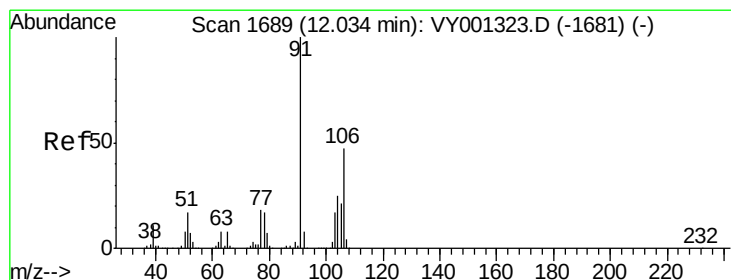
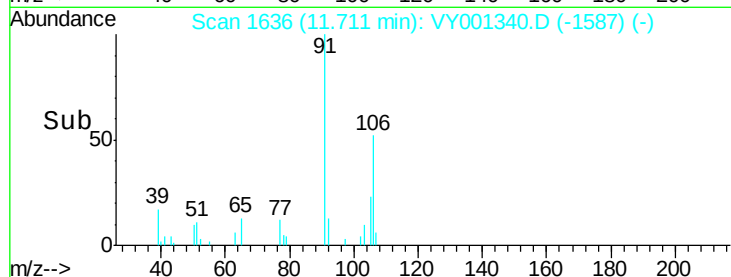
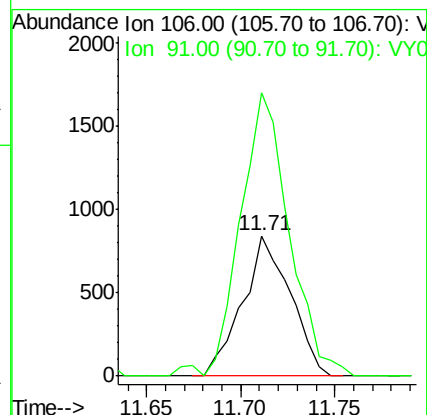
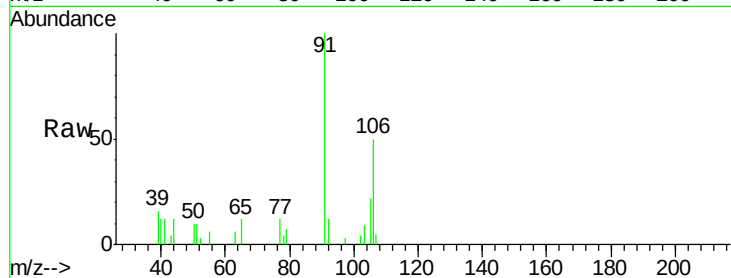




#68
m/p-Xylenes
Concen: 14.500 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

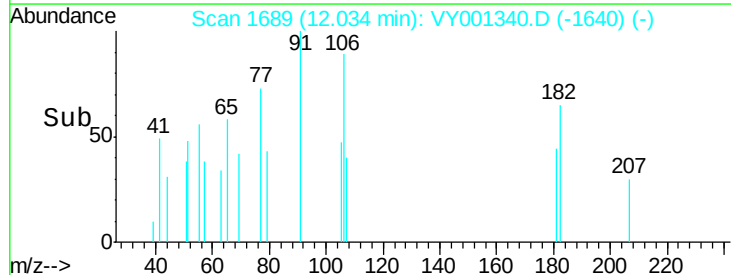
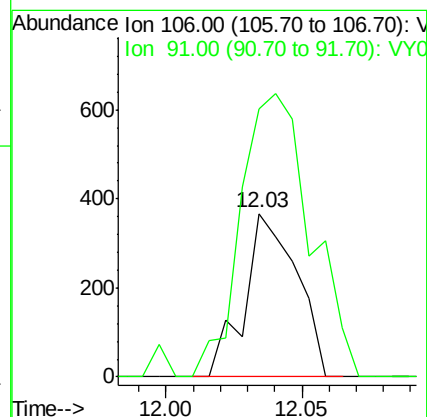
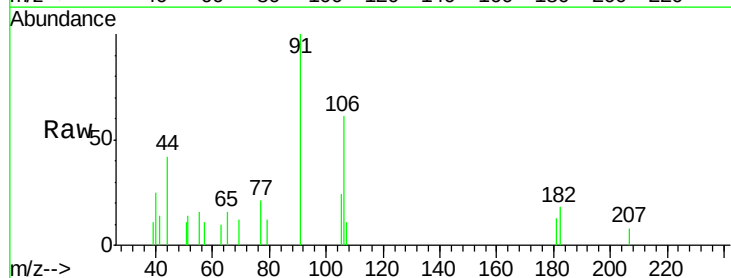
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200031

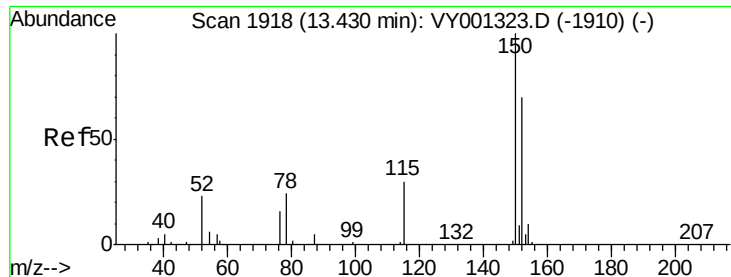
Tot Ion:106 Resp: 1484
Ion Ratio Lower Upper
106 100
91 206.1 162.8 244.2



#69
o-Xylene
Concen: 4.977 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion:106 Resp: 490
Ion Ratio Lower Upper
106 100
91 231.4 106.3 319.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200031

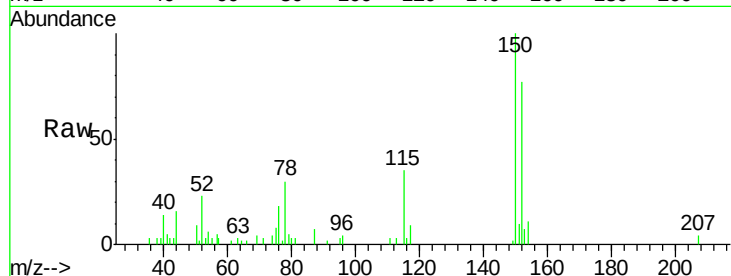
Tot Ion:152 Resp: 3194

Ion Ratio Lower Upper

152 100

115 57.4 30.9 92.8

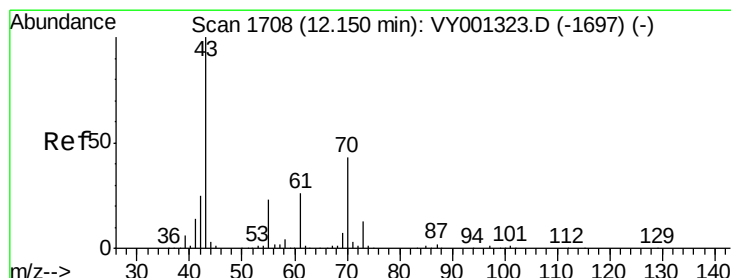
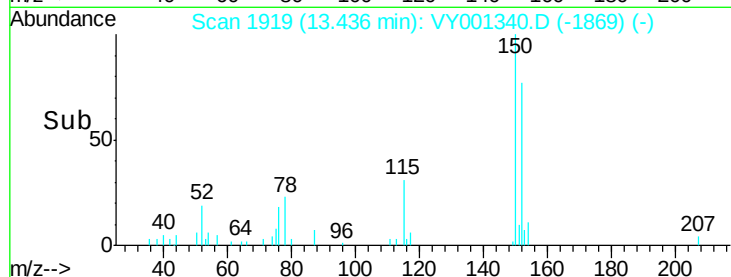
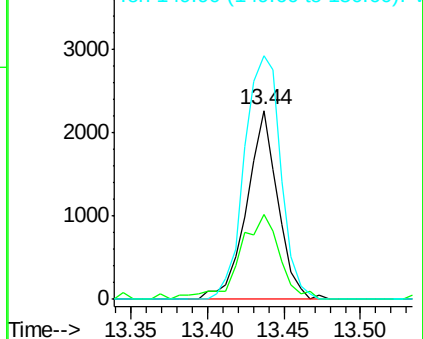
150 150.8 0.0 349.2



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



#74

N-amil acetate

Concen: 1.164 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Tgt Ion: 43 Resp: 96

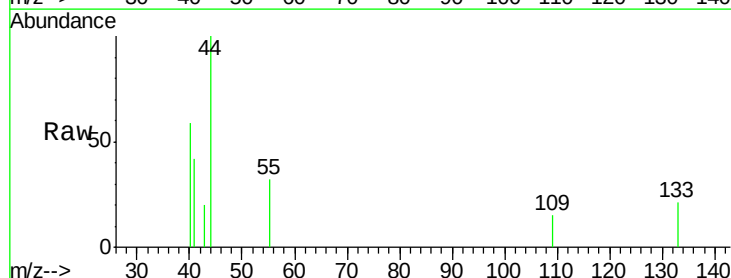
Ion Ratio Lower Upper

43 100

70 0.0 33.5 50.3#

55 289.6 18.2 27.2#

61 0.0 19.6 29.4#

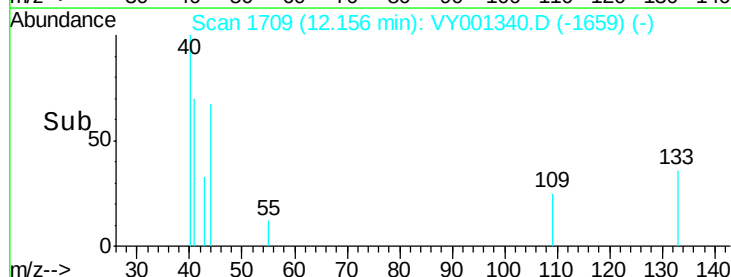
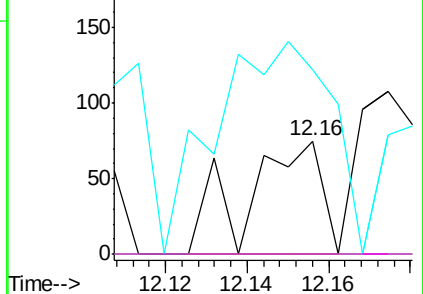


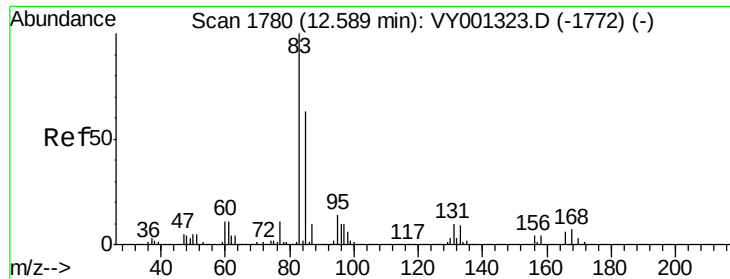
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.389 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200031

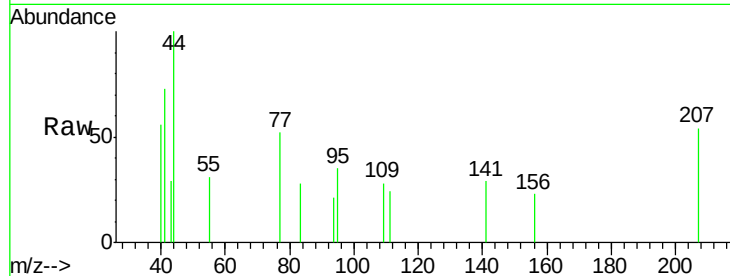
Tot Ion: 83 Resp: 75

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

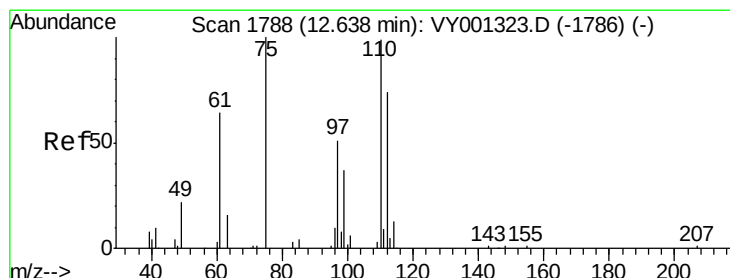
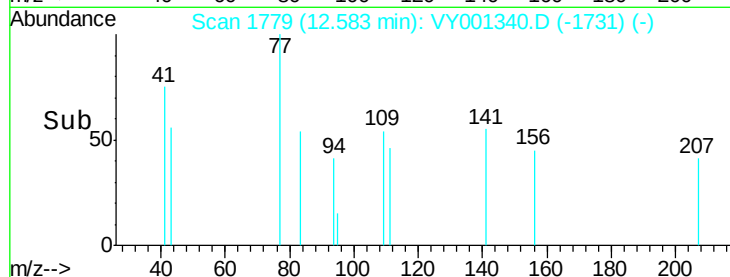
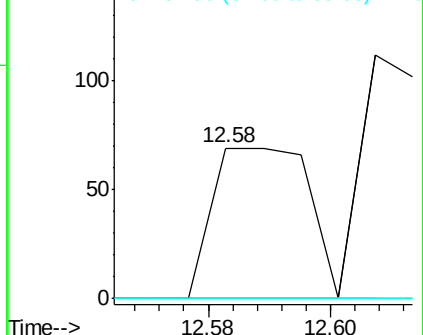
85 0.0 31.4 94.3#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 1.351 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.13 min

Lab File: VY001340.D

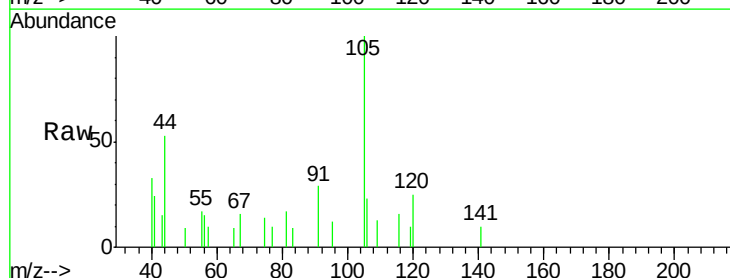
Acq: 22 Jan 2020 18:43

Tgt Ion: 75 Resp: 52

Ion Ratio Lower Upper

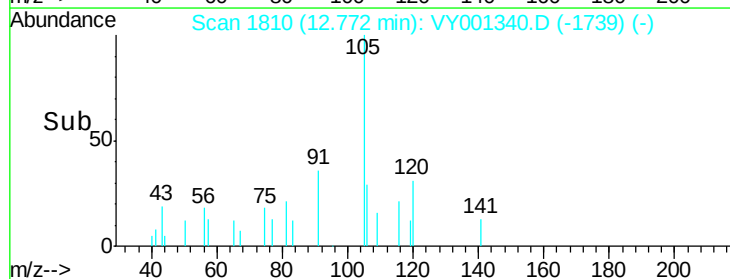
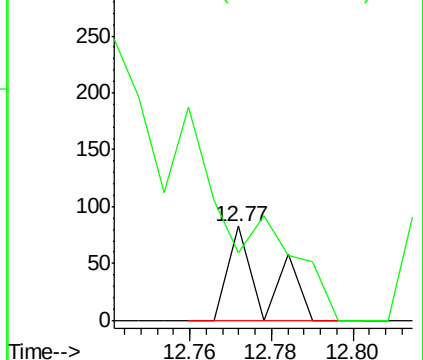
75 100

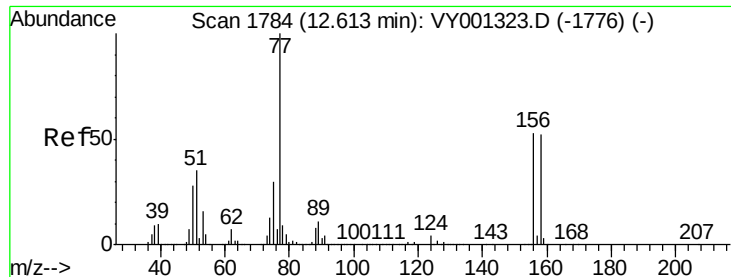
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 5.643 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. -0.02 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampled :

RBR-200031

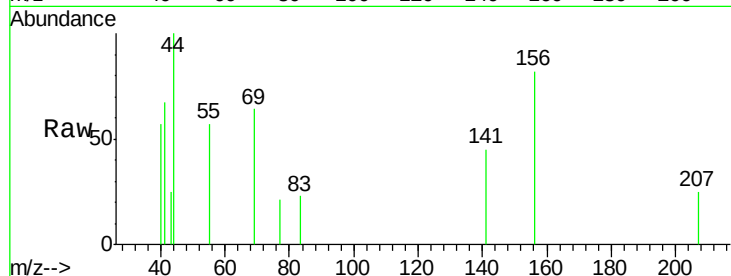
Tot Ion:156 Resp: 315

Ion Ratio Lower Upper

156 100

77 53.7 104.7 313.9#

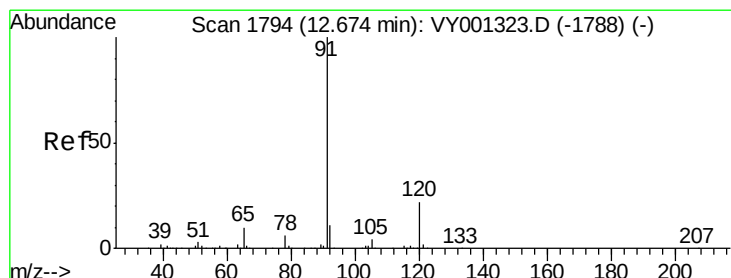
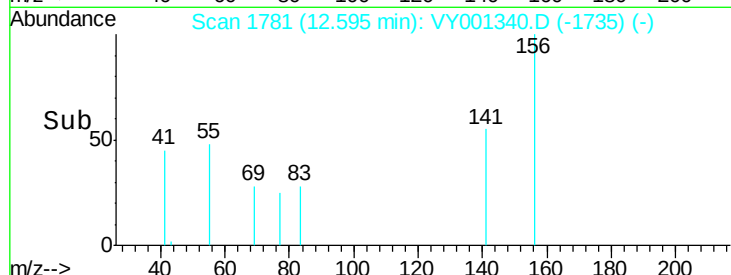
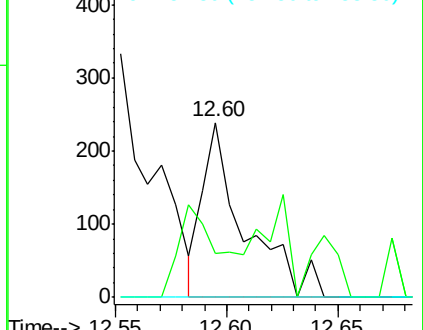
158 0.0 48.6 145.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 2.776 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001340.D

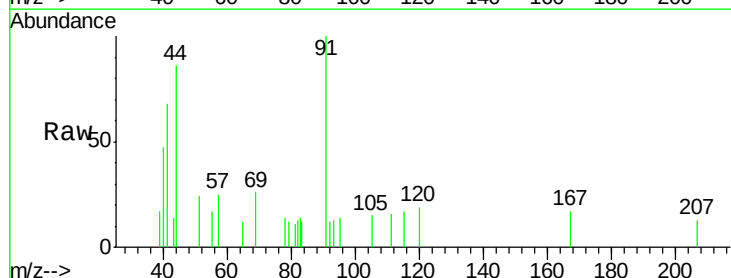
Acq: 22 Jan 2020 18:43

Tgt Ion: 91 Resp: 842

Ion Ratio Lower Upper

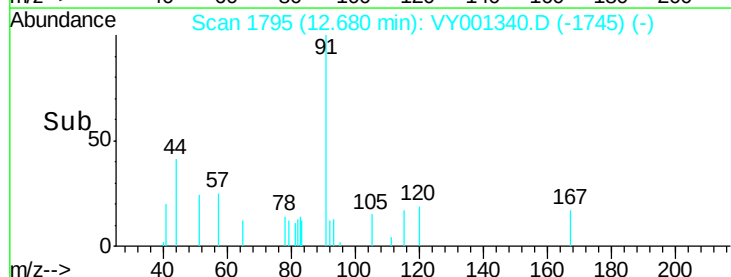
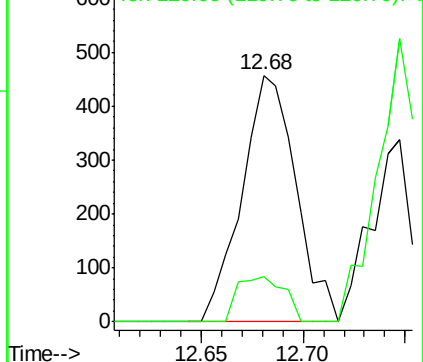
91 100

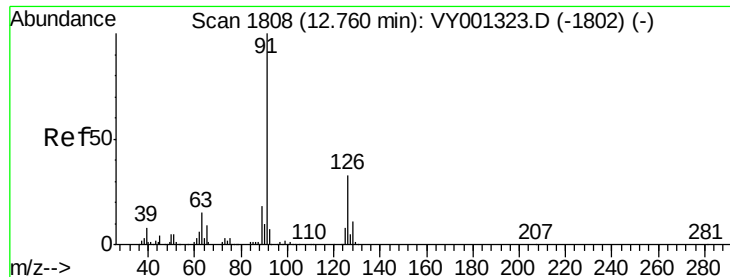
120 15.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

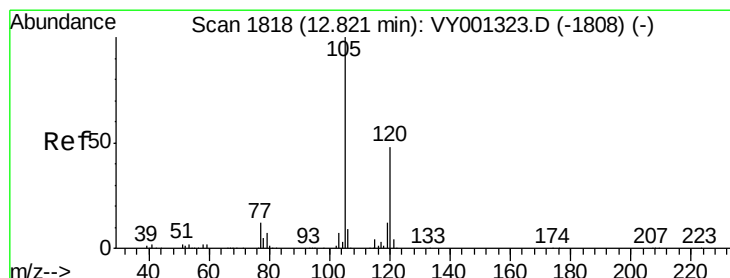
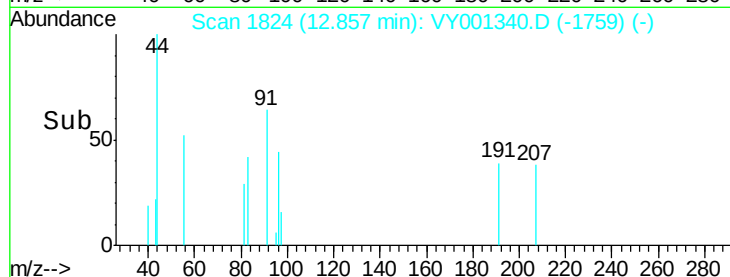
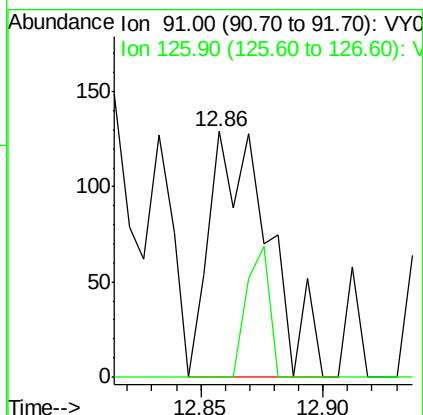
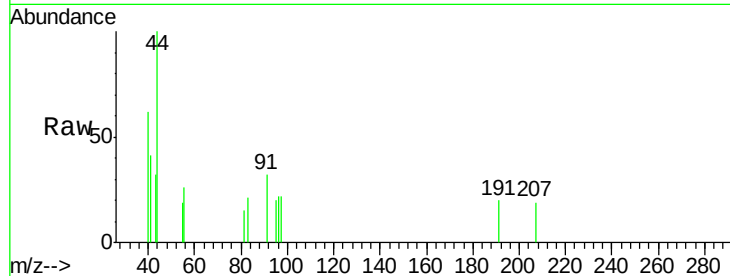




#79
 2-Chlorotoluene
 Concen: 1.258 ug/l
 RT: 12.86 min Scan# 1824
 Delta R.T. 0.10 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

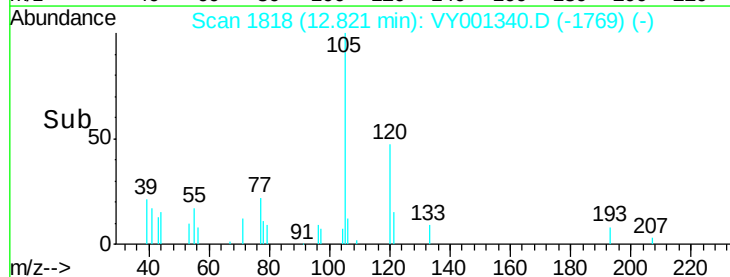
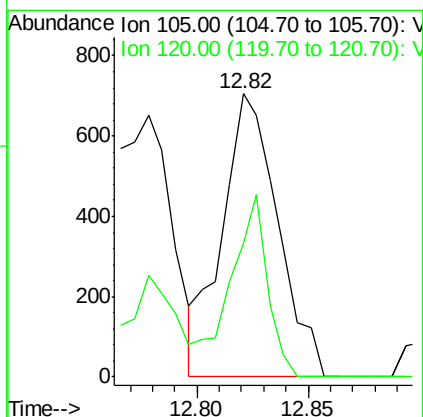
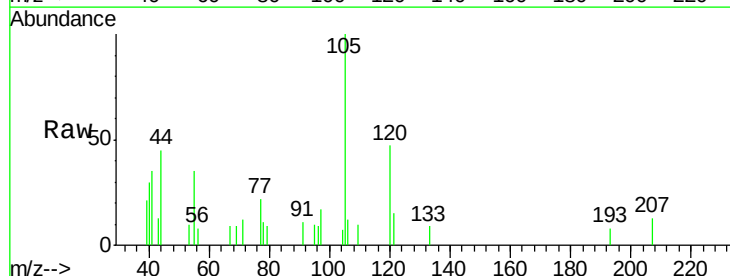
Instrument :
 MSVOA_Y
 ClientSampled :
 RBR-200031

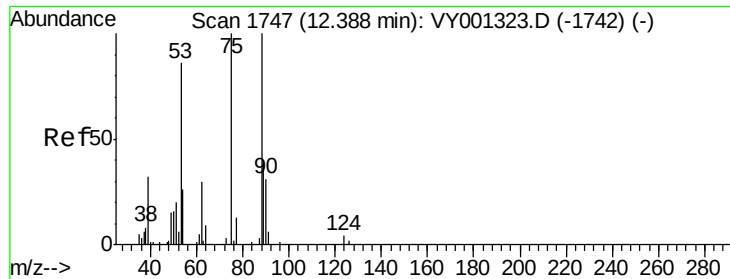
Tot Ion: 91 Resp: 218
 Ion Ratio Lower Upper
 91 100
 126 20.2 16.6 49.7



#80
 1,3,5-Trimethylbenzene
 Concen: 5.847 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001340.D
 Acq: 22 Jan 2020 18:43

Tgt Ion: 105 Resp: 1230
 Ion Ratio Lower Upper
 105 100
 120 40.3 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 80.587 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampled :

RBR-200031

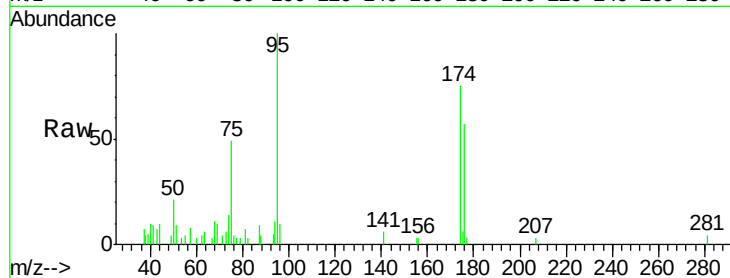
Tot Ion: 75 Resp: 1639

Ion Ratio Lower Upper

75 100

53 1.5 69.9 104.9#

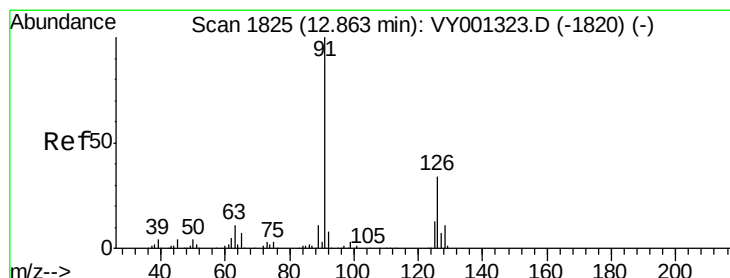
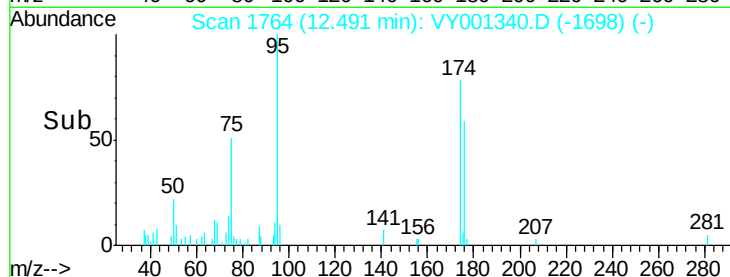
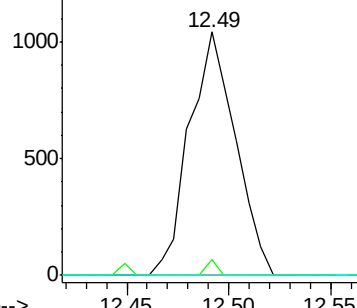
89 0.0 36.6 54.8#



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: 1.178 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VY001340.D

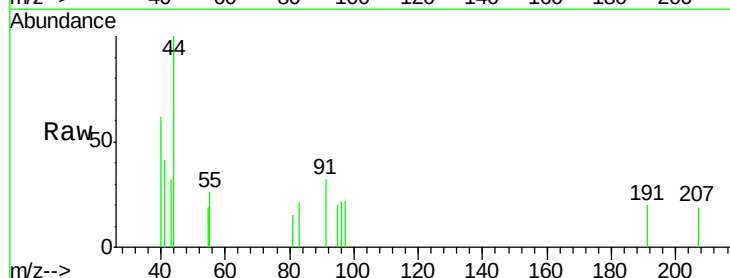
Acq: 22 Jan 2020 18:43

Tgt Ion: 91 Resp: 218

Ion Ratio Lower Upper

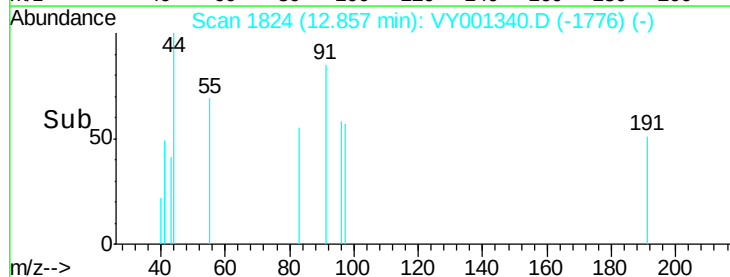
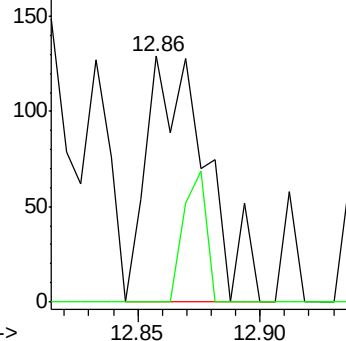
91 100

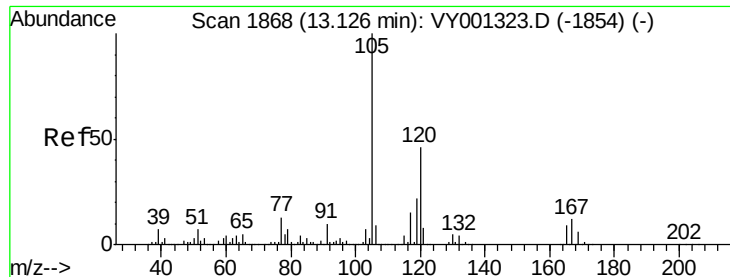
126 20.2 16.4 49.4



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: 22.901 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

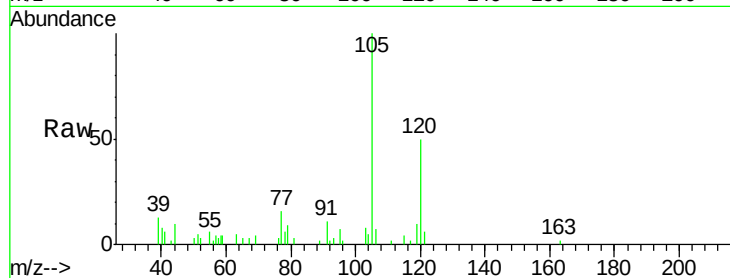
RBR-200031

Tot Ion:105 Resp: 4837

Ion Ratio Lower Upper

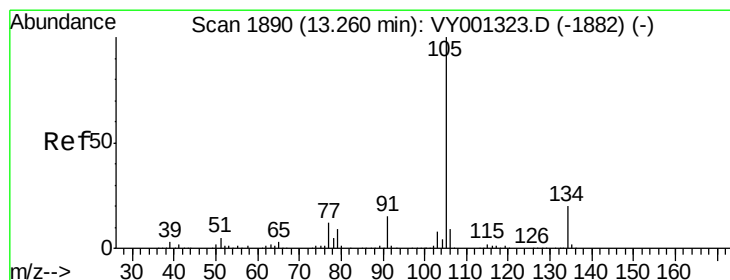
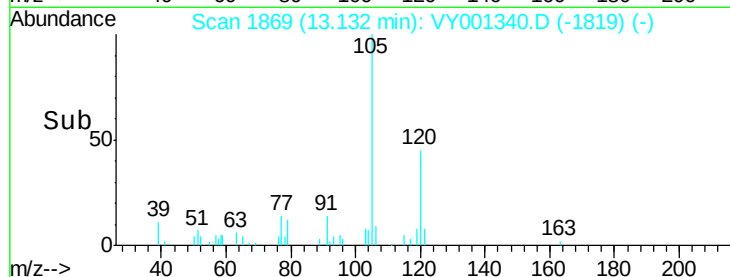
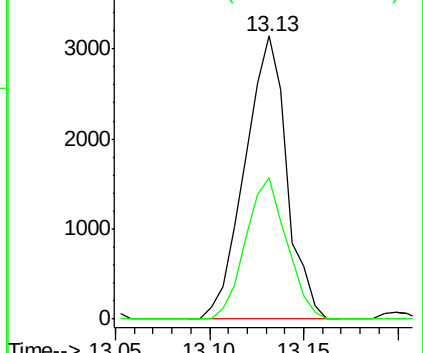
105 100

120 48.8 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 19.198 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. -0.13 min

Lab File: VY001340.D

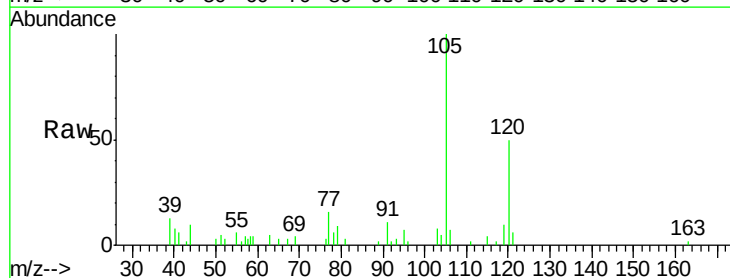
Acq: 22 Jan 2020 18:43

Tgt Ion:105 Resp: 4837

Ion Ratio Lower Upper

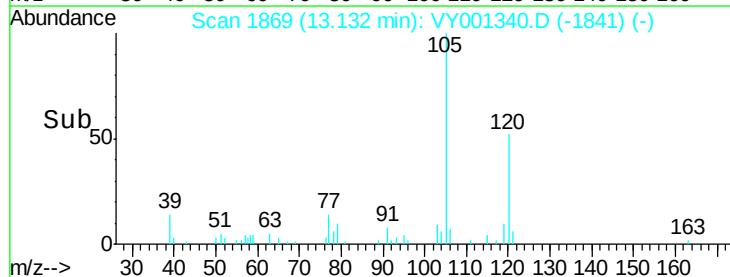
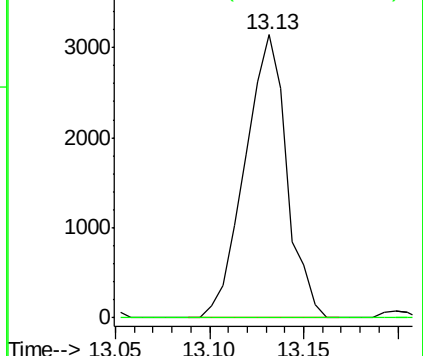
105 100

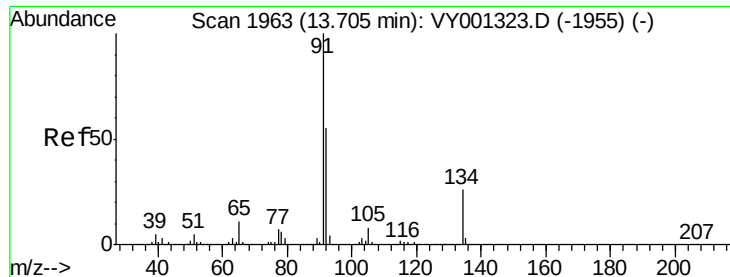
134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

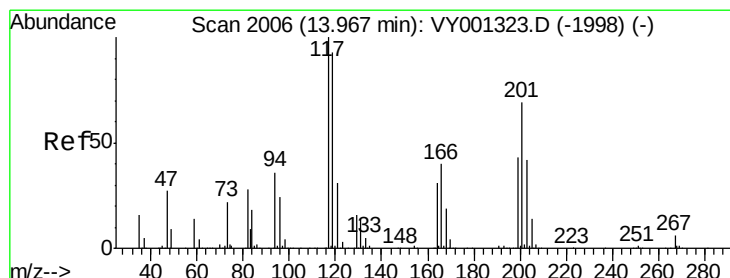
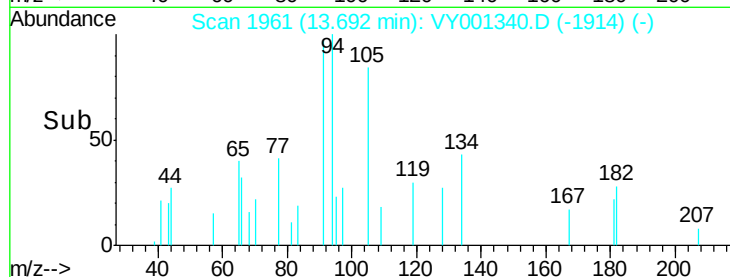
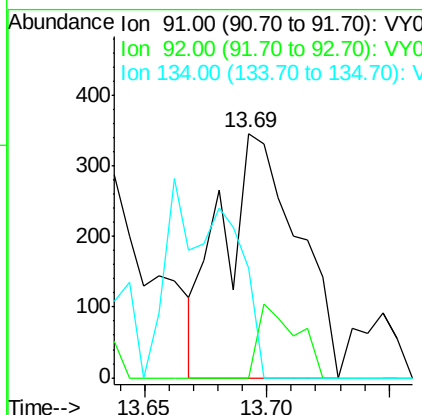
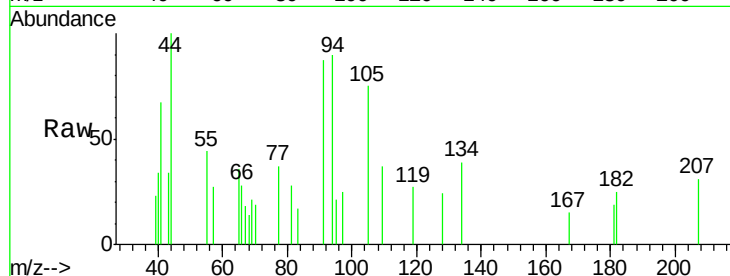




#89
n-Butylbenzene
Concen: 3.321 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

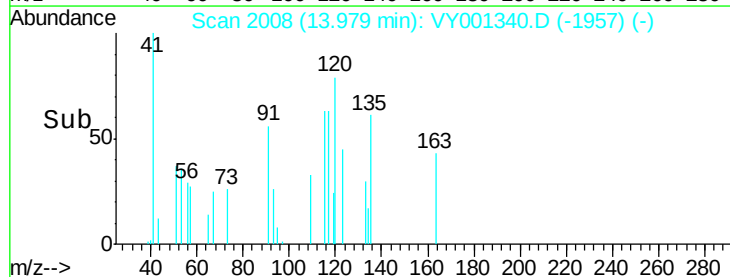
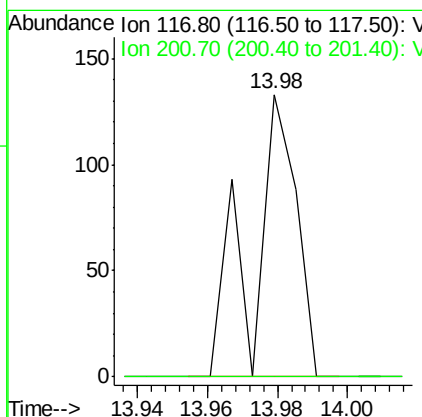
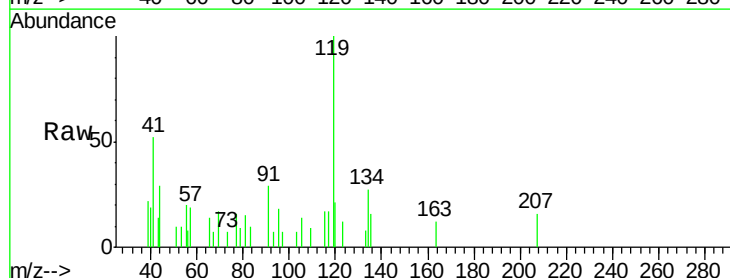
Instrument :
MSVOA_Y
ClientSampled :
RBR-200031

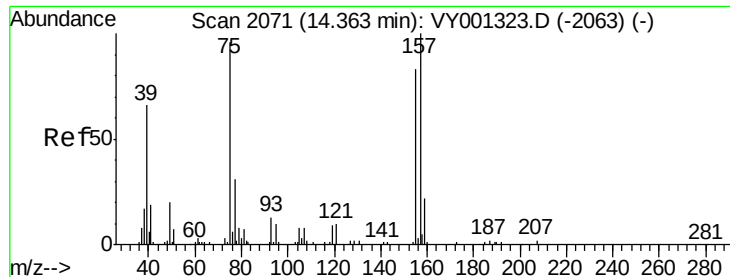
Tot Ion: 91 Resp: 742
Ion Ratio Lower Upper
91 100
92 15.8 27.6 82.8#
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 2.732 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001340.D
Acq: 22 Jan 2020 18:43

Tgt Ion: 117 Resp: 115
Ion Ratio Lower Upper
117 100
201 0.0 34.6 103.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.930 ug/l

RT: 14.59 min Scan# 2109

Delta R.T. 0.23 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200031

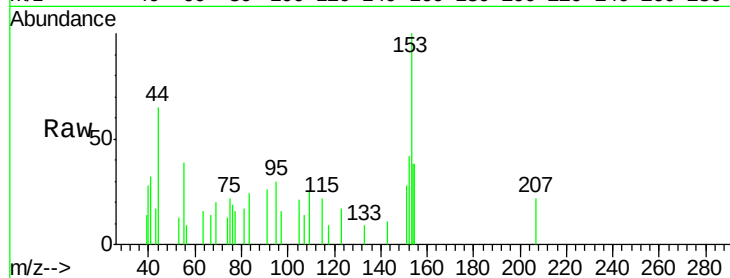
Tot Ion: 75 Resp: 167

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.2#

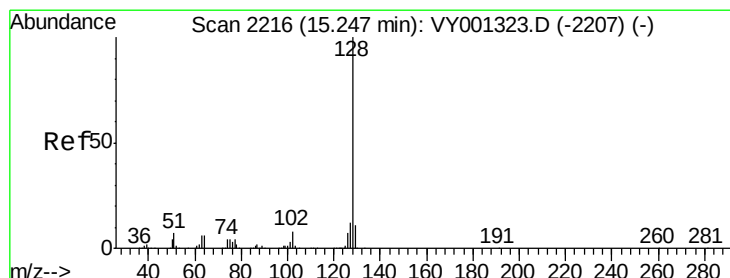
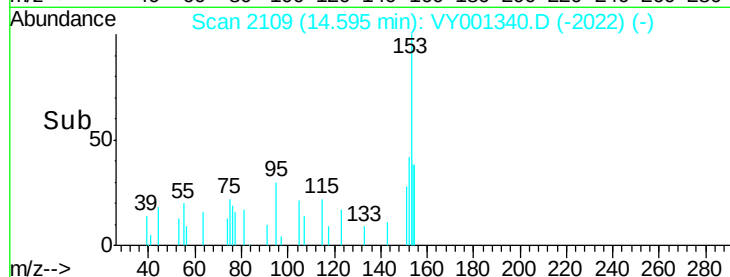
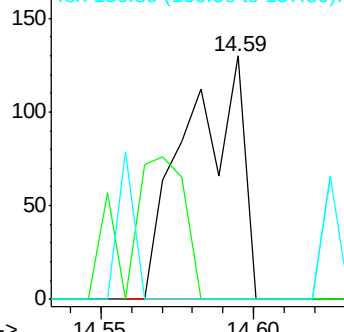
157 0.0 53.3 160.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001340.D (-2022) (-)

Ion 154.80 (154.50 to 155.50): VY001340.D (-2022) (-)

Ion 156.80 (156.50 to 157.50): VY001340.D (-2022) (-)



#95

Naphthalene

Concen: 13.019 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001340.D

Acq: 22 Jan 2020 18:43

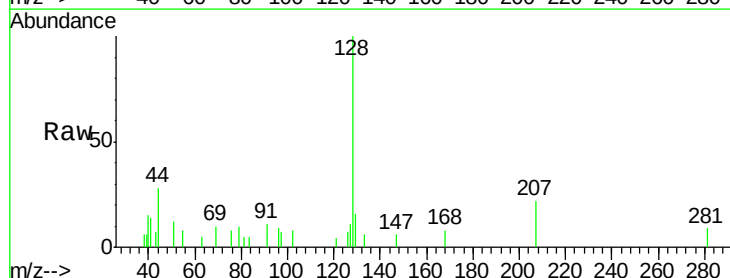
Tgt Ion: 128 Resp: 1981

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): VY001340.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VY001340.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VY001340.D (-2167) (-)

