

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003030.D
 Acq On : 30 Jun 2020 12:28
 Operator : SY/MD
 Sample : L3128-01RE
 Misc : 4.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-61RE

Quant Time: Jul 01 05:09:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	342827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	544232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	438180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147373	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	178009	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
35) Dibromofluoromethane	7.72	113	177160	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	
50) Toluene-d8	10.18	98	632537	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.48	95	168831	37.92	ug/l	0.00
Spiked Amount			Recovery	=	75.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	758	2.184	ug/l #	73
13) Acrolein	3.72	56	363	1.165	ug/l #	14
16) Acetone	3.96	43	74037	92.194	ug/l	96
17) Carbon Disulfide	4.20	76	27683	2.914	ug/l	98
20) Methylene Chloride	4.72	84	73343	15.682	ug/l	86
25) 2-Butanone	7.00	43	24506	19.211	ug/l	94
31) Cyclohexane	7.79	56	7815	1.305	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	24102	4.598	ug/l #	50
37) Ethyl Acetate	7.00	43	24506	7.775	ug/l #	71
38) Carbon Tetrachloride	7.79	117	31331	5.744	ug/l #	16
65) Chlorobenzene	11.52	112	387867	44.892	ug/l	99
68) m/p-Xylenes	11.70	106	7656	1.301	ug/l	93
74) N-amyl acetate	12.12	43	25656	8.171	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.56	83	5539	2.846	ug/l #	41
76) 1,2,3-Trichloropropane	12.48	75	85075	58.329	ug/l #	100
79) 2-Chlorotoluene	12.75	91	44217	6.829	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	9739	1.203	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.48	75	85075	113.484	ug/l #	12
82) 4-Chlorotoluene	12.86	91	69760	10.349	ug/l	98
83) tert-Butylbenzene	13.08	119	7593	1.068	ug/l	88
84) 1,2,4-Trimethylbenzene	13.12	105	15607	1.914	ug/l	99
85) sec-Butylbenzene	13.25	105	31261	3.191	ug/l #	67
86) p-Isopropyltoluene	13.37	119	11221	1.236	ug/l	95
87) 1,3-Dichlorobenzene	13.45	146	170077	36.838	ug/l	96
88) 1,4-Dichlorobenzene	13.45	146	170077	37.358	ug/l	96
89) n-Butylbenzene	13.70	91	33911	3.905	ug/l #	87
90) Hexachloroethane	13.97	117	14122	7.835	ug/l #	12
91) 1,2-Dichlorobenzene	13.74	146	8654	2.089	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.36	75	542	1.573	ug/l	82
93) 1,2,4-Trichlorobenzene	15.01	180	10296	3.345	ug/l #	31
94) Hexachlorobutadiene	15.11	225	3362	1.732	ug/l	94
95) Naphthalene	15.23	128	33452	5.950	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.42	180	9410	3.521	ug/l #	44

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QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

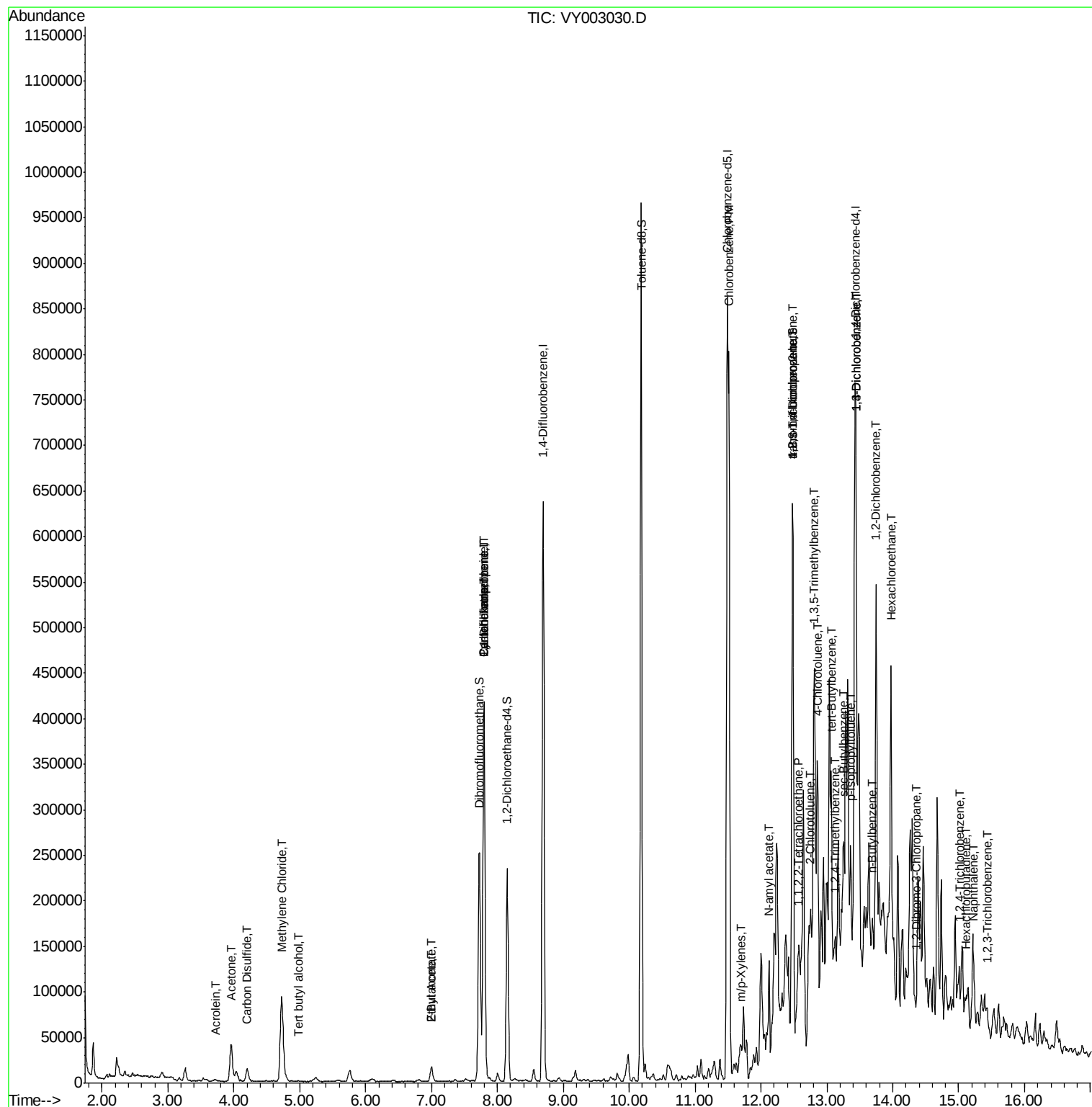
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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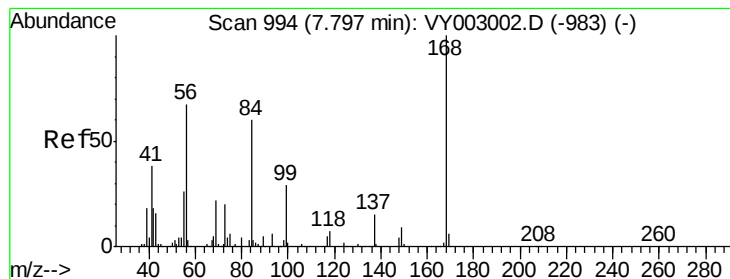
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003030.D
Acq On : 30 Jun 2020 12:28
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

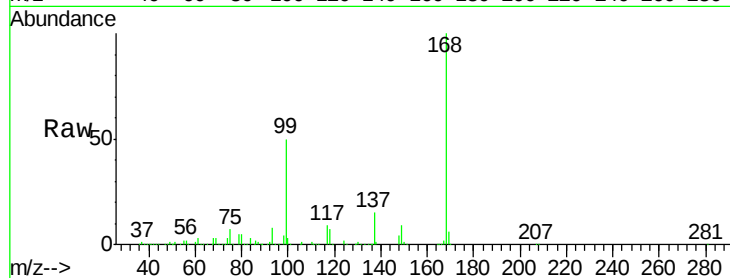
RBR-61RE

Tot Ion:168 Resp: 342827

Ion Ratio Lower Upper

168 100

99 50.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

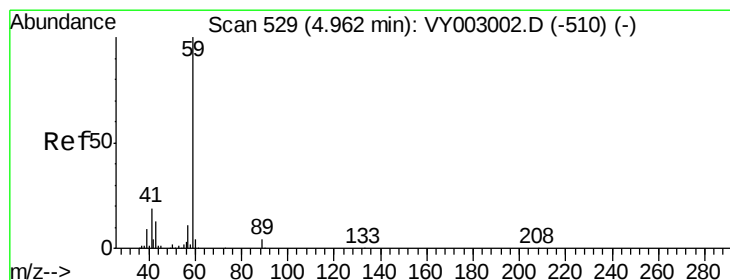
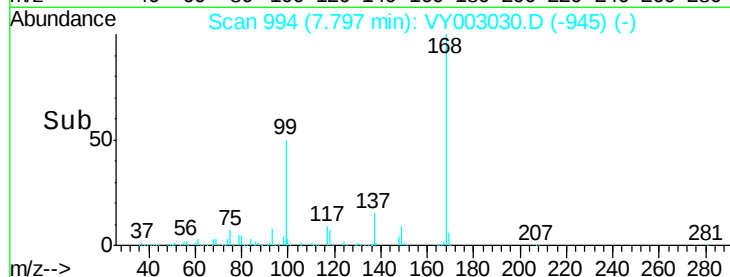
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.184 ug/l

RT: 4.98 min Scan# 532

Delta R.T. 0.02 min

Lab File: VY003030.D

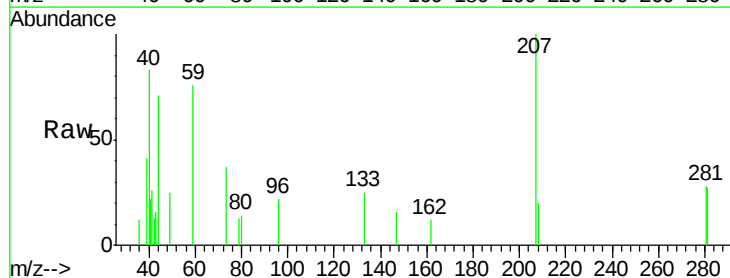
Acq: 30 Jun 2020 12:28

Tgt Ion: 59 Resp: 758

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VY0

Ion 57.00 (56.70 to 57.70): VY0

4.98

400

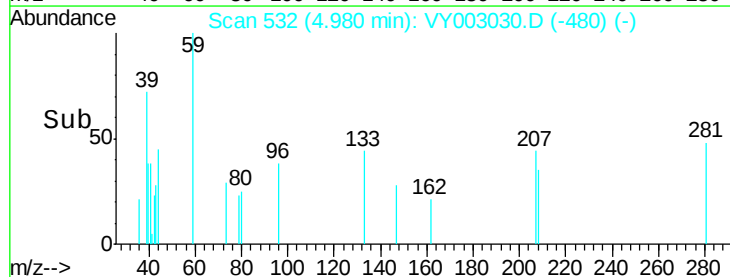
300

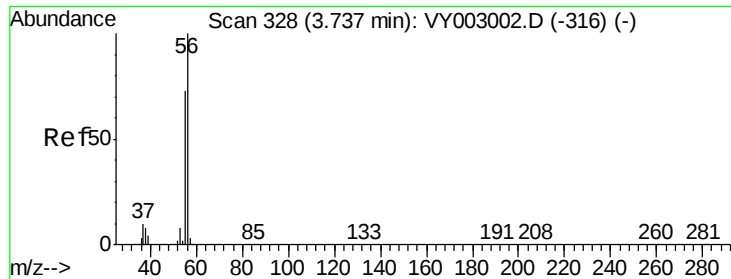
200

100

0

Time-->





#13

Acrolein

Concen: 1.165 ug/l

RT: 3.72 min Scan# 326

Delta R.T. -0.01 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

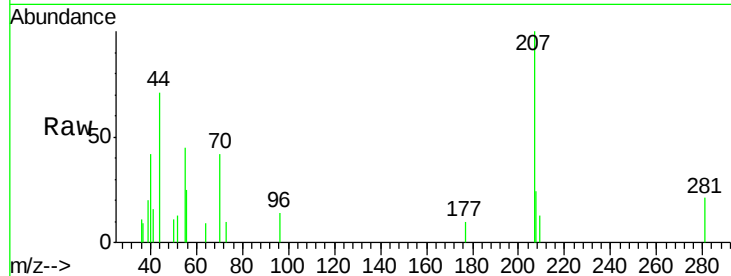
RBR-61RE

Tot Ion: 56 Resp: 363

Ion Ratio Lower Upper

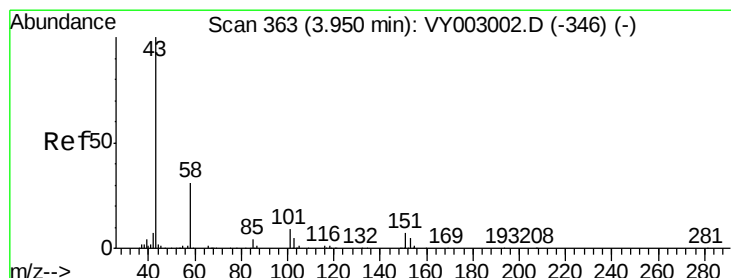
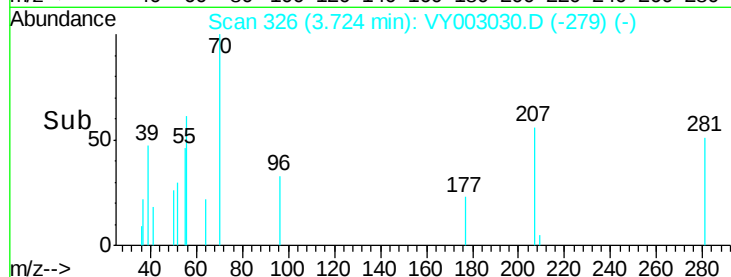
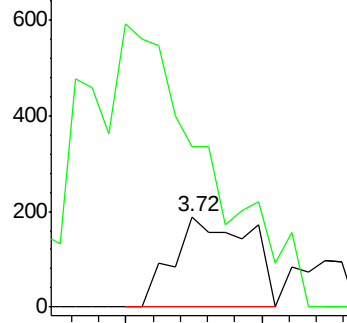
56 100

55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 92.194 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003030.D

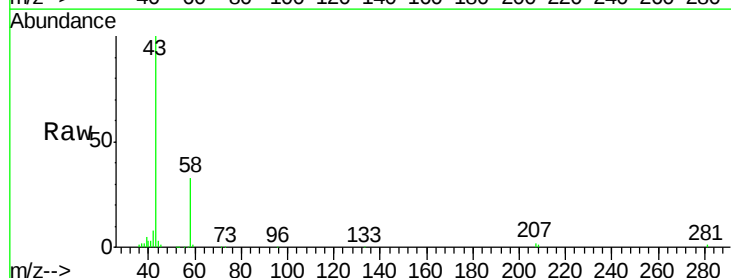
Acq: 30 Jun 2020 12:28

Tgt Ion: 43 Resp: 74037

Ion Ratio Lower Upper

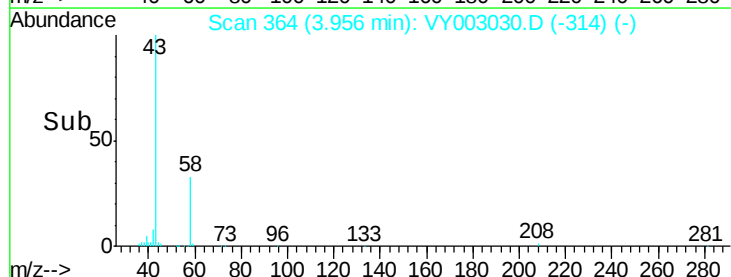
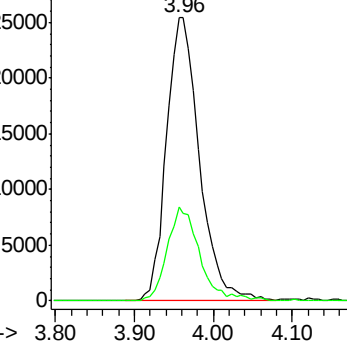
43 100

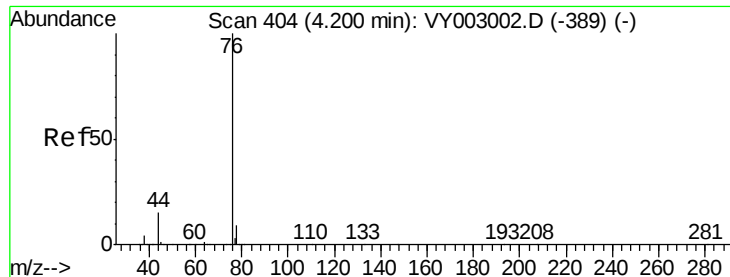
58 33.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 2.914 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

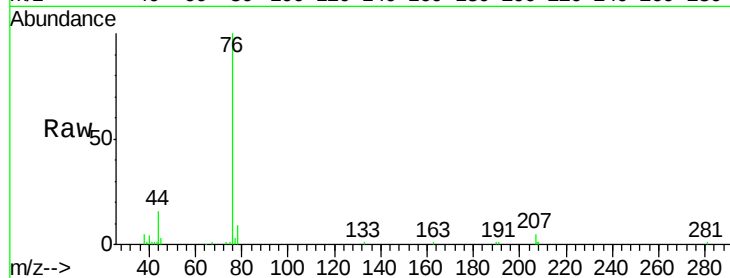
RBR-61RE

Tot Ion: 76 Resp: 27683

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

12000

10000

8000

6000

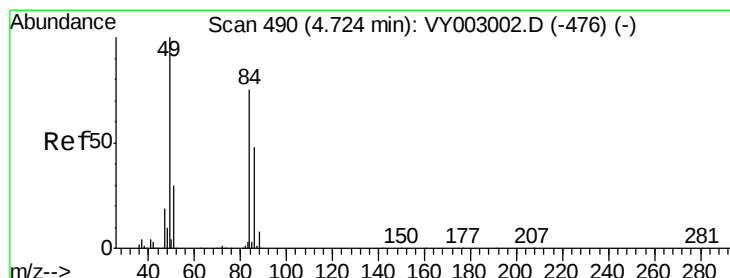
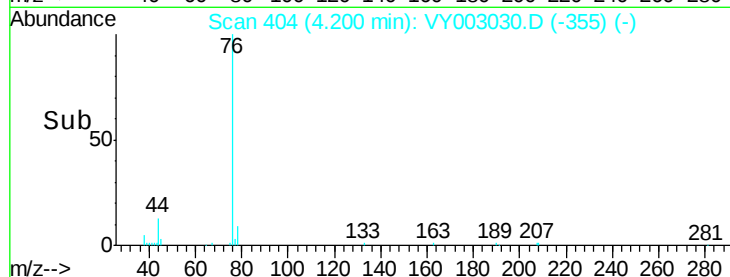
4000

2000

0

4.10 4.20 4.30

Time-->



#20

Methylene Chloride

Concen: 15.682 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Tgt Ion: 84 Resp: 73343

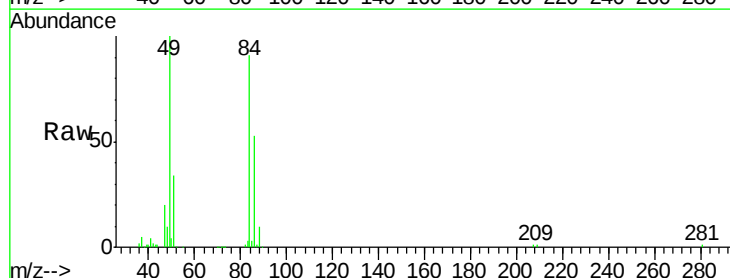
Ion Ratio Lower Upper

84 100

49 109.3 106.8 160.2

51 37.7 32.0 48.0

86 58.3 51.4 77.2



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

40000

30000

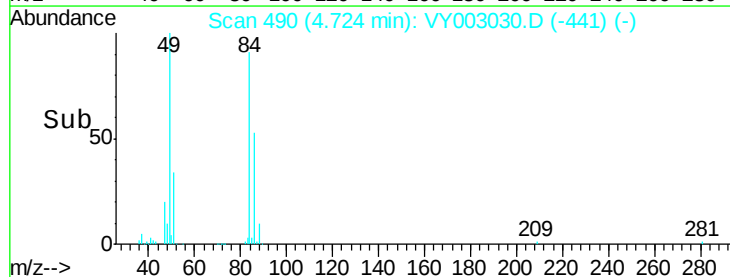
20000

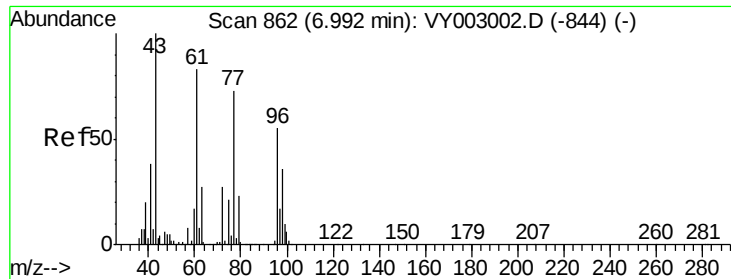
10000

0

4.60 4.70 4.80 4.90

Time-->

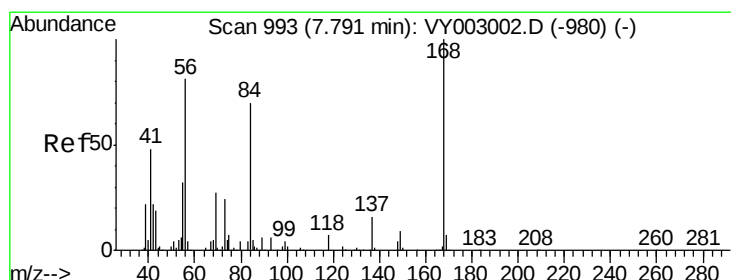
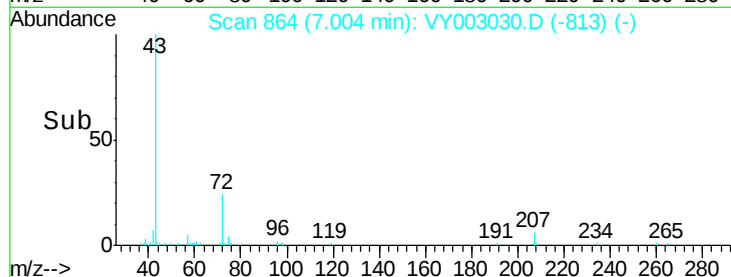
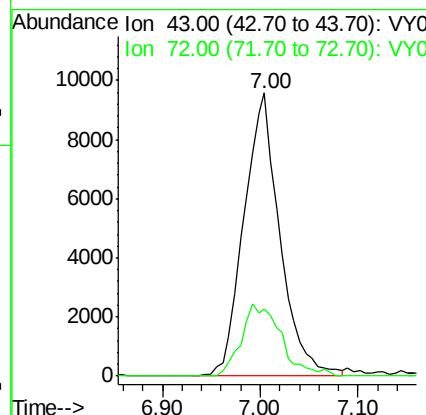
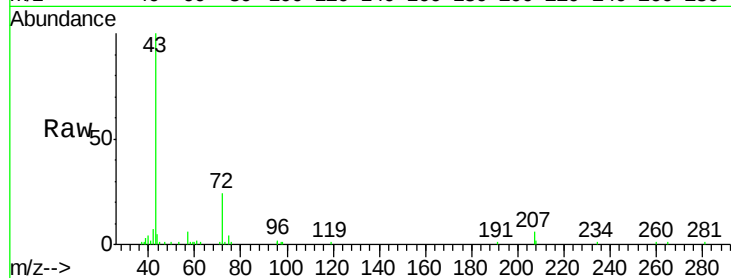




#25
2-Butanone
Concen: 19.211 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

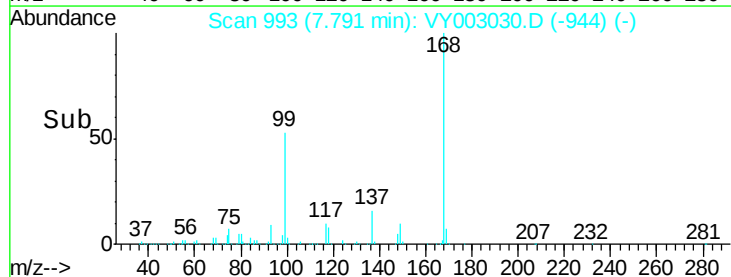
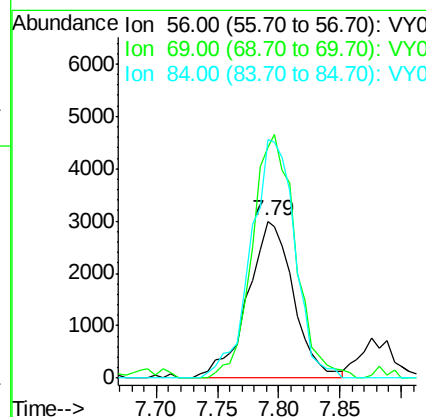
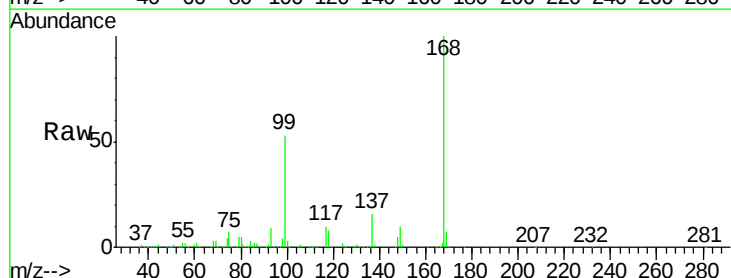
Instrument :
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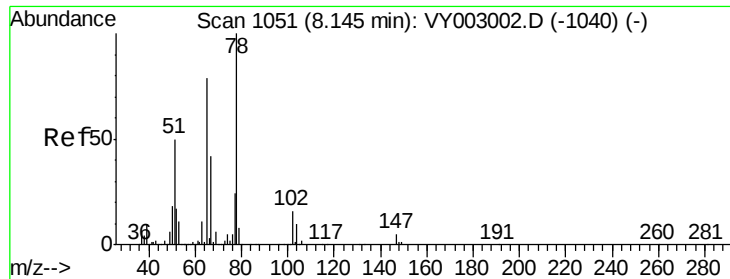
Tot Ion: 43 Resp: 24506
Ion Ratio Lower Upper
43 100
72 23.6 21.4 32.0



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

Tgt Ion: 56 Resp: 7815
Ion Ratio Lower Upper
56 100
69 147.5 27.0 40.4#
84 151.9 68.1 102.1#

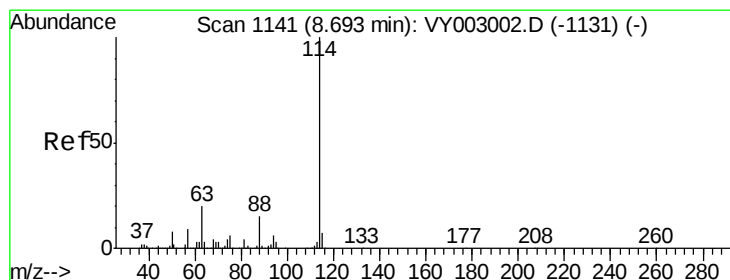
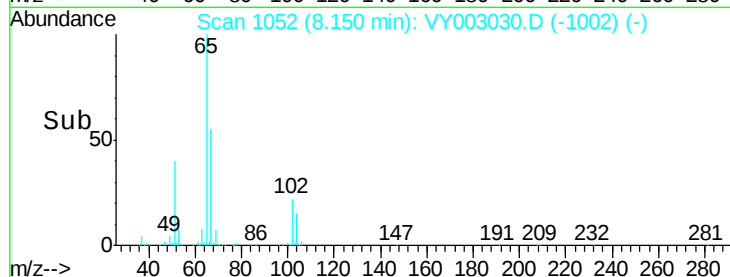
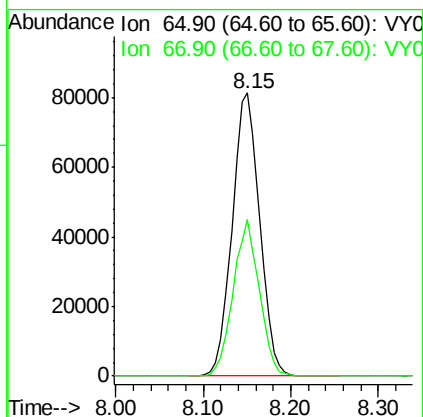
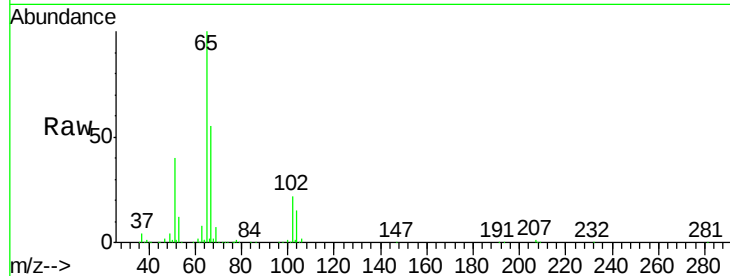




#33
 1,2-Dichloroethane-d4
 Concen: 52.279 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003030.D
 Acq: 30 Jun 2020 12:28

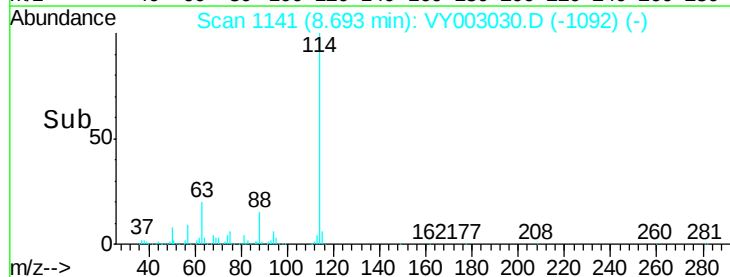
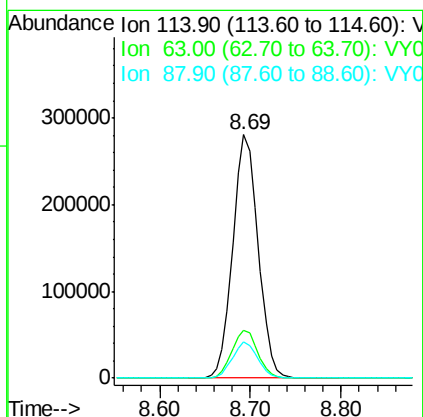
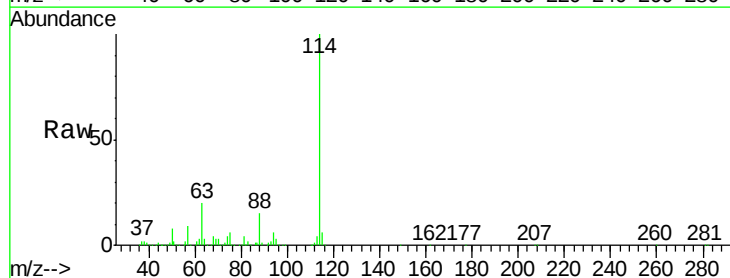
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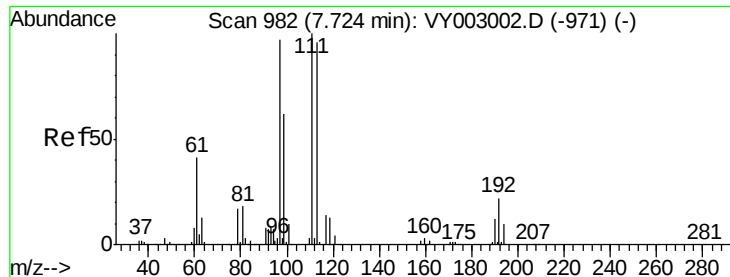
Tot Ion: 65 Resp: 178009
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003030.D
 Acq: 30 Jun 2020 12:28

Tgt Ion: 114 Resp: 544232
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.6
 88 14.8 0.0 30.0

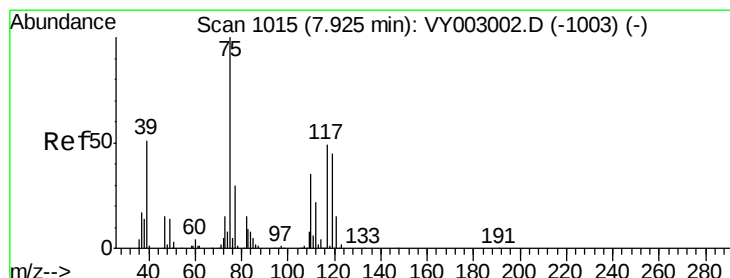
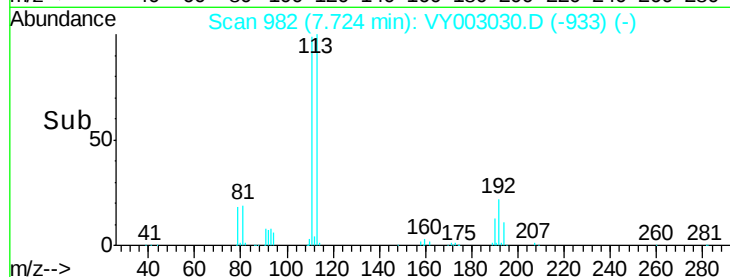
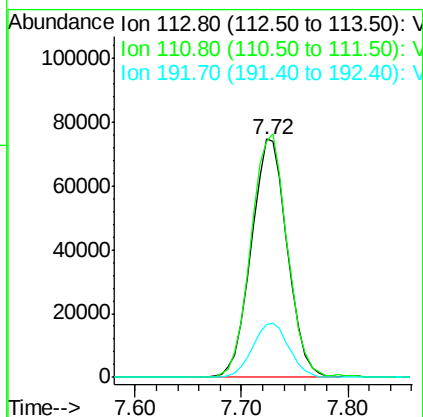
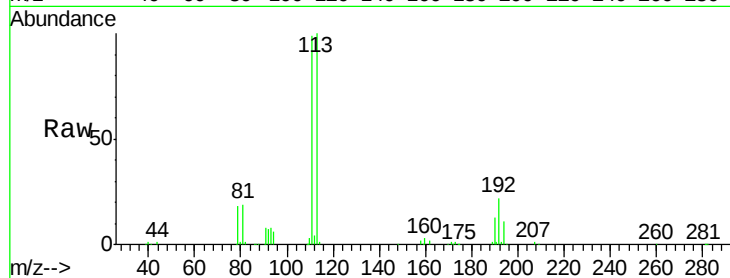




#35
Dibromofluoromethane
Concen: 52.183 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

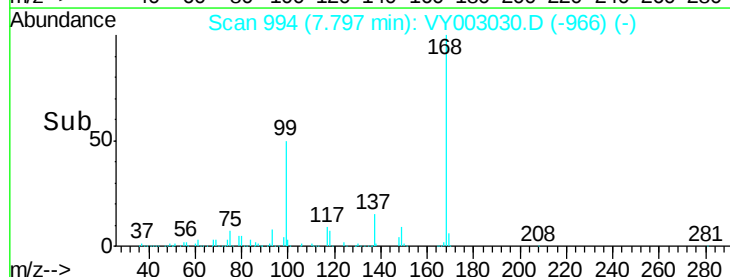
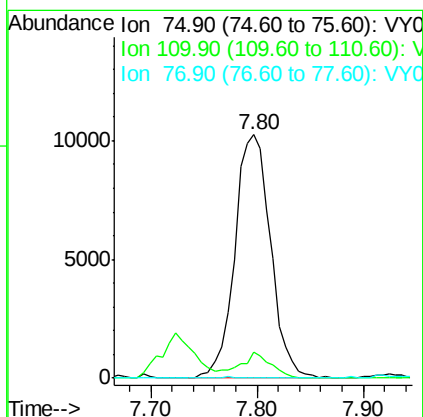
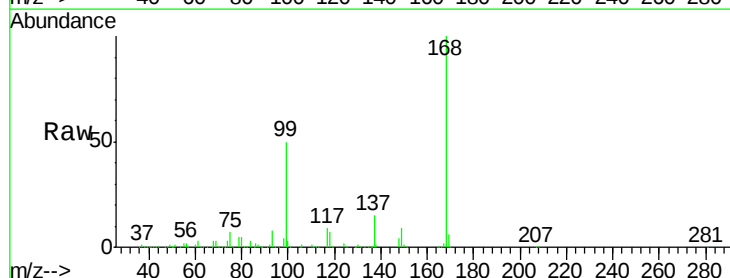
Instrument :
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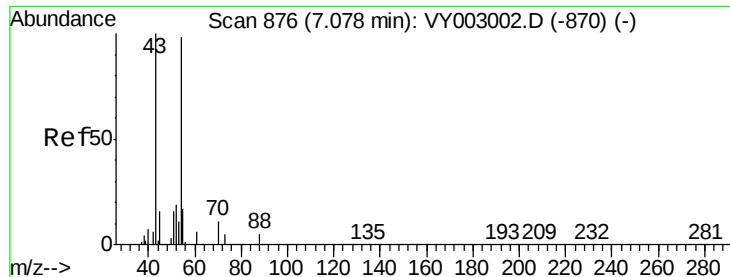
Tot Ion:113 Resp: 177160
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 22.9 18.1 27.1



#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

Tgt Ion: 75 Resp: 24102
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.9 37.3#

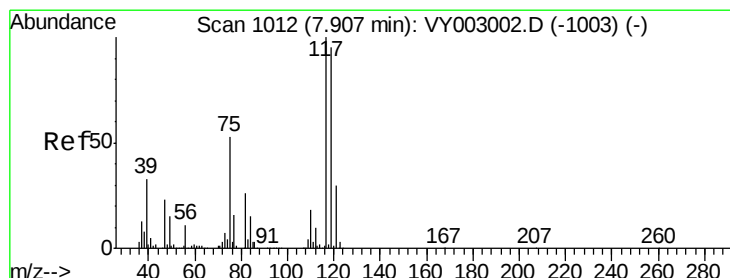
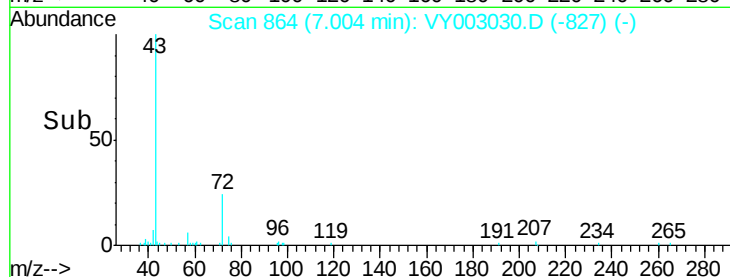
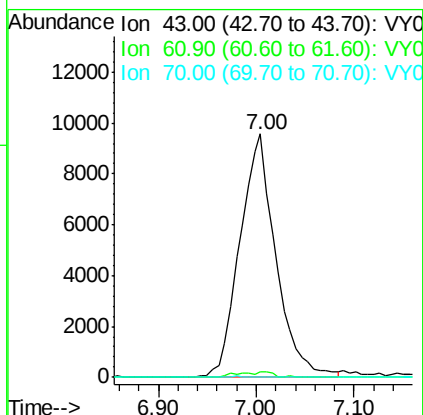
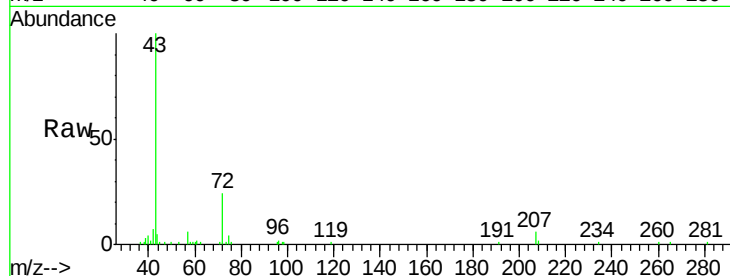




#37
Ethyl Acetate
Concen: 7.775 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.07 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

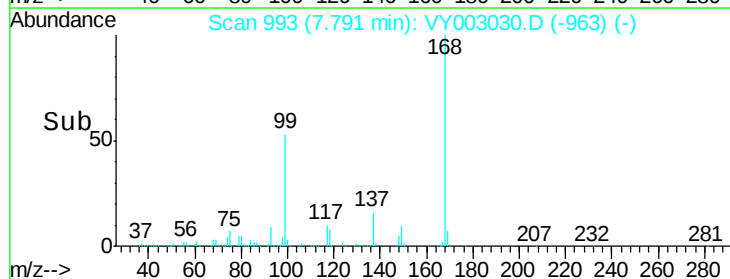
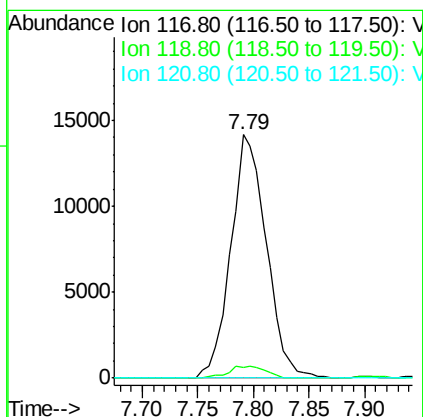
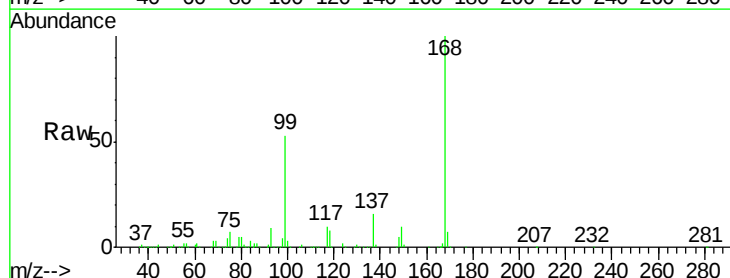
Instrument :
MSVOA_Y
ClientSampleId :
RBR-61RE

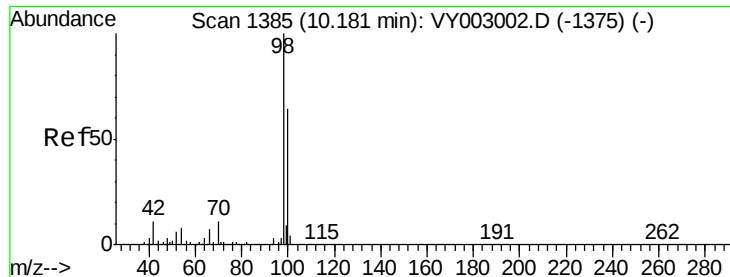
Tot Ion: 43 Resp: 24506
Ion Ratio Lower Upper
43 100
61 0.9 10.4 15.6#
70 0.0 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.12 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

Tgt Ion: 117 Resp: 31331
Ion Ratio Lower Upper
117 100
119 4.4 75.7 113.5#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 50.011 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

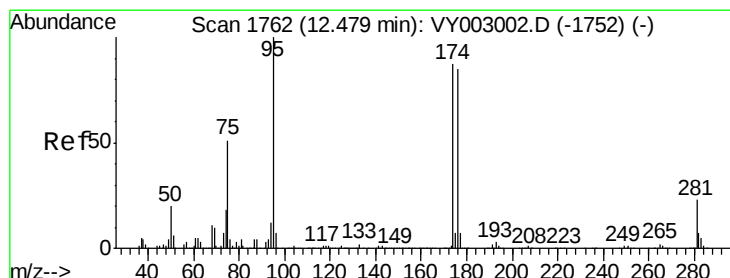
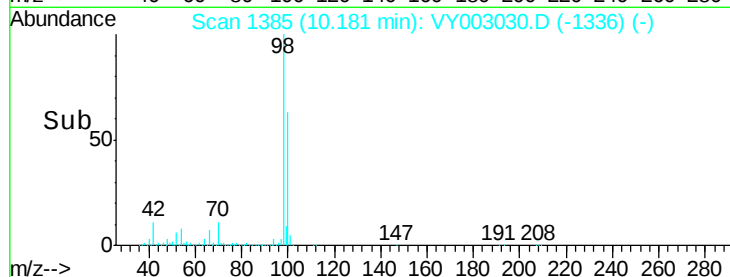
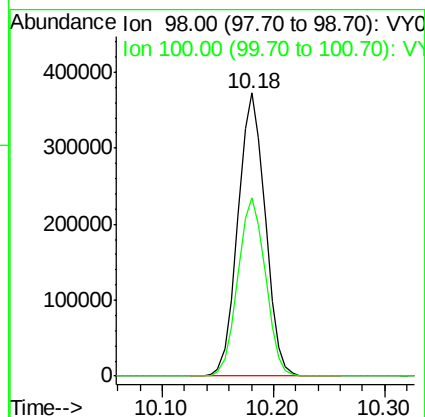
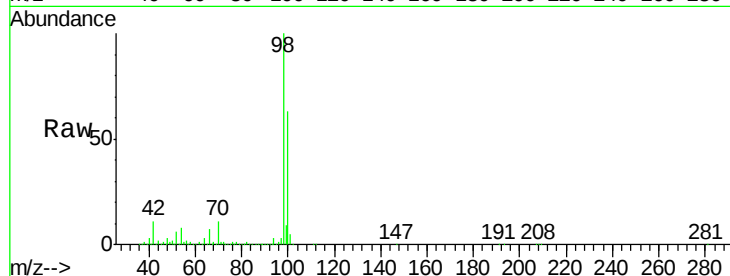
RBR-61RE

Tot Ion: 98 Resp: 632537

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 37.922 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

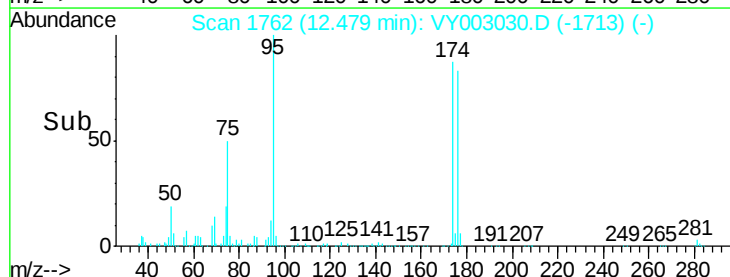
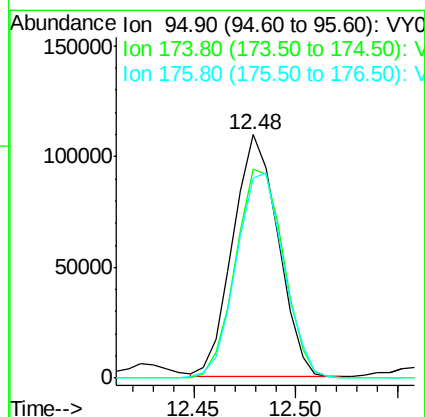
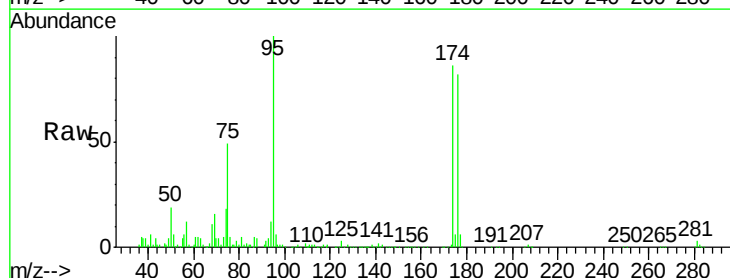
Tgt Ion: 95 Resp: 168831

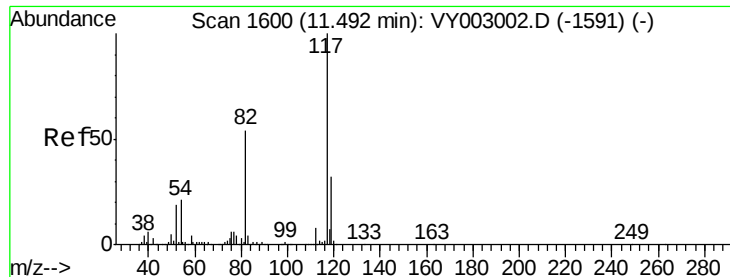
Ion Ratio Lower Upper

95 100

174 91.6 0.0 184.8

176 89.0 0.0 183.0

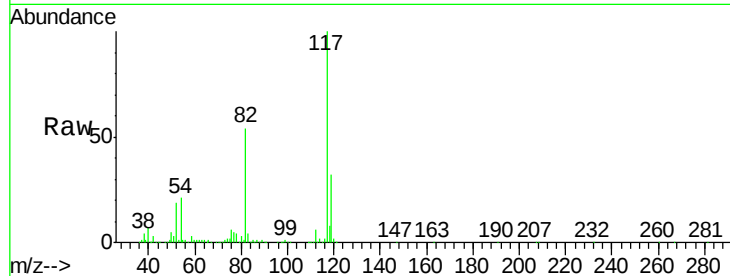




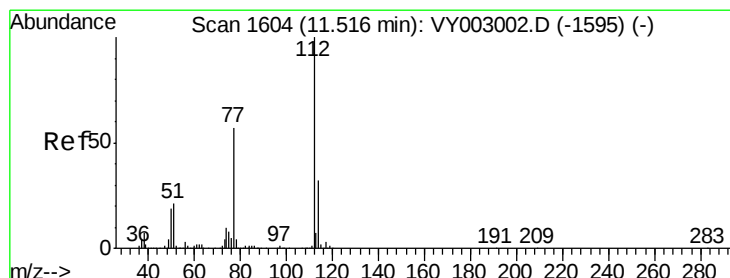
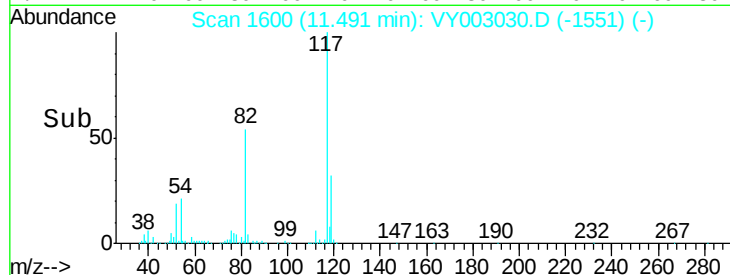
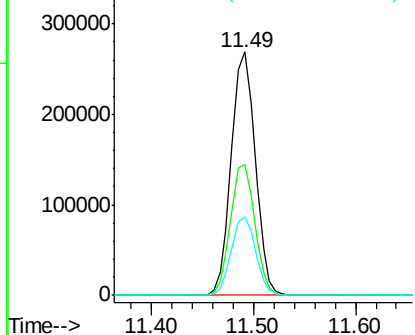
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
RBR-61RE

Tot Ion:117 Resp: 438180
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.6
119 32.5 25.8 38.8

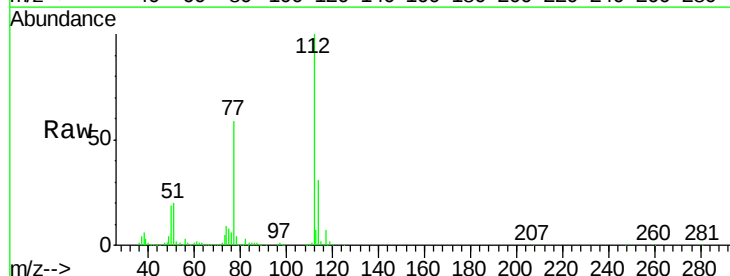


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

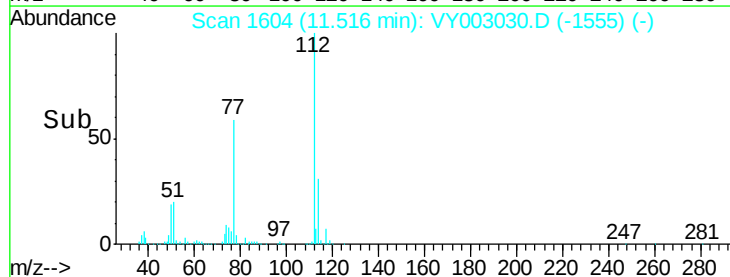
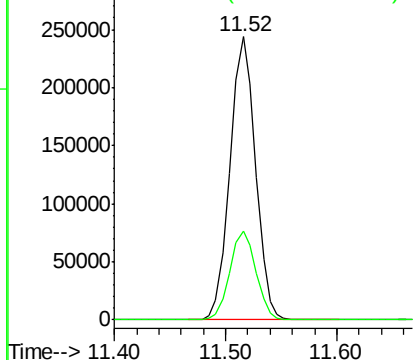


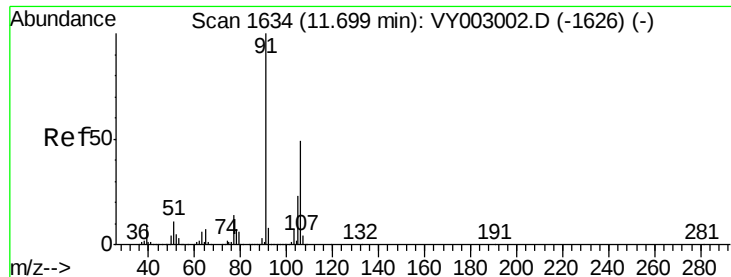
#65
Chlorobenzene
Concen: 44.892 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

Tgt Ion:112 Resp: 387867
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#68

m/p-Xvlenes

Concen: 1.301 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

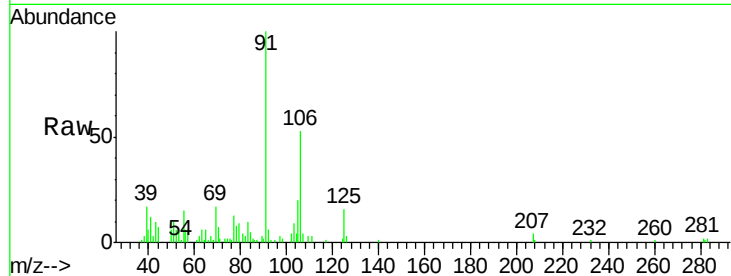
RBR-61RE

Tot Ion:106 Resp: 7656

Ion Ratio Lower Upper

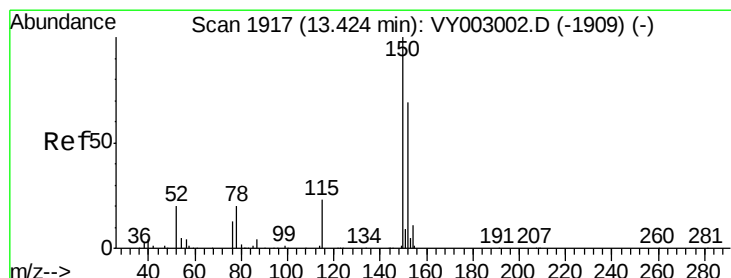
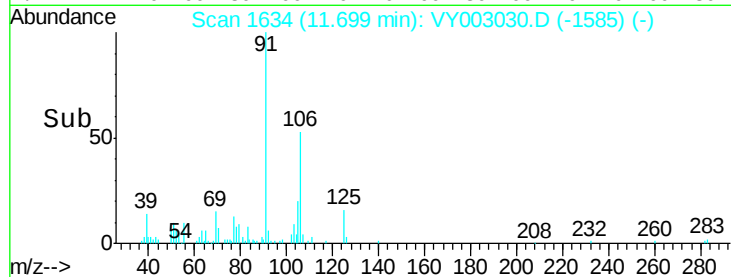
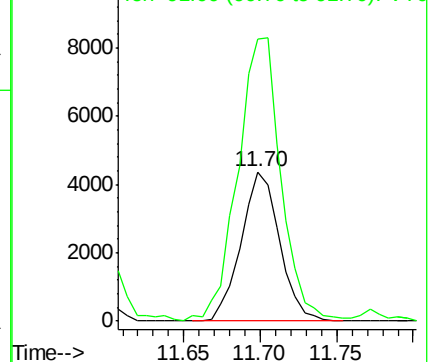
106 100

91 213.0 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

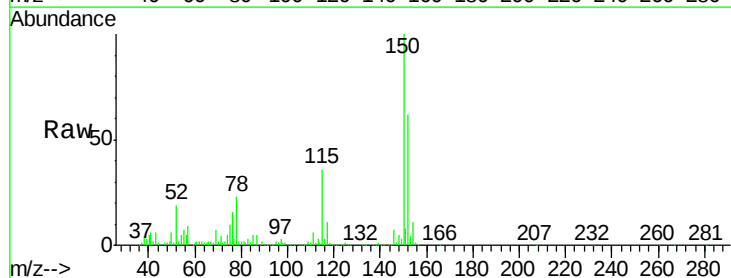
Tgt Ion:152 Resp: 147373

Ion Ratio Lower Upper

152 100

115 54.9 27.3 81.9

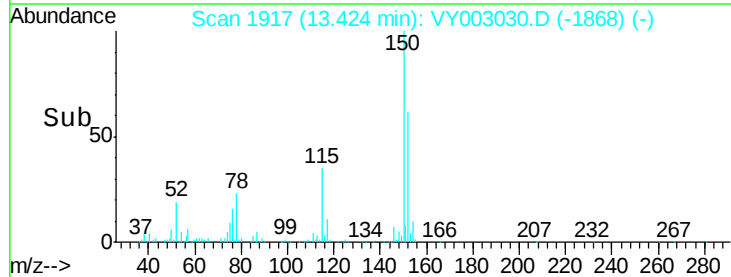
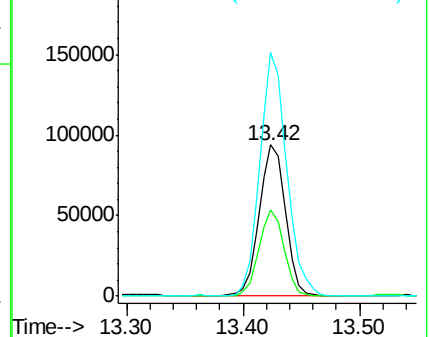
150 165.0 0.0 343.4

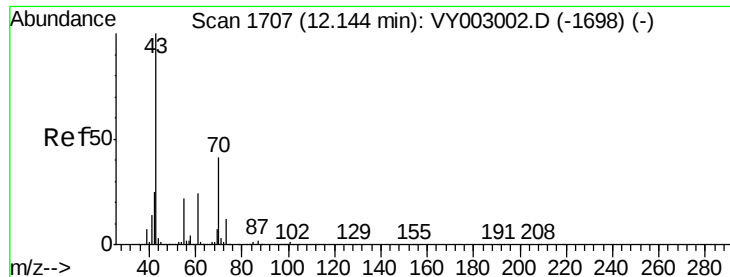


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 8.171 ug/l

RT: 12.12 min Scan# 1703

Delta R.T. -0.02 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RBR-61RE

Tot Ion: 43 Resp: 25656

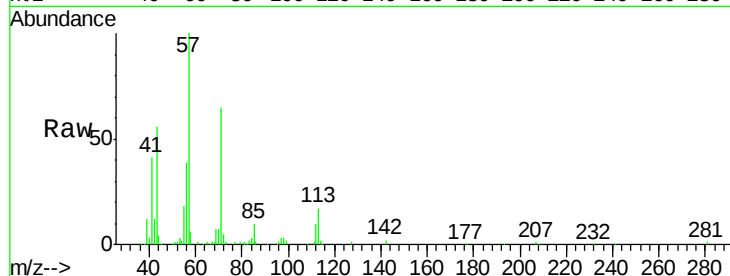
Ion Ratio Lower Upper

43 100

70 10.9 33.0 49.4#

55 11.0 18.2 27.2#

61 1.5 19.4 29.2#

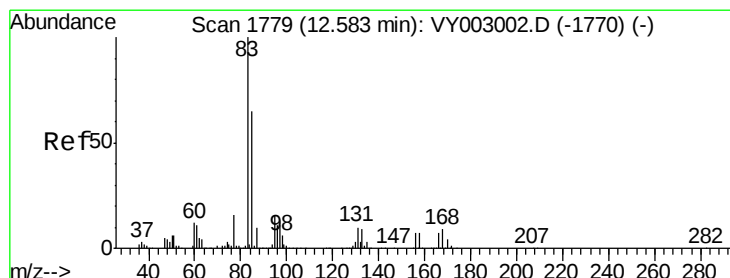
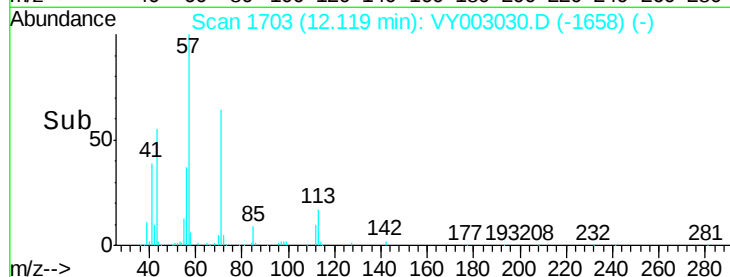
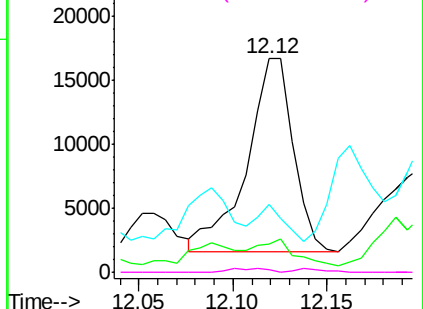


Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 2.846 ug/l

RT: 12.56 min Scan# 1776

Delta R.T. -0.02 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

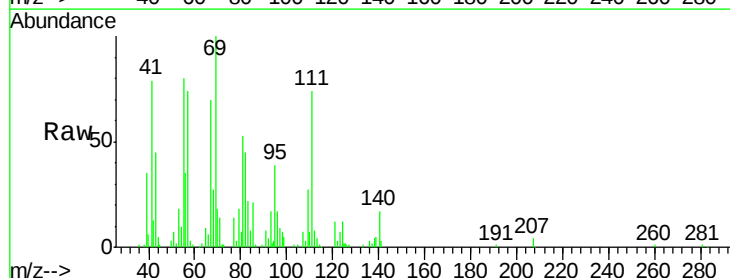
Tgt Ion: 83 Resp: 5539

Ion Ratio Lower Upper

83 100

131 0.9 5.3 16.1#

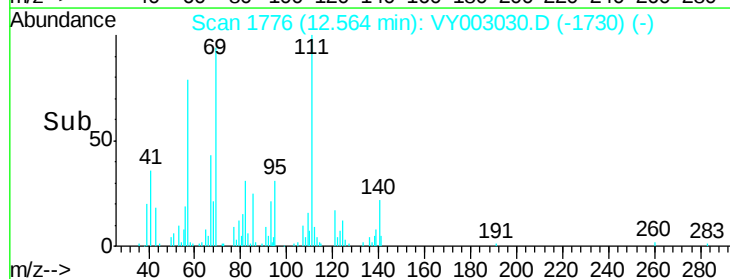
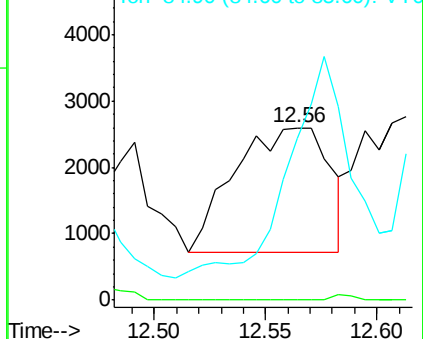
85 115.0 32.1 96.3#

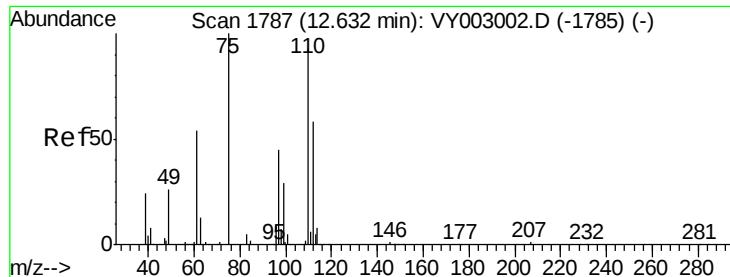


Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0





#76

1,2,3-Trichloropropane

Concen: 58.329 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

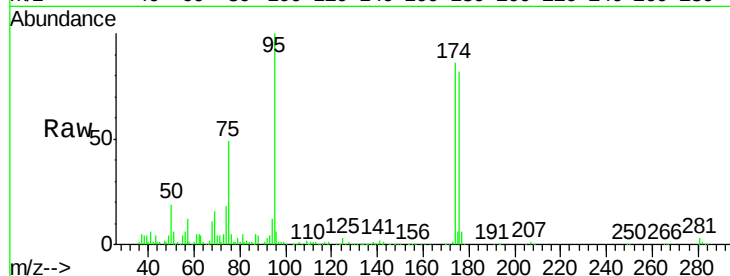
RBR-61RE

Tot Ion: 75 Resp: 85075

Ion Ratio Lower Upper

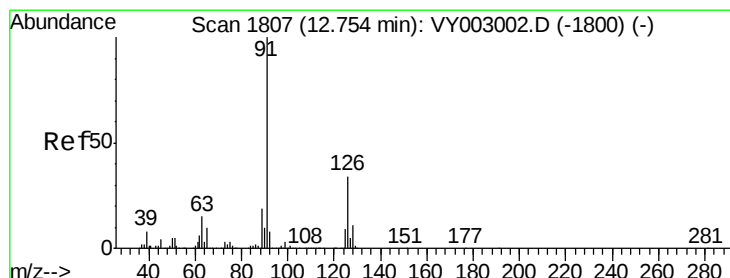
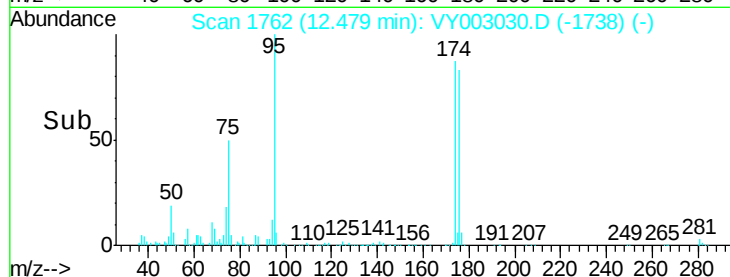
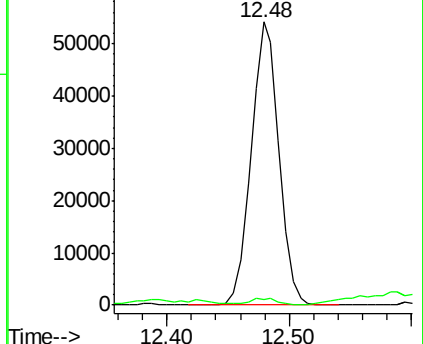
75 100

77 2.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#79

2-Chlorotoluene

Concen: 6.829 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003030.D

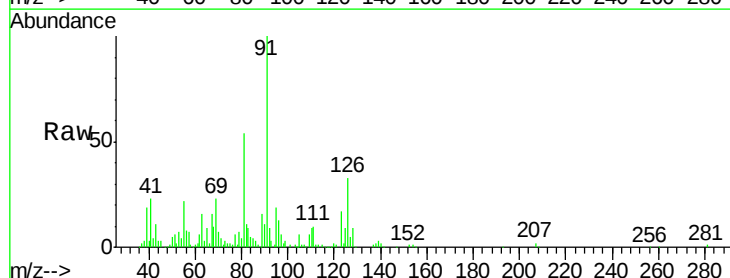
Acq: 30 Jun 2020 12:28

Tgt Ion: 91 Resp: 44217

Ion Ratio Lower Upper

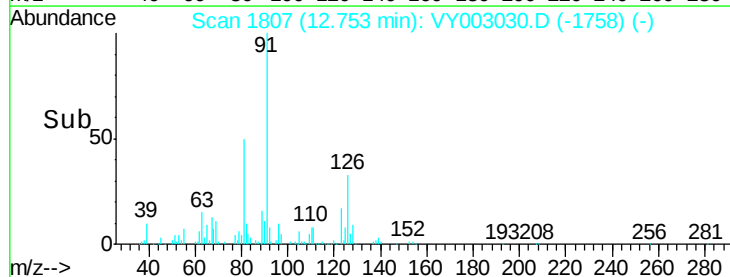
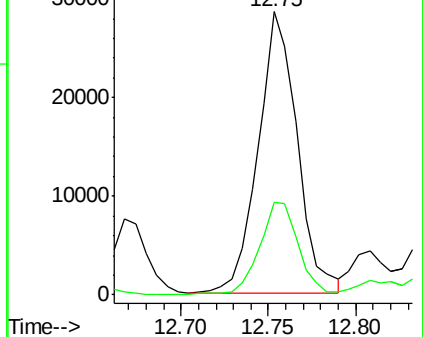
91 100

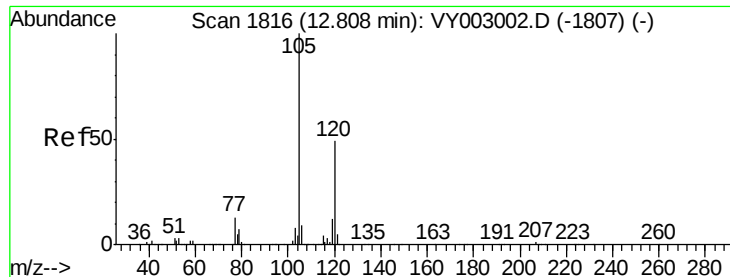
126 33.2 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

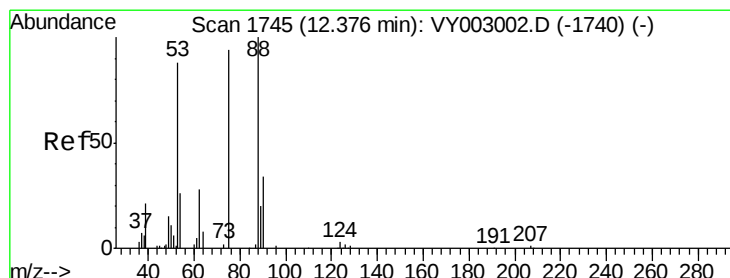
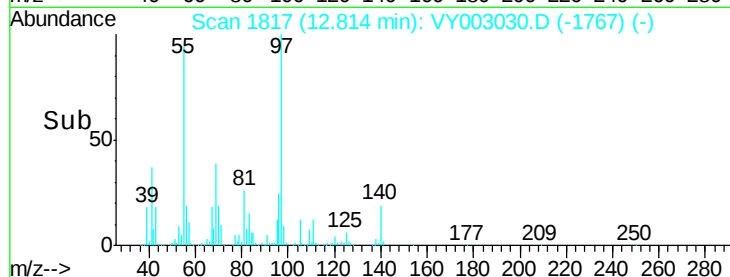
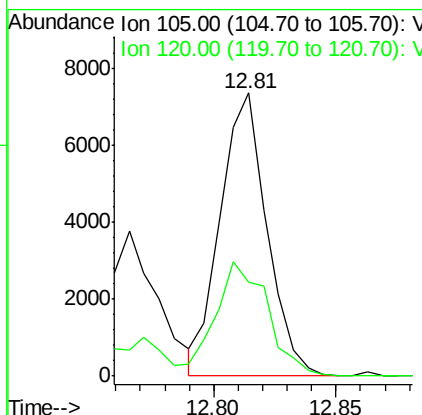
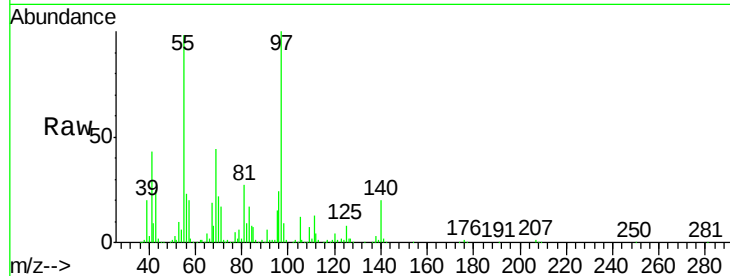




#80
 1,3,5-Trimethylbenzene
 Concen: 1.203 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003030.D
 Acq: 30 Jun 2020 12:28

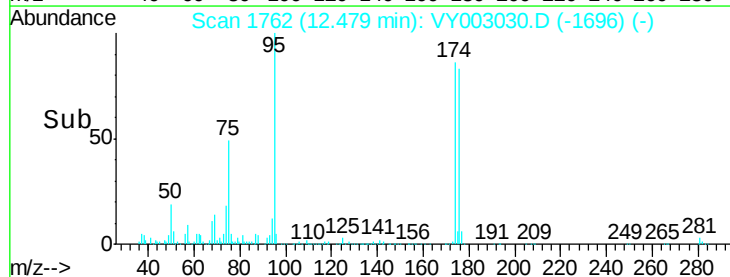
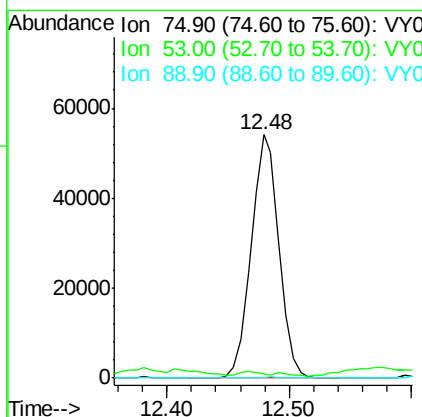
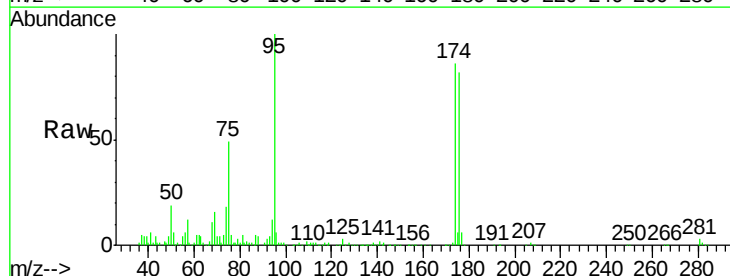
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-61RE

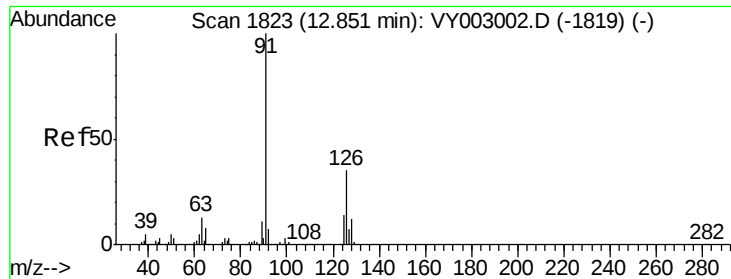
Tot Ion:105 Resp: 9739
 Ion Ratio Lower Upper
 105 100
 120 45.8 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.484 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY003030.D
 Acq: 30 Jun 2020 12:28

Tgt Ion: 75 Resp: 85075
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.2 37.5 56.3#

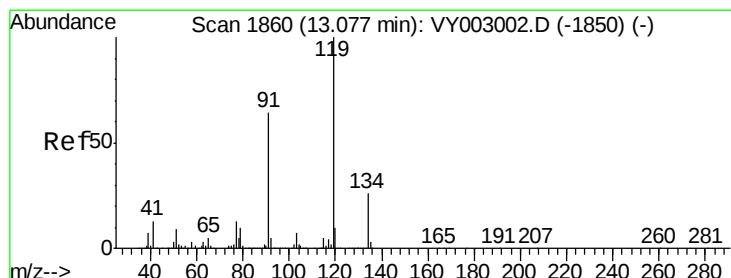
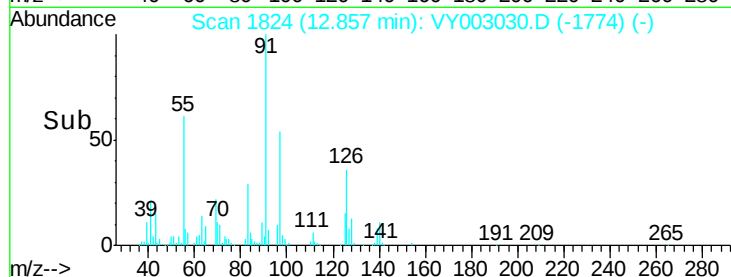
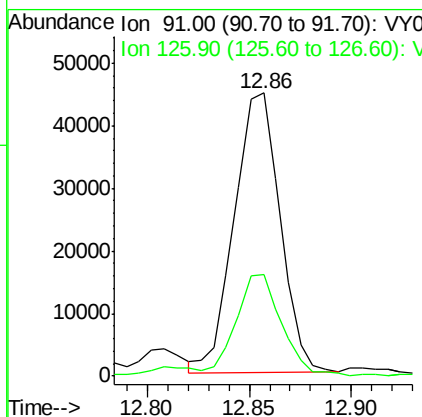
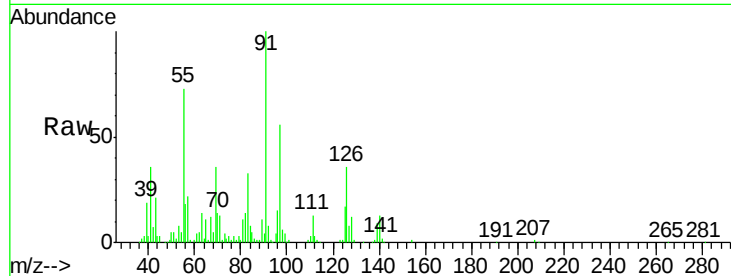




#82
4-Chlorotoluene
Concen: 10.349 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

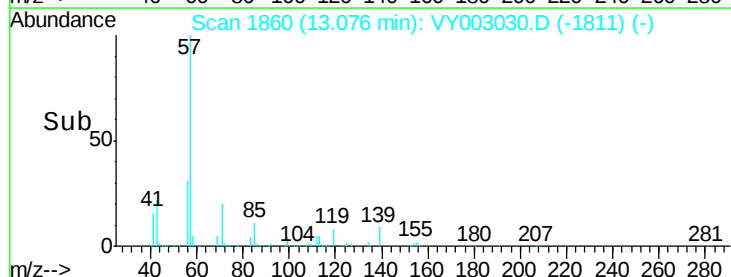
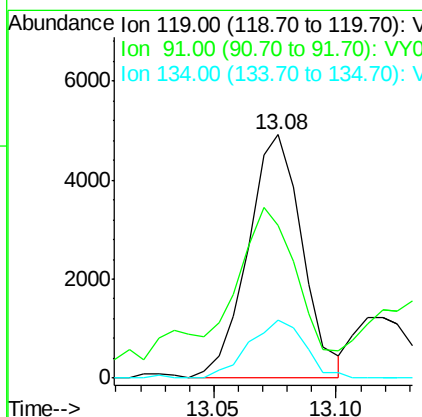
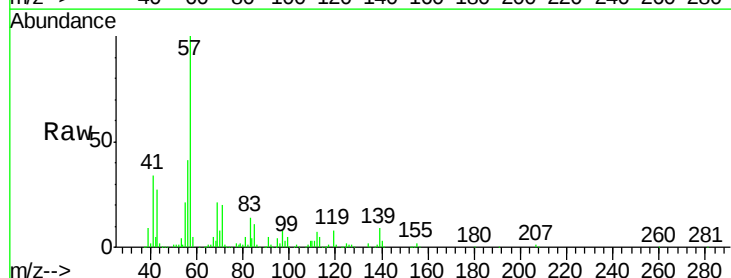
Instrument :
MSVOA_Y
ClientSampleId :
RBR-61RE

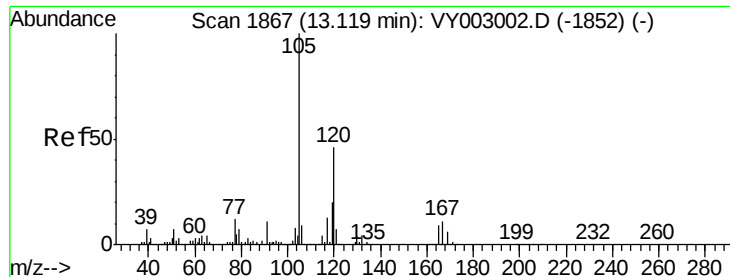
Tot Ion: 91 Resp: 69760
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.3



#83
tert-Butylbenzene
Concen: 1.068 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

Tgt Ion: 119 Resp: 7593
Ion Ratio Lower Upper
119 100
91 75.1 31.6 95.0
134 24.4 13.2 39.5





#84

1,2,4-Trimethylbenzene

Concen: 1.914 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampled :

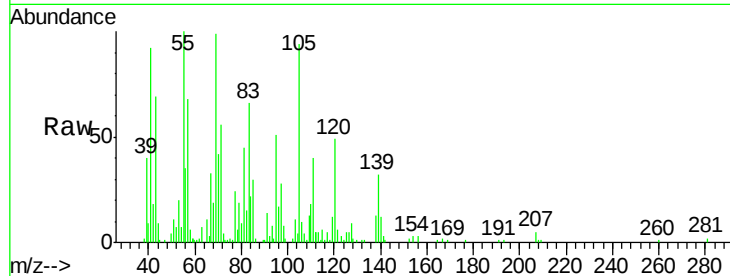
RBR-61RE

Tot Ion:105 Resp: 15607

Ion Ratio Lower Upper

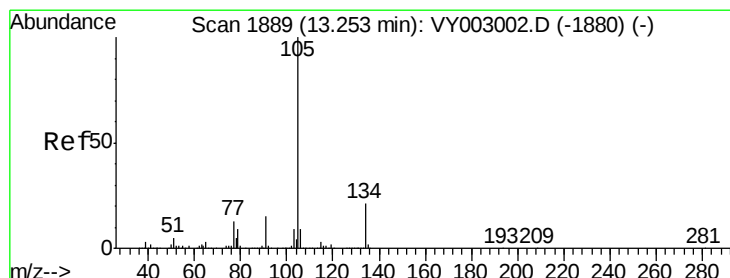
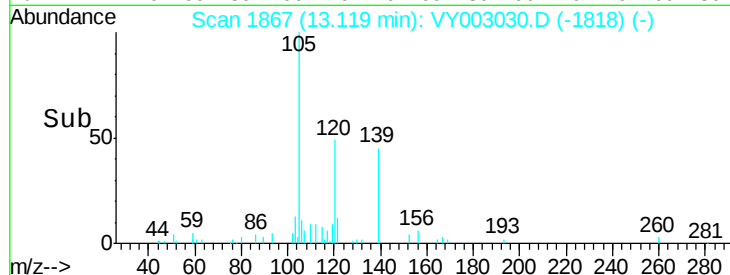
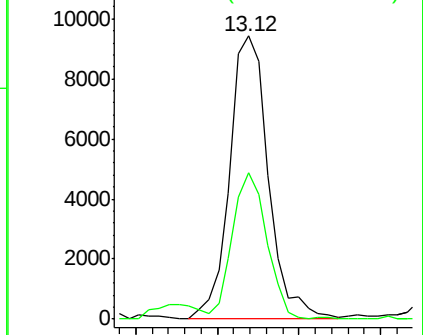
105 100

120 45.9 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 3.191 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003030.D

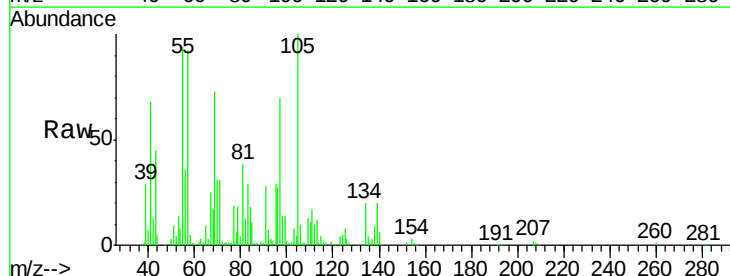
Acq: 30 Jun 2020 12:28

Tgt Ion:105 Resp: 31261

Ion Ratio Lower Upper

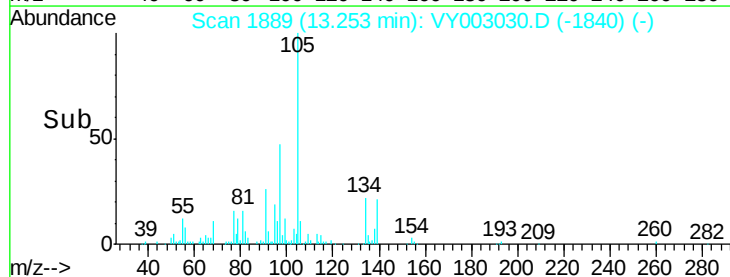
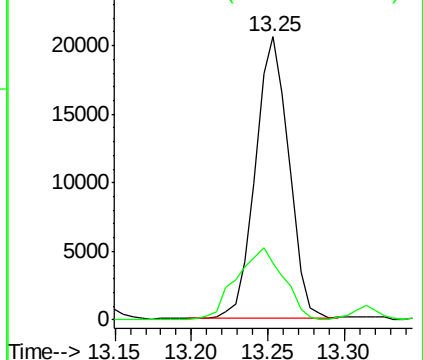
105 100

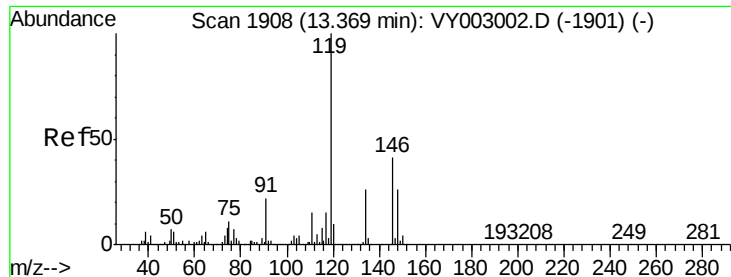
134 36.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

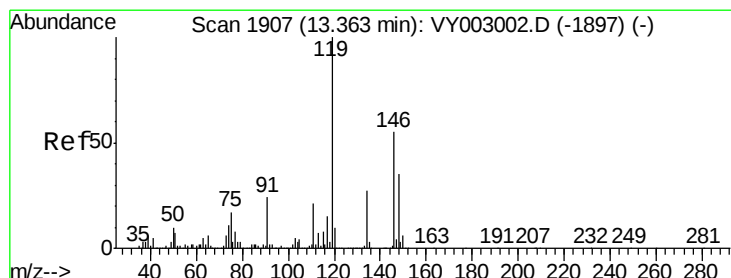
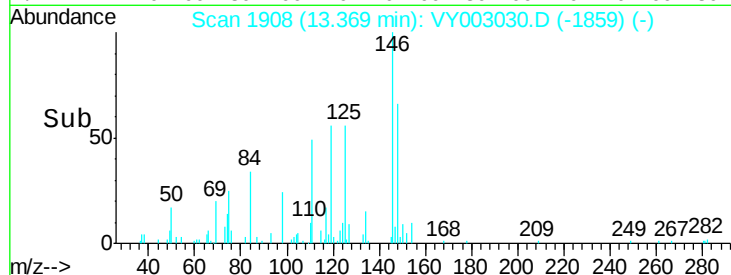
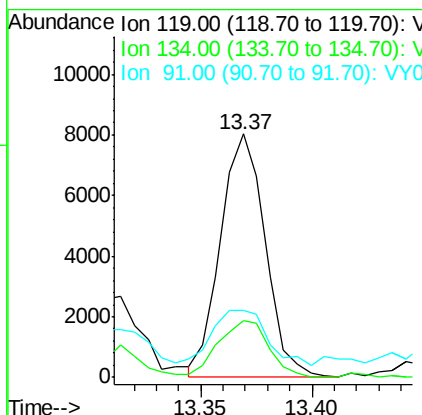
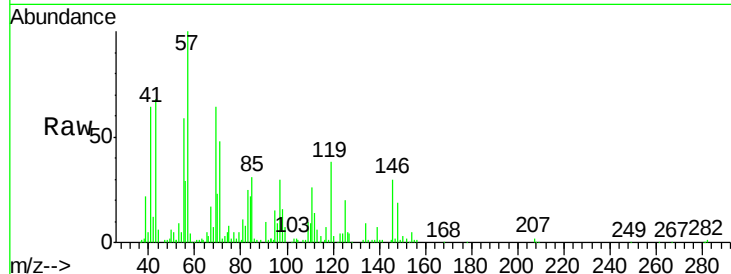




#86
p-Isopropyltoluene
Concen: 1.236 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

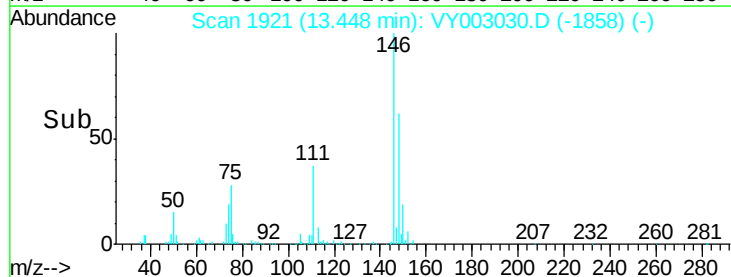
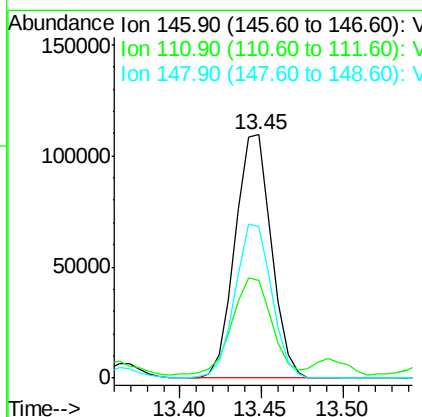
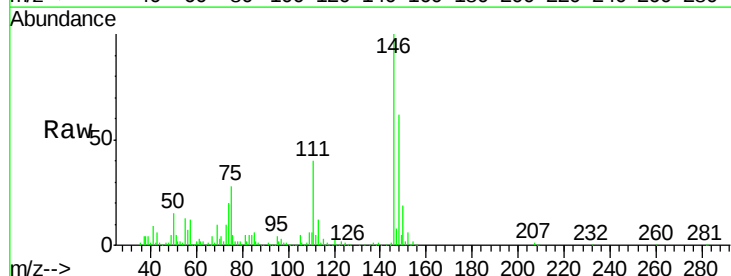
Instrument :
MSVOA_Y
ClientSampled :
RBR-61RE

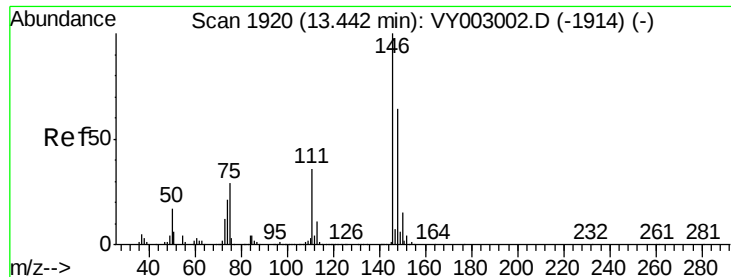
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.4
91	27.7	11.5	34.5



#87
1,3-Dichlorobenzene
Concen: 36.838 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.09 min
Lab File: VY003030.D
Acq: 30 Jun 2020 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	18.8	56.3
148	64.0	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 37.358 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

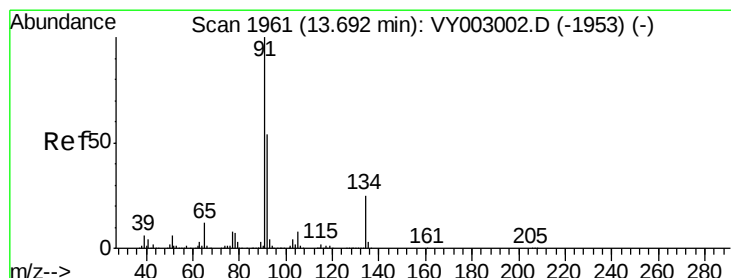
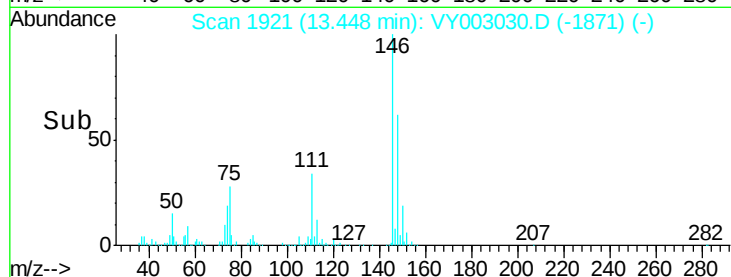
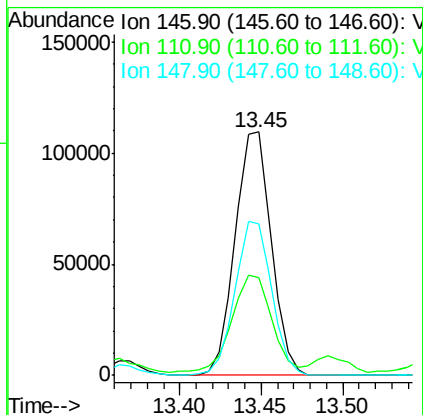
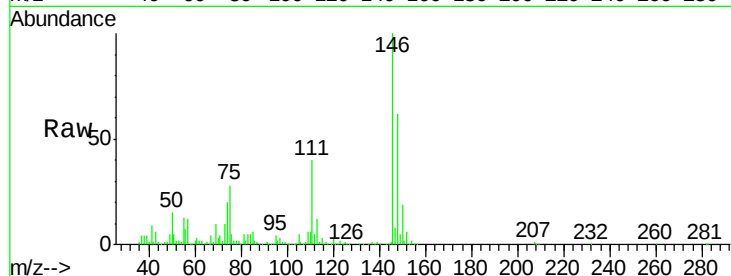
Instrument :

MSVOA_Y

ClientSampled :

RBR-61RE

Tot Ion:146	Resp:	170077
Ion	Ratio	Lower Upper
146	100	
111	42.9	18.4 55.4
148	64.0	32.3 96.9



#89

n-Butylbenzene

Concen: 3.905 ug/l

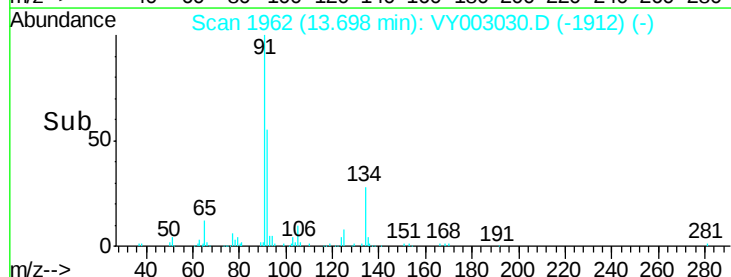
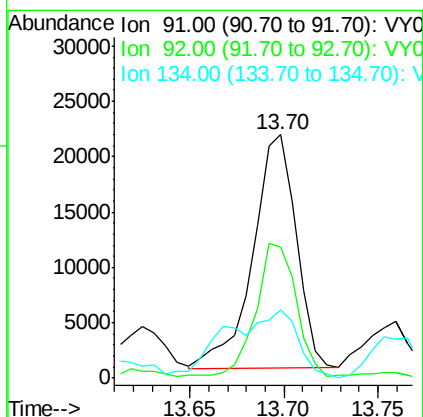
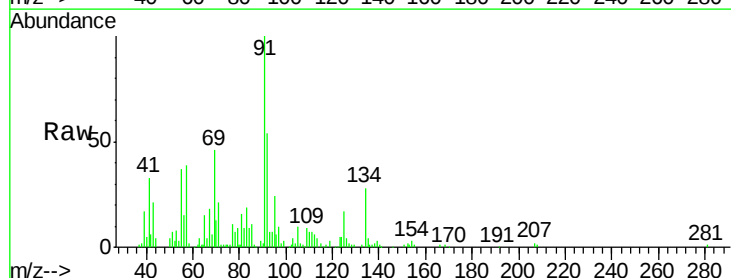
RT: 13.70 min Scan# 1962

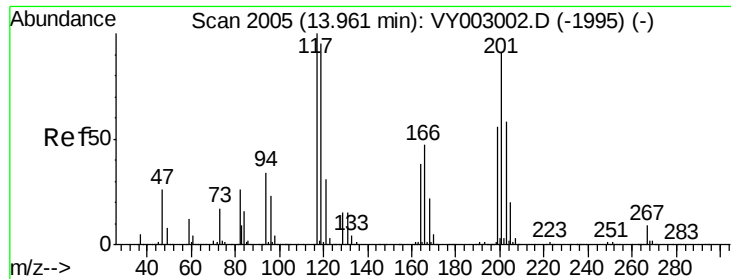
Delta R.T. 0.01 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Tgt Ion: 91	Resp:	33911
Ion	Ratio	Lower Upper
91	100	
92	53.5	26.8 80.3
134	46.4	13.1 39.1#





#90

Hexachloroethane

Concen: 7.835 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.01 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

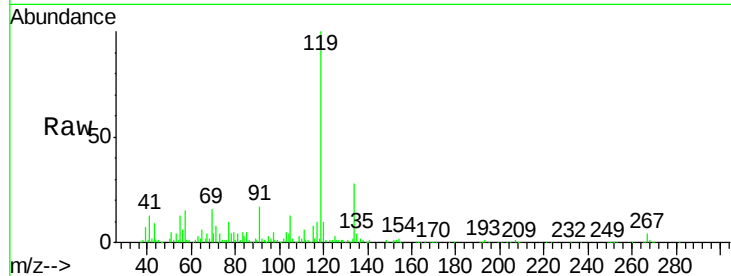
RBR-61RE

Tot Ion:117 Resp: 14122

Ion Ratio Lower Upper

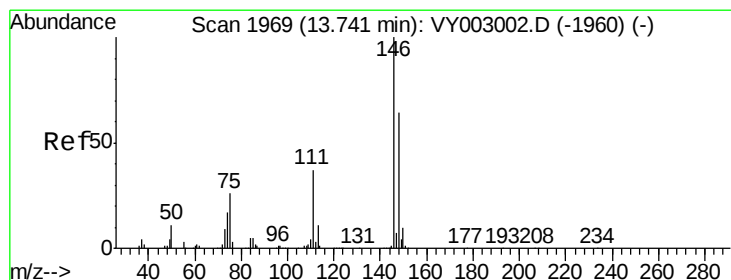
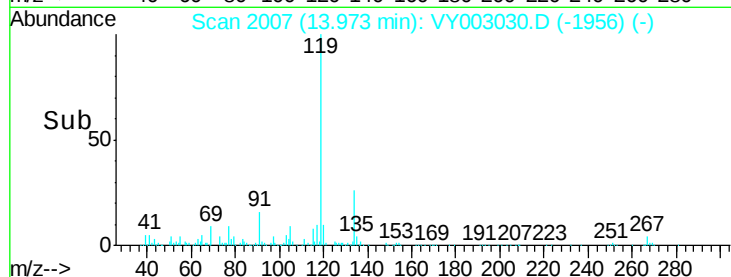
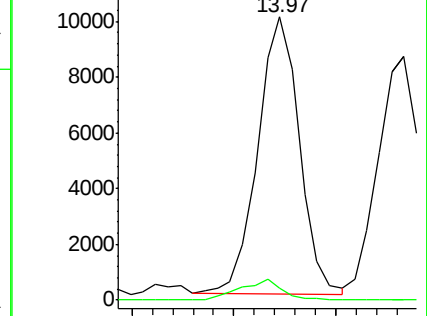
117 100

201 7.6 45.5 136.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.089 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

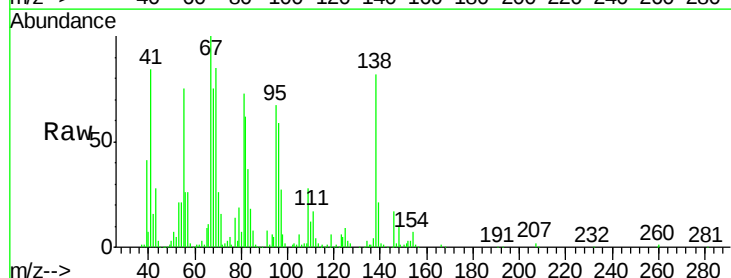
Tgt Ion:146 Resp: 8654

Ion Ratio Lower Upper

146 100

111 191.9 19.1 57.5#

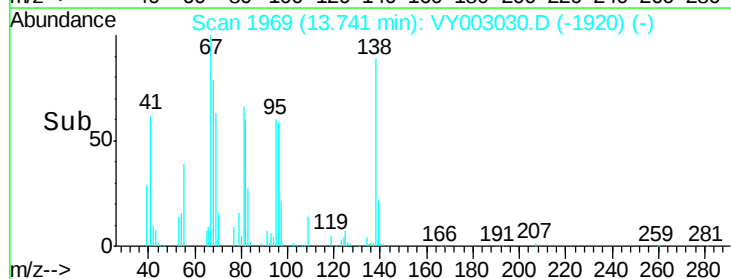
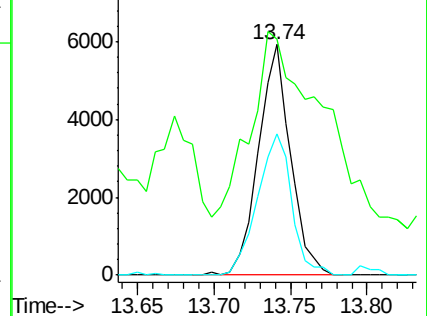
148 65.4 31.8 95.3

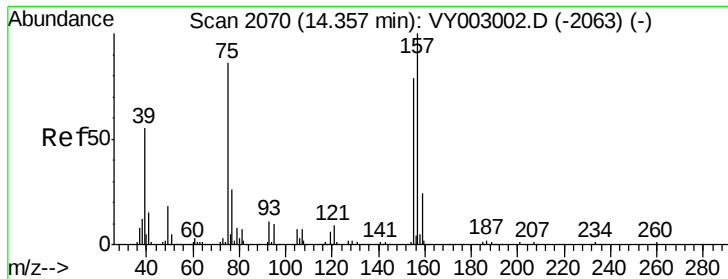


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.573 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RBR-61RE

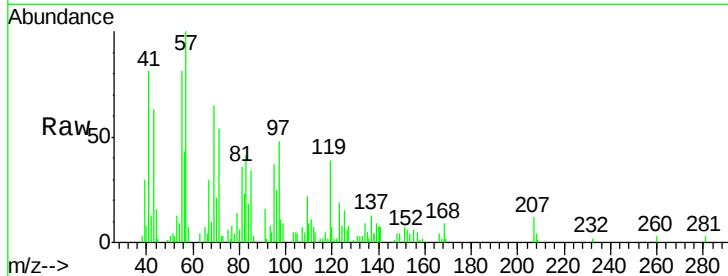
Tot Ion: 75 Resp: 542

Ion Ratio Lower Upper

75 100

155 81.0 46.5 139.3

157 93.2 59.2 177.5

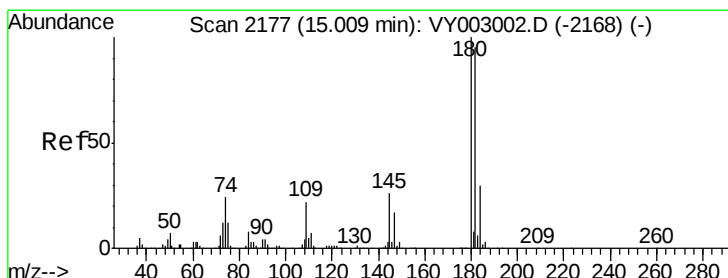
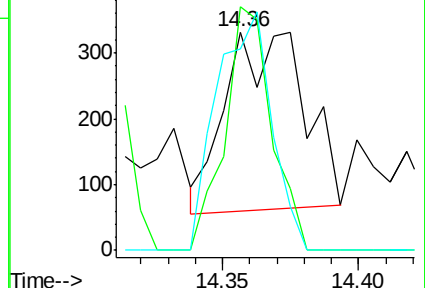
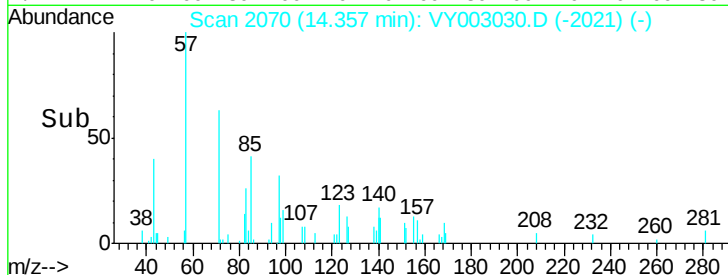


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.345 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

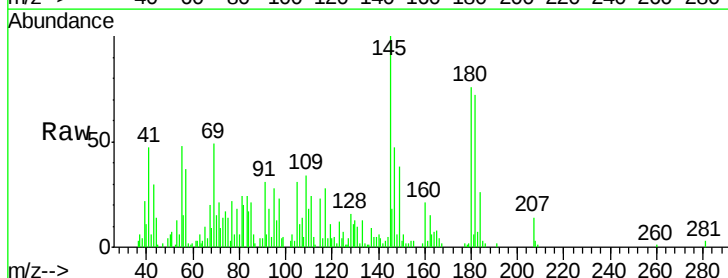
Tgt Ion:180 Resp: 10296

Ion Ratio Lower Upper

180 100

182 85.6 48.1 144.3

145 169.2 13.9 41.6#

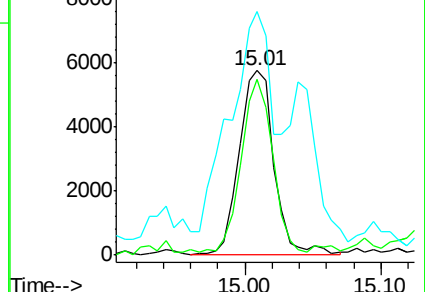
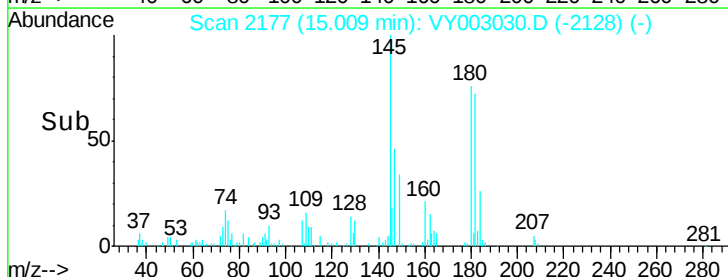


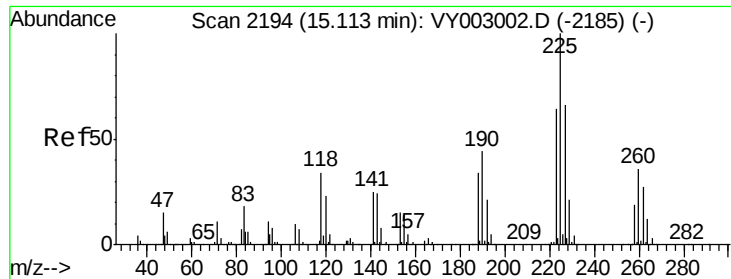
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

Time-->





#94

Hexachlorobutadiene

Concen: 1.732 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RBR-61RE

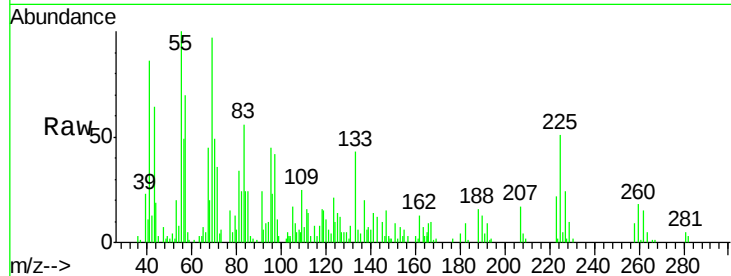
Tot Ion:225 Resp: 3362

Ion Ratio Lower Upper

225 100

223 59.7 32.4 97.0

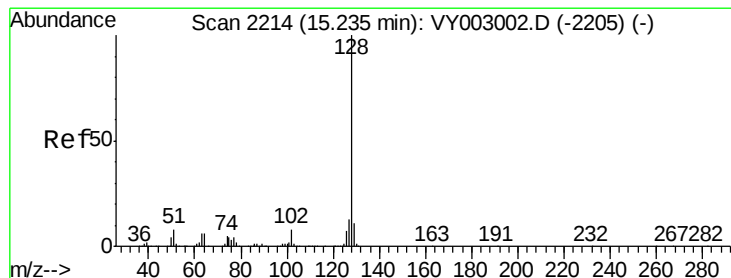
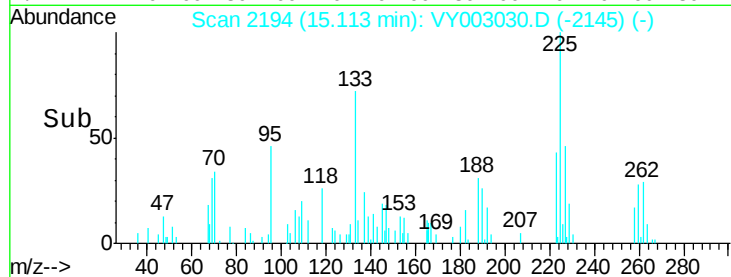
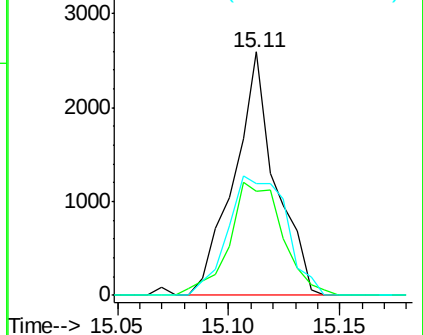
227 69.0 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 5.950 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

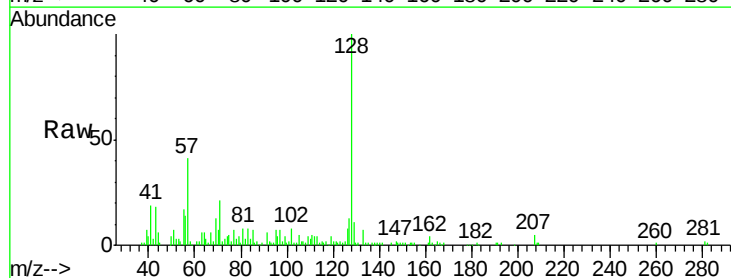
Tgt Ion:128 Resp: 33452

Ion Ratio Lower Upper

128 100

127 17.2 10.8 16.2#

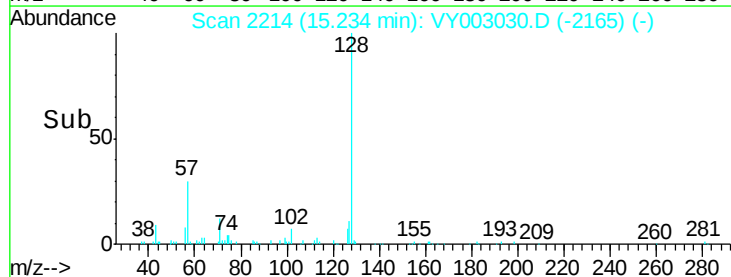
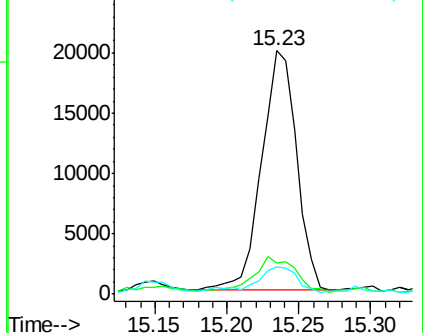
129 10.4 8.8 13.2

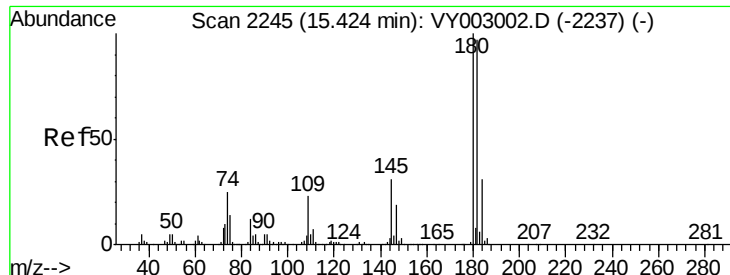


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.521 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003030.D

Acq: 30 Jun 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

RBR-61RE

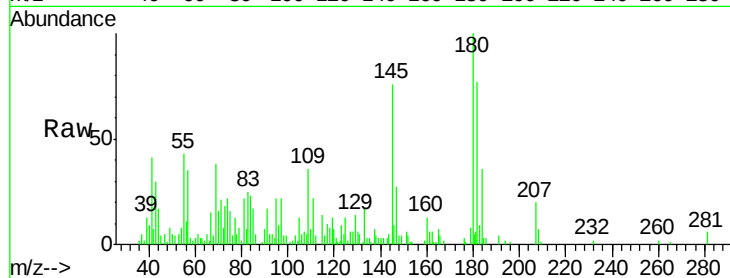
Tot Ion:180 Resp: 9410

Ion Ratio Lower Upper

180 100

182 99.4 47.8 143.3

145 151.2 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

